

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072022\
 Data File : VN073533.D
 Acq On : 20 Jul 2022 19:45
 Operator : JC\MD
 Sample : VN0720WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/21/2022
 Supervised By : Mahesh Dadoda 07/21/2022

Quant Time: Jul 21 08:26:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	201148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	338427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	310934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	150866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.374	65	145895	50.243	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.480%			
35) Dibromofluoromethane	7.951	113	118731	52.732	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.460%			
50) Toluene-d8	10.380	98	398257	49.801	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.600%			
62) 4-Bromofluorobenzene	12.674	95	159758	51.984	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.045	85	46437	15.791	ug/l	94
3) Chloromethane	2.263	50	45712	16.011	ug/l	96
4) Vinyl Chloride	2.404	62	43364	17.876	ug/l	99
5) Bromomethane	2.798	94	22175	19.353	ug/l	98
6) Chloroethane	2.963	64	29741	20.841	ug/l	91
7) Trichlorofluoromethane	3.310	101	68062	16.229	ug/l	95
8) Diethyl Ether	3.763	74	35467	20.774	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.134	101	45590	18.397	ug/l	98
10) Methyl Iodide	4.351	142	42347	15.529	ug/l	95
11) Tert butyl alcohol	5.292	59	83238	118.332	ug/l	98
12) 1,1-Dichloroethene	4.116	96	42372	17.894	ug/l	93
13) Acrolein	3.986	56	10159	22.849	ug/l	96
14) Allyl chloride	4.757	41	96778	19.401	ug/l #	91
15) Acrylonitrile	5.475	53	216595	119.612	ug/l	98
16) Acetone	4.222	43	198926	122.044	ug/l	93
17) Carbon Disulfide	4.457	76	82838	13.492	ug/l	99
18) Methyl Acetate	4.781	43	126244	27.638	ug/l #	88
19) Methyl tert-butyl Ether	5.528	73	180617	20.929	ug/l	98
20) Methylene Chloride	5.016	84	56978	19.891	ug/l	88
21) trans-1,2-Dichloroethene	5.516	96	43415	17.547	ug/l	91
22) Diisopropyl ether	6.410	45	208128	22.359	ug/l #	95
23) Vinyl Acetate	6.351	43	866367	103.956	ug/l #	92
24) 1,1-Dichloroethane	6.310	63	100133	20.787	ug/l	98
25) 2-Butanone	7.263	43	322018	124.089	ug/l	91
26) 2,2-Dichloropropane	7.245	77	67589	15.171	ug/l	100
27) cis-1,2-Dichloroethene	7.251	96	58699	19.591	ug/l	95
28) Bromochloromethane	7.586	49	45856	22.730	ug/l #	80
29) Tetrahydrofuran	7.610	42	215791	121.443	ug/l #	86
30) Chloroform	7.745	83	103368	21.306	ug/l	97
31) Cyclohexane	8.022	56	80418	16.910	ug/l	93
32) 1,1,1-Trichloroethane	7.945	97	84014	19.431	ug/l	97
36) 1,1-Dichloropropene	8.151	75	66274	19.129	ug/l	97
37) Ethyl Acetate	7.345	43	121857	23.278	ug/l #	93
38) Carbon Tetrachloride	8.133	117	66781	18.639	ug/l	93
39) Methylcyclohexane	9.392	83	71274	16.524	ug/l	91
40) Benzene	8.386	78	220580	20.630	ug/l	100

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	59564	23.461	ug/l	87
42) 1,2-Dichloroethane	8.463	62	82010	21.159	ug/l	100
43) Isopropyl Acetate	8.498	43	173447	23.054	ug/l	93
44) Trichloroethene	9.151	130	52645	19.348	ug/l	98
45) 1,2-Dichloropropane	9.427	63	59583	21.864	ug/l	97
46) Dibromomethane	9.510	93	39331	21.255	ug/l	92
47) Bromodichloromethane	9.698	83	77311	21.572	ug/l	99
48) Methyl methacrylate	9.498	41	74717	21.449	ug/l	89
49) 1,4-Dioxane	9.504	88	36140	546.513	ug/l #	91
51) 4-Methyl-2-Pentanone	10.268	43	617709	129.472	ug/l	91
52) Toluene	10.445	92	138107	20.901	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	79238	20.084	ug/l	97
54) cis-1,3-Dichloropropene	10.127	75	86062	20.205	ug/l #	91
55) 1,1,2-Trichloroethane	10.839	97	60188	22.126	ug/l	97
56) Ethyl methacrylate	10.704	69	95196	21.651	ug/l #	83
57) 1,3-Dichloropropane	10.986	76	101637	21.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	210545	107.371	ug/l	93
59) 2-Hexanone	11.027	43	480666	132.168	ug/l	88
60) Dibromochloromethane	11.180	129	58805	22.673	ug/l	98
61) 1,2-Dibromoethane	11.286	107	59463	21.884	ug/l	98
64) Tetrachloroethene	10.915	164	55361	21.804	ug/l	93
65) Chlorobenzene	11.710	112	145104	20.634	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.780	131	53885	20.833	ug/l	99
67) Ethyl Benzene	11.786	91	257752	20.189	ug/l	99
68) m/p-Xylenes	11.892	106	194569	40.383	ug/l	97
69) o-Xylene	12.221	106	98436	20.013	ug/l	94
70) Styrene	12.233	104	159563	21.012	ug/l	99
71) Bromoform	12.398	173	42854	22.642	ug/l #	100
73) Isopropylbenzene	12.521	105	261648	20.084	ug/l	97
74) N-amyl acetate	12.327	43	132768	20.353	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.768	83	96498	22.321	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	85749m	21.737	ug/l	
77) Bromobenzene	12.804	156	59607	19.679	ug/l	86
78) n-propylbenzene	12.862	91	289453	20.000	ug/l	98
79) 2-Chlorotoluene	12.945	91	182075	19.877	ug/l	97
80) 1,3,5-Trimethylbenzene	13.004	105	208628	19.647	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	26143	18.175	ug/l #	84
82) 4-Chlorotoluene	13.045	91	170873	19.268	ug/l	96
83) tert-Butylbenzene	13.262	119	196004	20.589	ug/l	97
84) 1,2,4-Trimethylbenzene	13.309	105	214943	20.274	ug/l	98
85) sec-Butylbenzene	13.439	105	263912	20.645	ug/l	99
86) p-Isopropyltoluene	13.556	119	210119	20.348	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	106386	19.578	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	107775	19.795	ug/l	100
89) n-Butylbenzene	13.880	91	173629	20.178	ug/l	98
90) Hexachloroethane	14.151	117	37934	19.711	ug/l	88
91) 1,2-Dichlorobenzene	13.927	146	114286	20.646	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	22760	21.661	ug/l	96
93) 1,2,4-Trichlorobenzene	15.198	180	61090	21.195	ug/l	98
94) Hexachlorobutadiene	15.298	225	28954	22.598	ug/l	99
95) Naphthalene	15.439	128	249352	21.445	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	67368	22.658	ug/l	96

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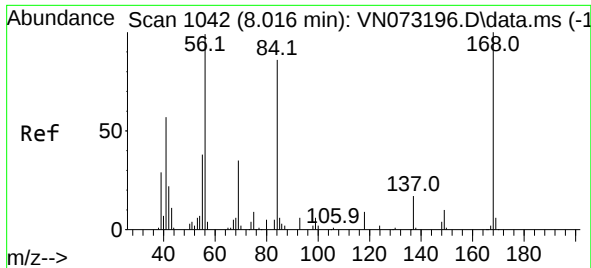
Manual Integrations
APPROVED

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

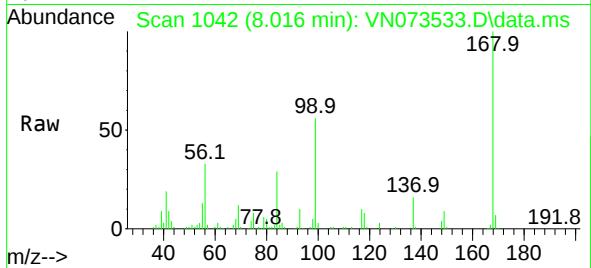
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073533.D
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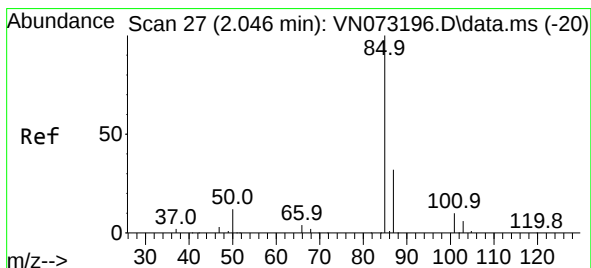
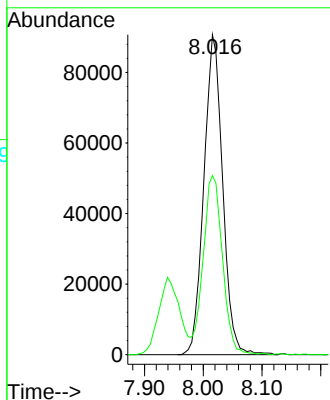
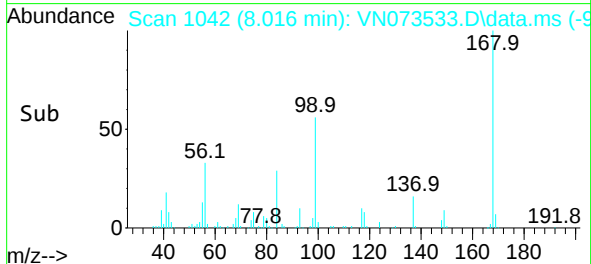
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



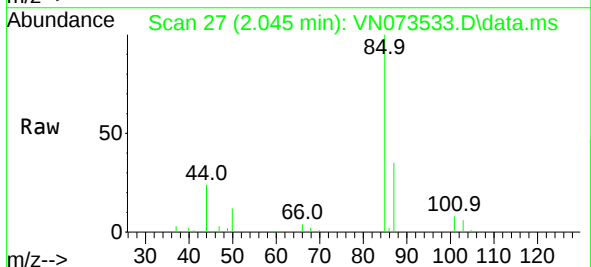
Tgt Ion:168 Resp: 201148
Ion Ratio Lower Upper
168 100
99 55.8 42.3 63.5

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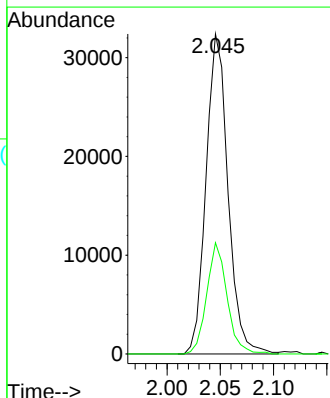
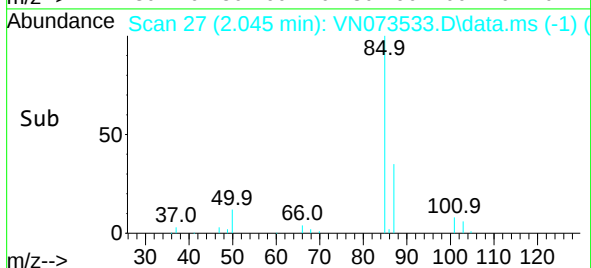
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#2
Dichlorodifluoromethane
Concen: 15.791 ug/l
RT: 2.045 min Scan# 27
Delta R.T. -0.001 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45



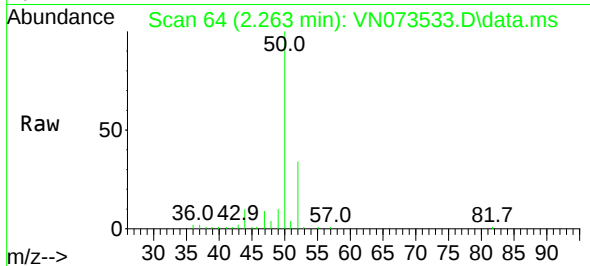
Tgt Ion: 85 Resp: 46437
Ion Ratio Lower Upper
85 100
87 34.8 15.7 47.1





#3
Chloromethane
Concen: 16.011 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

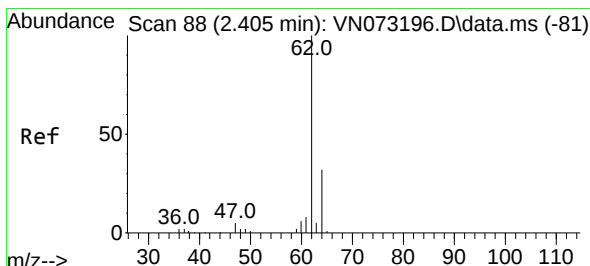
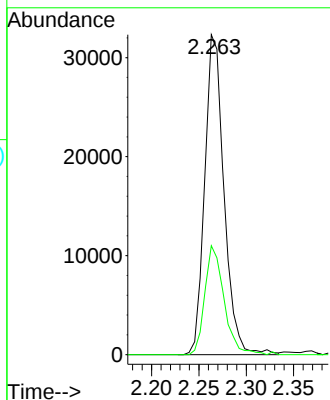
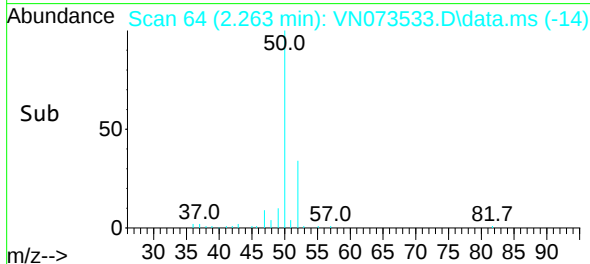
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 45712
Ion Ratio Lower Upper
50 100
52 34.1 25.7 38.5

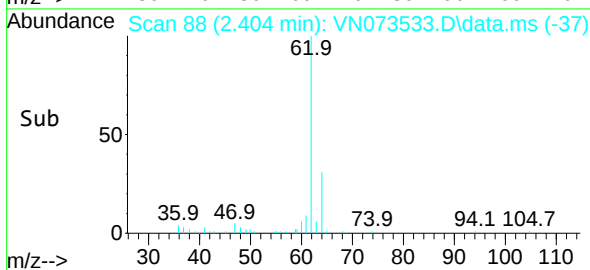
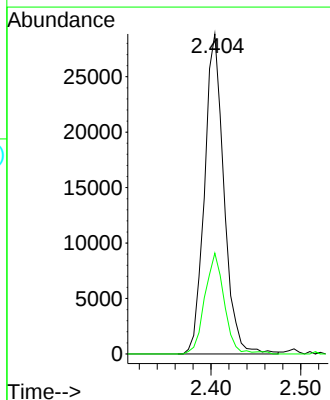
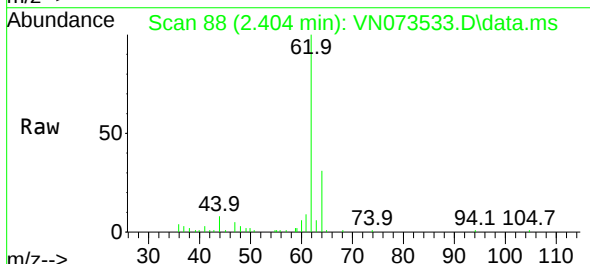
Manual Integrations
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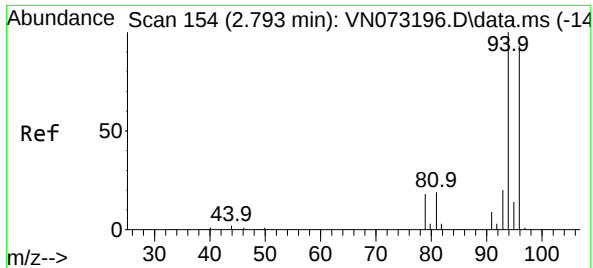
Reviewed By :John Carlone 07/21/2022
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#4
Vinyl Chloride
Concen: 17.876 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.001 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

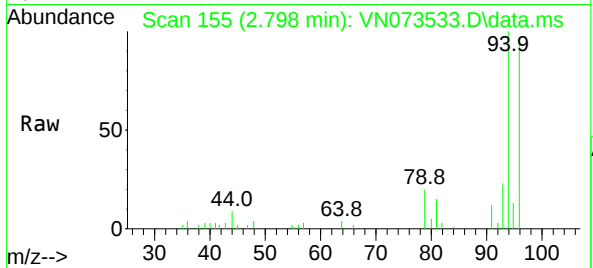
Tgt Ion: 62 Resp: 43364
Ion Ratio Lower Upper
62 100
64 31.5 25.0 37.4





#5
Bromomethane
Concen: 19.353 ug/l
RT: 2.798 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

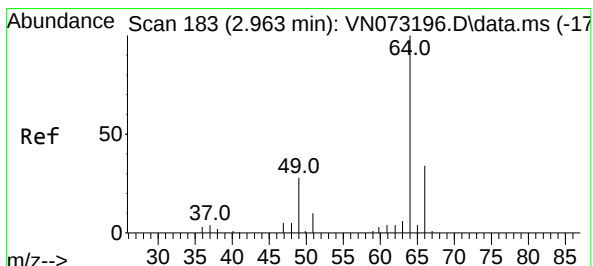
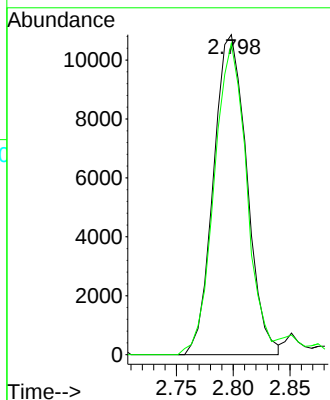
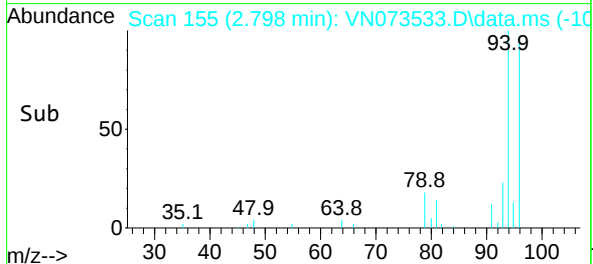
Instrument :
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Tgt Ion: 94 Resp: 22179
Ion Ratio Lower Upper
94 100
96 97.3 76.0 114.0

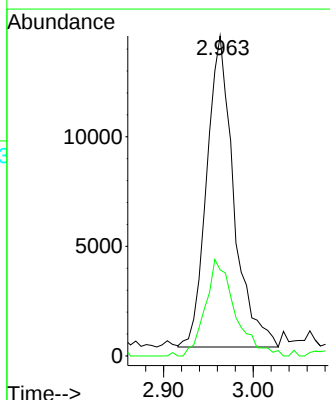
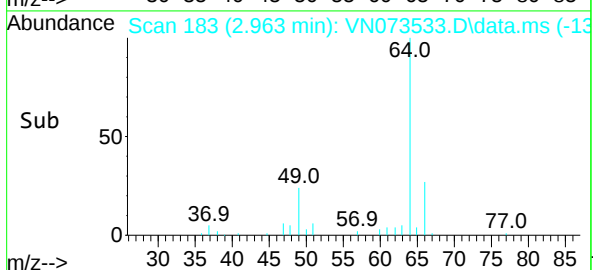
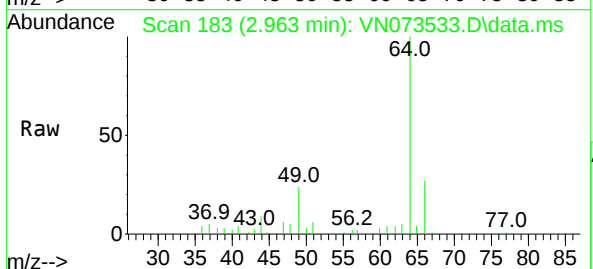
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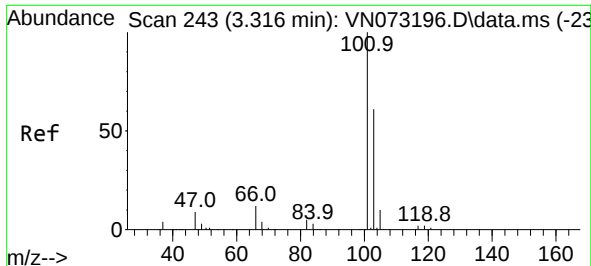
Reviewed By :John Carlone 07/21/2022
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#6
Chloroethane
Concen: 20.841 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.000 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

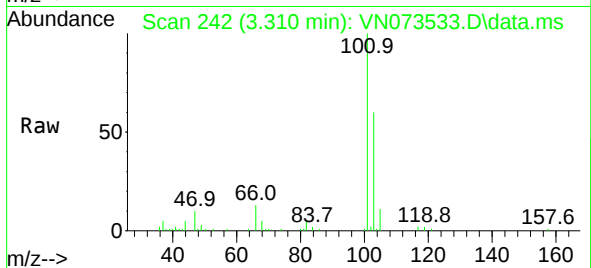
Tgt Ion: 64 Resp: 29741
Ion Ratio Lower Upper
64 100
66 27.7 26.2 39.4





#7
Trichlorofluoromethane
Concen: 16.229 ug/l
RT: 3.310 min Scan# 243
Delta R.T. -0.006 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

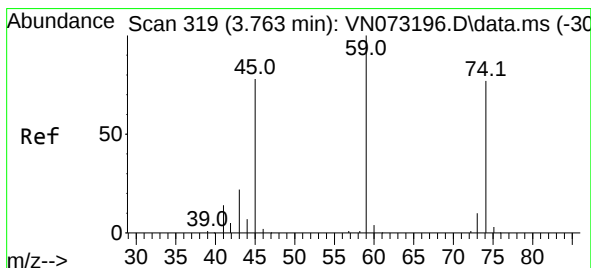
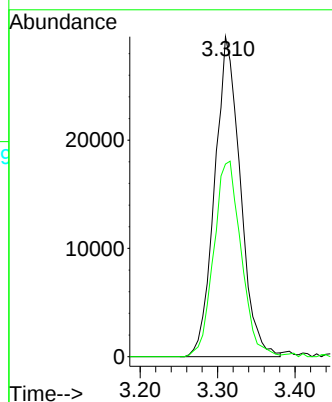
Instrument :
MSVOA_N
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Tgt Ion:101 Resp: 68062
Ion Ratio Lower Upper
101 100
103 60.2 51.5 77.3

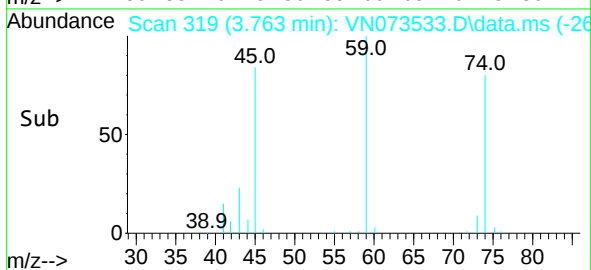
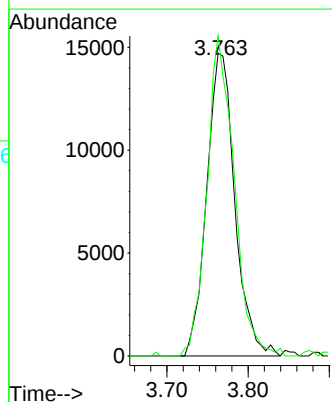
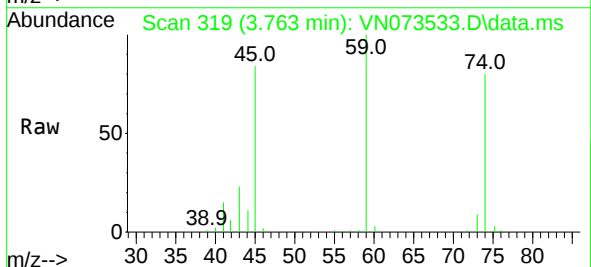
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#8
Diethyl Ether
Concen: 20.774 ug/l
RT: 3.763 min Scan# 319
Delta R.T. -0.000 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

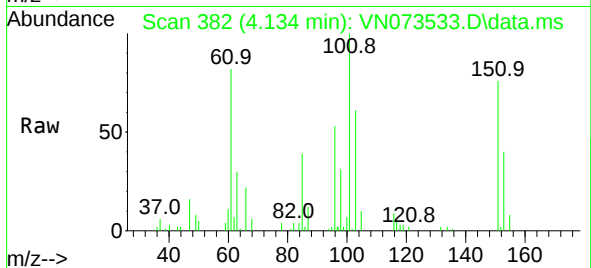
Tgt Ion: 74 Resp: 35467
Ion Ratio Lower Upper
74 100
45 102.5 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.397 ug/l
RT: 4.134 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN073533.D
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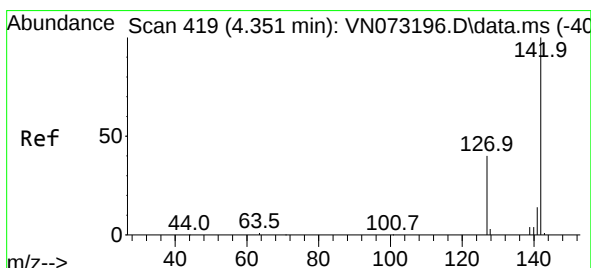
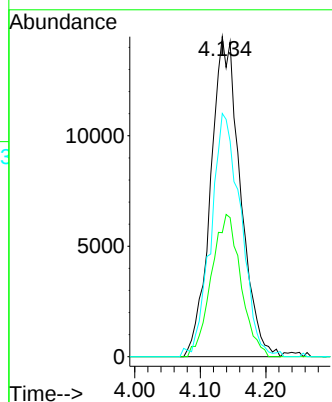
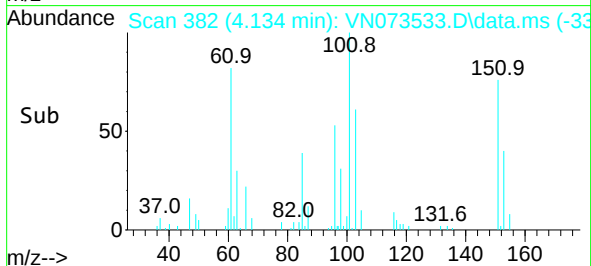
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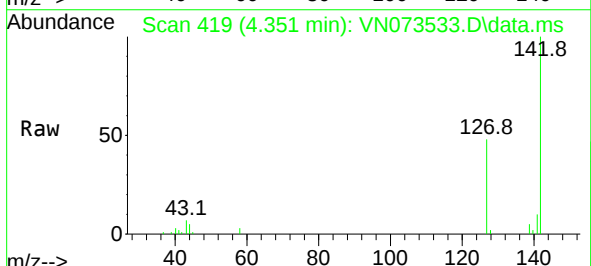
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Ion Ratio Lower Upper
101 100
85 44.0 34.7 52.1
151 76.6 63.0 94.4

Manual Integrations
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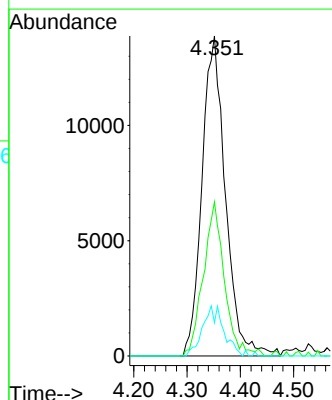
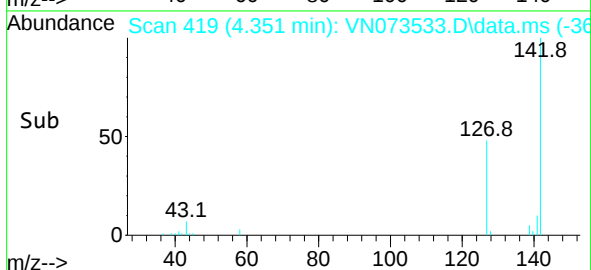
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#10
Methyl Iodide
Concen: 15.529 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45



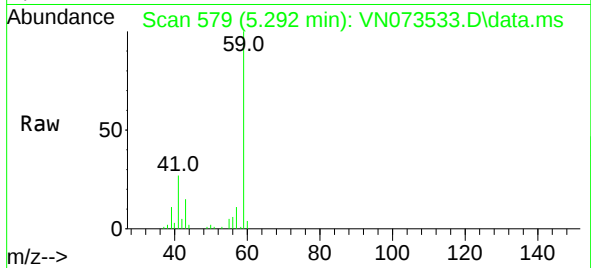
Tgt Ion:142 Resp: 42347
Ion Ratio Lower Upper
142 100
127 43.4 31.3 46.9
141 14.0 11.2 16.8





#11
Tert butyl alcohol
Concen: 118.332 ug/l
RT: 5.292 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

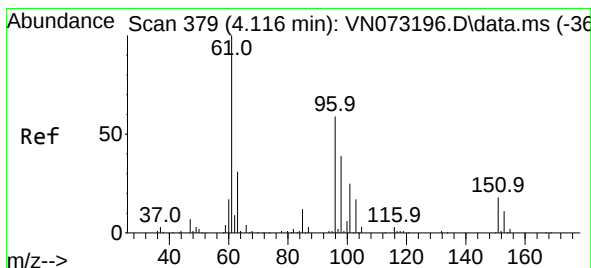
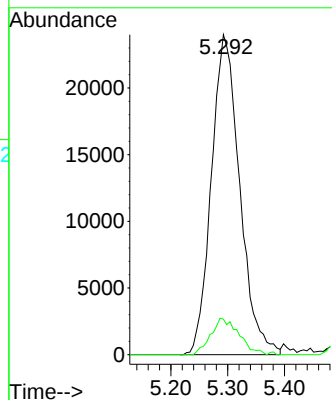
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



Tgt Ion: 59 Resp: 83238
Ion Ratio Lower Upper
59 100
57 11.3 8.3 12.5

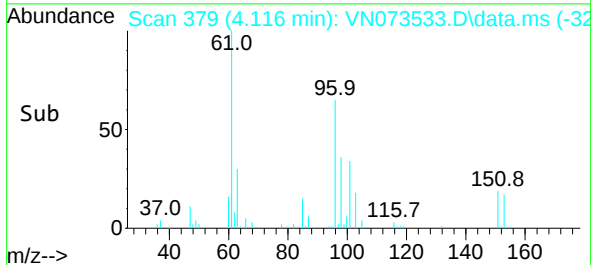
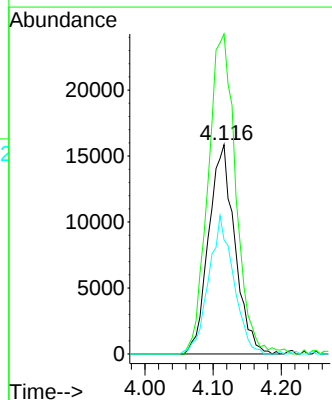
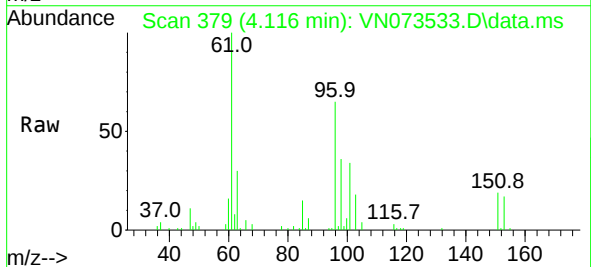
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Supervised By :Mahesh Dadoda 07/21/2022



#12
1,1-Dichloroethene
Concen: 17.894 ug/l
RT: 4.116 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

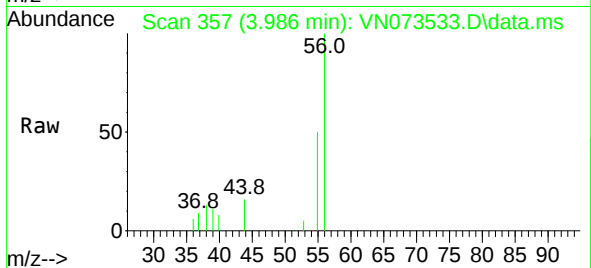
Tgt Ion: 96 Resp: 42372
Ion Ratio Lower Upper
96 100
61 152.9 127.6 191.4
98 54.5 51.2 76.8





#13
Acrolein
Concen: 22.849 ug/l
RT: 3.986 min Scan# 356
Delta R.T. 0.006 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

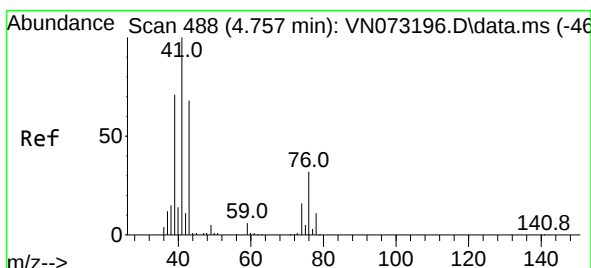
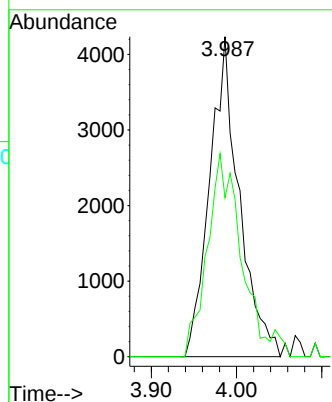
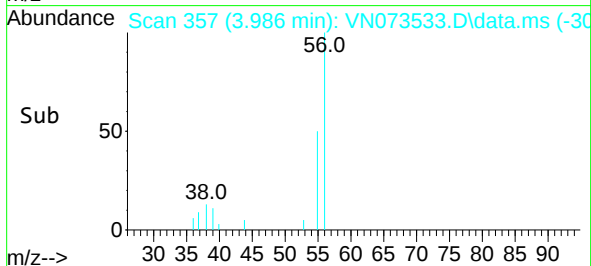
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



Tgt Ion: 56 Resp: 10159
Ion Ratio Lower Upper
56 100
55 71.8 54.8 82.2

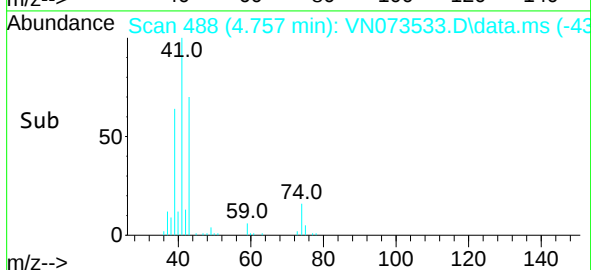
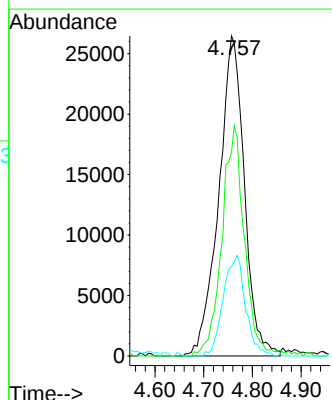
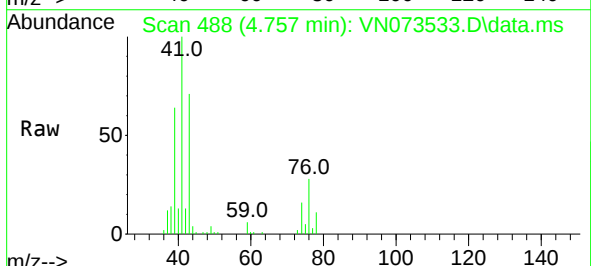
Manual Integrations
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Supervised By :Mahesh Dadoda 07/21/2022



#14
Allyl chloride
Concen: 19.401 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

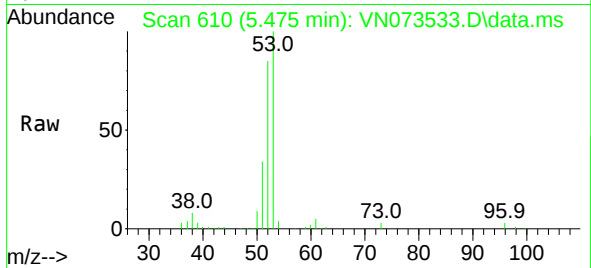
Tgt Ion: 41 Resp: 96778
Ion Ratio Lower Upper
41 100
39 63.1 53.2 79.8
76 27.3 29.9 44.9#





#15
Acrylonitrile
Concen: 119.612 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

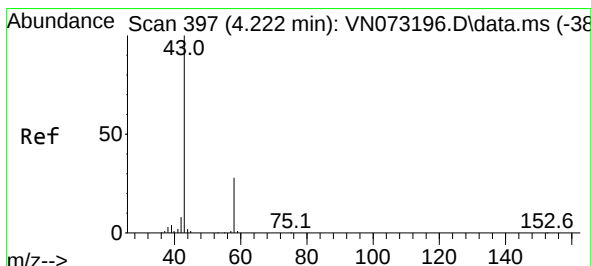
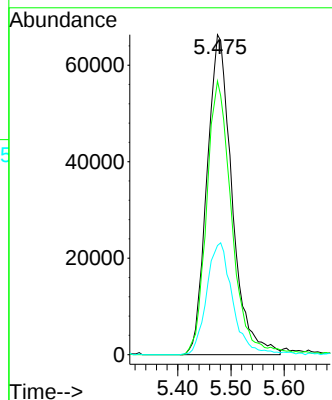
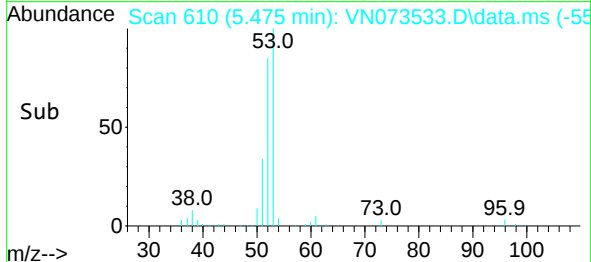
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



Tgt Ion: 53 Resp: 21659
Ion Ratio Lower Upper
53 100
52 85.7 66.4 99.6
51 36.1 28.5 42.7

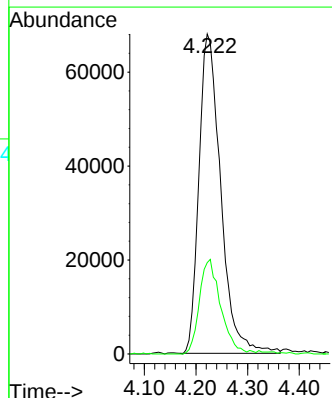
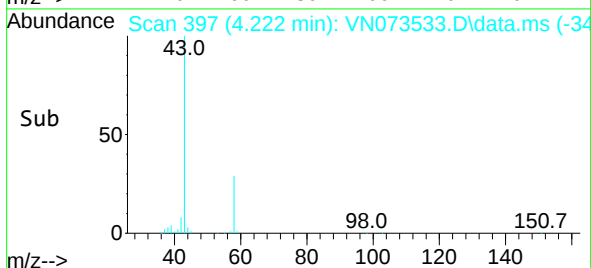
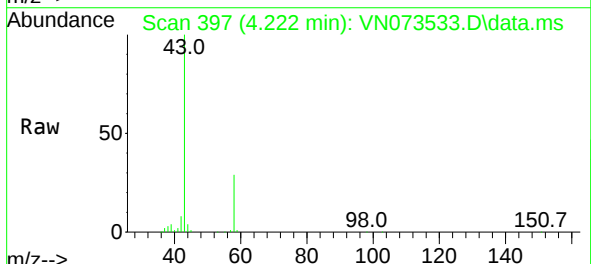
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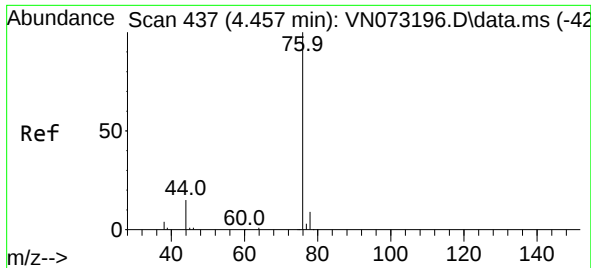
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#16
Acetone
Concen: 122.044 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

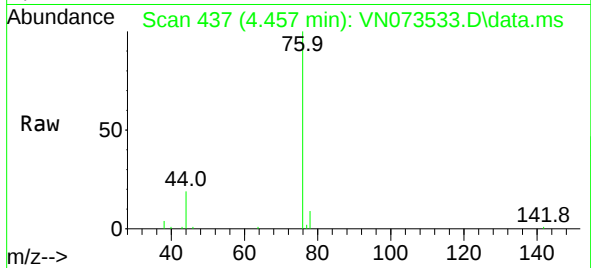
Tgt Ion: 43 Resp: 198926
Ion Ratio Lower Upper
43 100
58 28.6 26.0 39.0





#17
Carbon Disulfide
Concen: 13.492 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

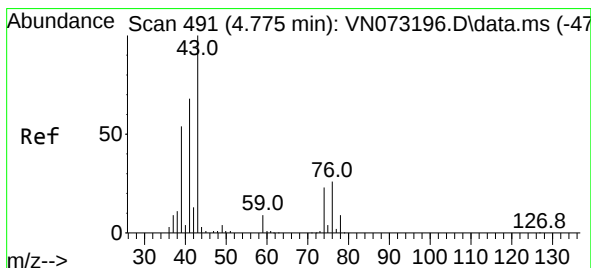
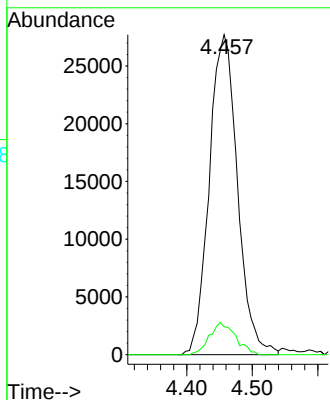
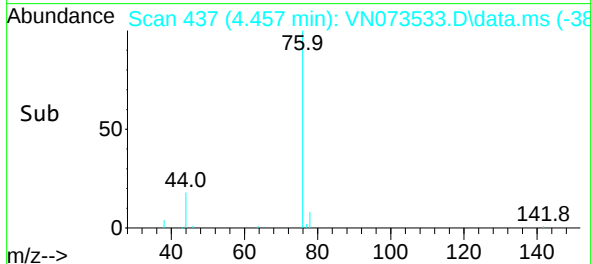
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



Tgt Ion: 76 Resp: 82838
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

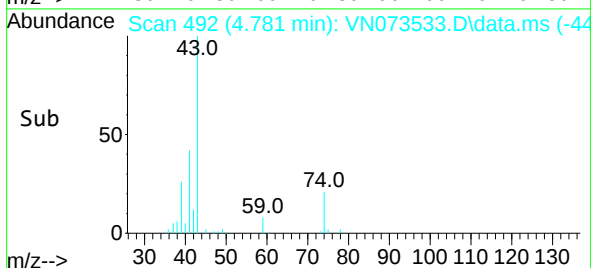
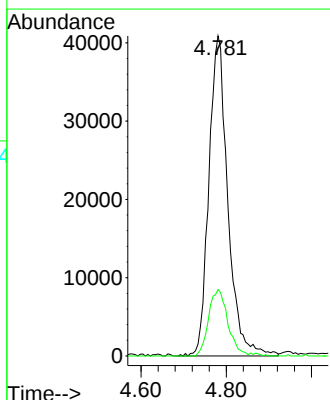
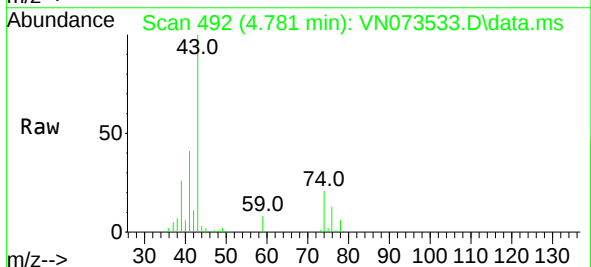
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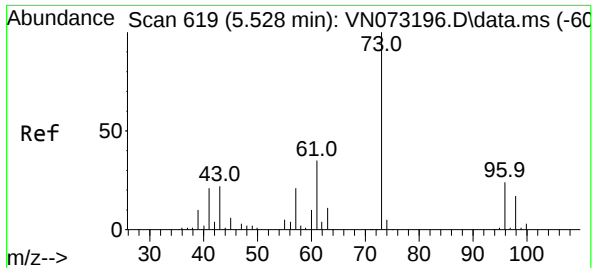
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#18
Methyl Acetate
Concen: 27.638 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

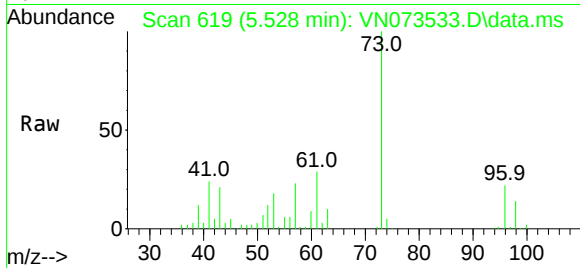
Tgt Ion: 43 Resp: 126244
Ion Ratio Lower Upper
43 100
74 20.9 21.6 32.4#





#19
Methyl tert-butyl Ether
Concen: 20.929 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

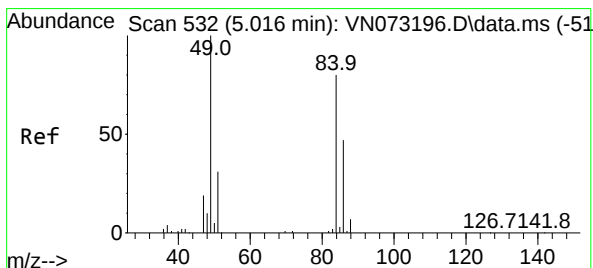
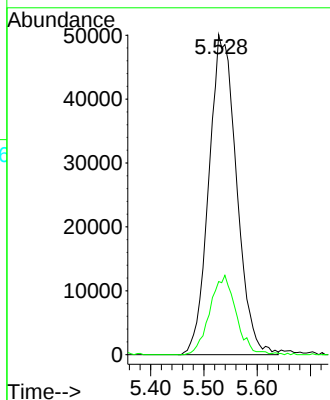
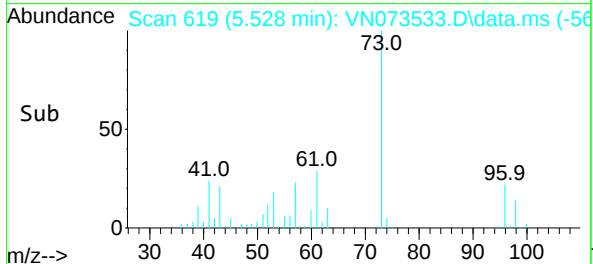
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



Tgt Ion: 73 Resp: 18061
Ion Ratio Lower Upper
73 100
57 22.9 17.6 26.4

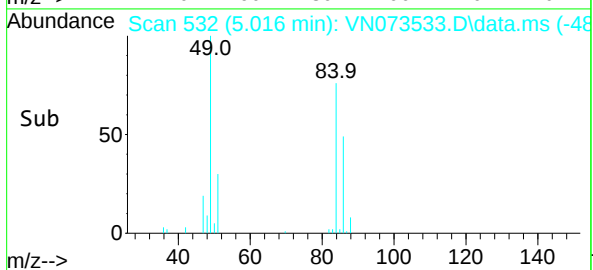
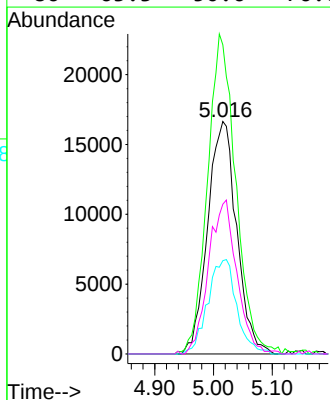
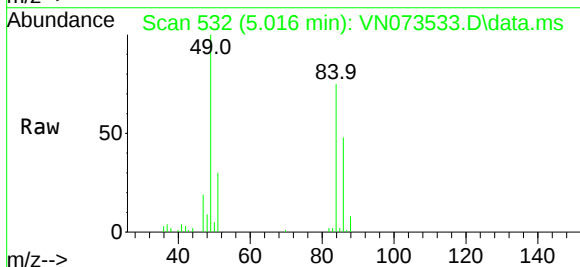
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Supervised By :Mahesh Dadoda 07/21/2022



#20
Methylene Chloride
Concen: 19.891 ug/l
RT: 5.016 min Scan# 532
Delta R.T. -0.000 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

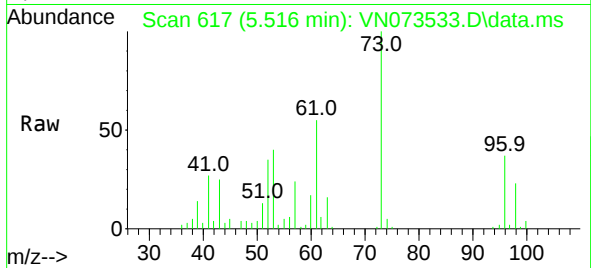
Tgt Ion: 84 Resp: 56978
Ion Ratio Lower Upper
84 100
49 131.8 88.3 132.5
51 40.1 28.2 42.2
86 63.3 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 17.547 ug/l
RT: 5.516 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

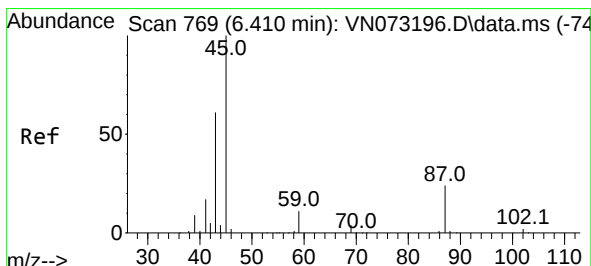
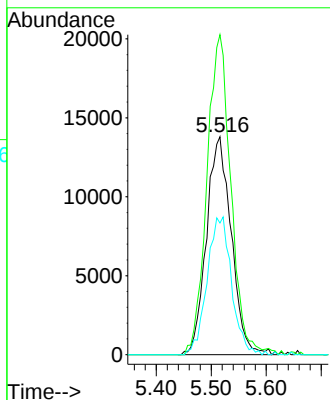
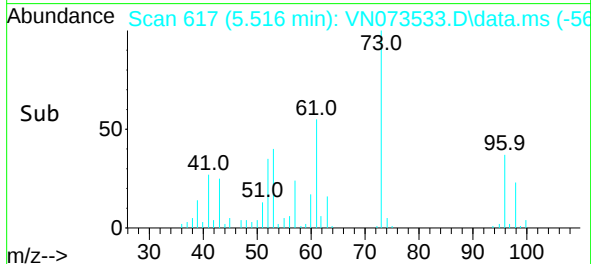
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



Tgt Ion: 96 Resp: 4341
Ion Ratio Lower Upper
96 100
61 146.8 105.8 158.8
98 60.4 50.3 75.5

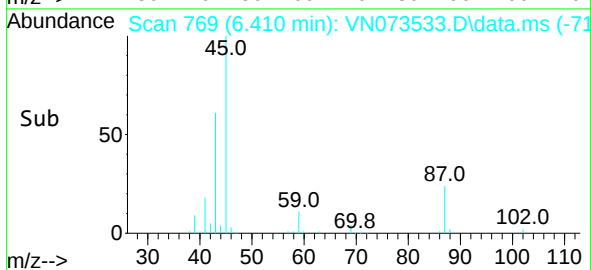
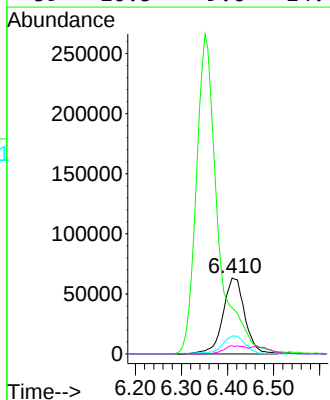
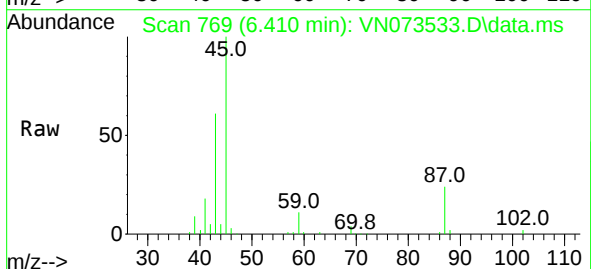
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Supervised By :Mahesh Dadoda 07/21/2022



#22
Diisopropyl ether
Concen: 22.359 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

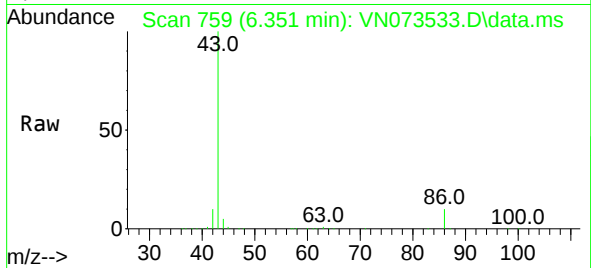
Tgt Ion: 45 Resp: 208128
Ion Ratio Lower Upper
45 100
43 59.0 46.6 70.0
87 23.2 24.3 36.5#
59 10.5 9.6 14.4





#23
 Vinyl Acetate
 Concen: 103.956 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073533.D
 Acq: 20 Jul 2022 19:45

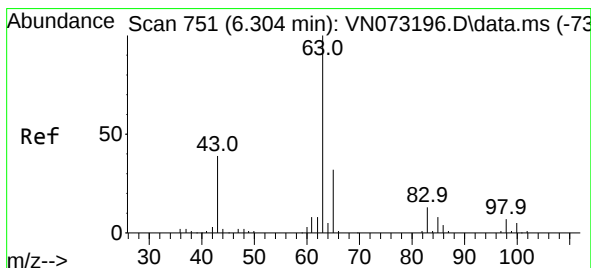
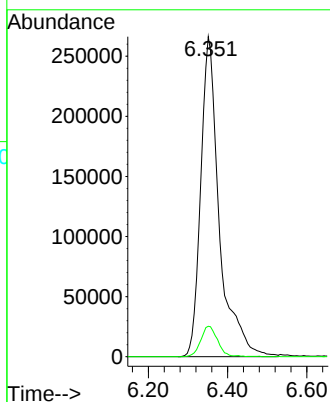
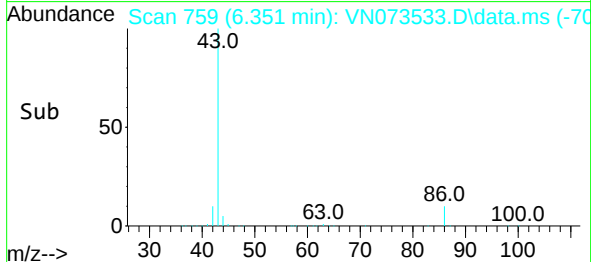
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBSD01



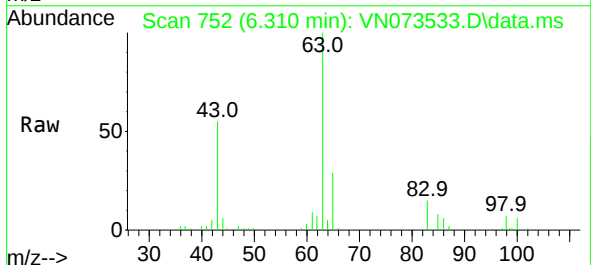
Tgt Ion: 43 Resp: 86636
 Ion Ratio Lower Upper
 43 100
 86 9.5 10.0 15.0

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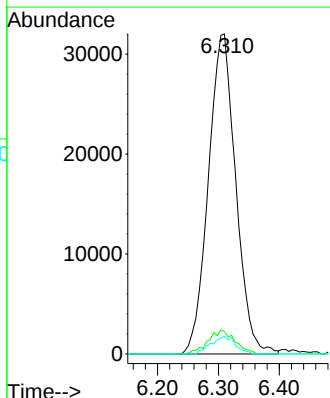
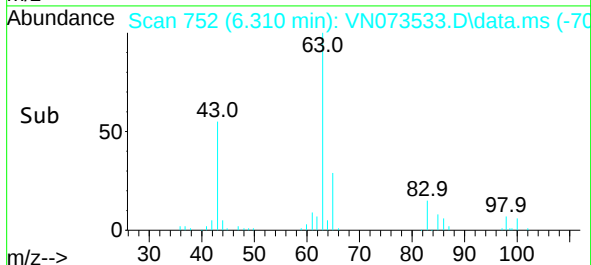
Reviewed By :John Carlone 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022



#24
 1,1-Dichloroethane
 Concen: 20.787 ug/l
 RT: 6.310 min Scan# 752
 Delta R.T. 0.006 min
 Lab File: VN073533.D
 Acq: 20 Jul 2022 19:45



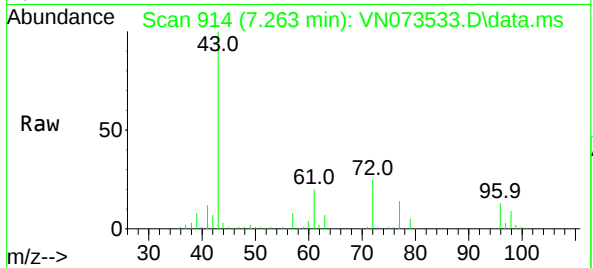
Tgt Ion: 63 Resp: 100133
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.4
 100 5.5 2.3 6.8





#25
2-Butanone
Concen: 124.089 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

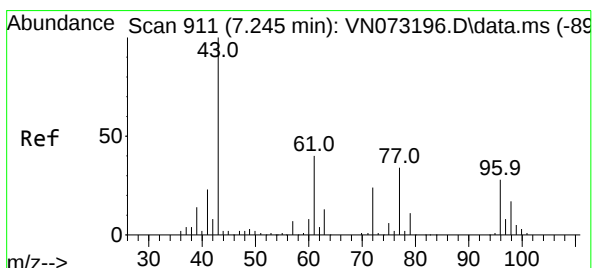
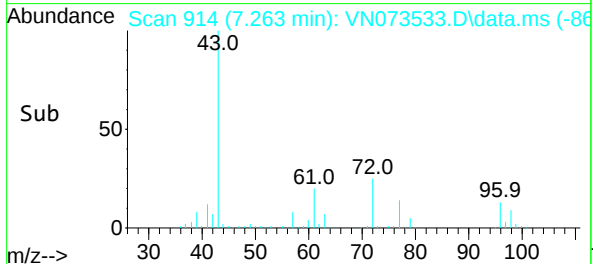
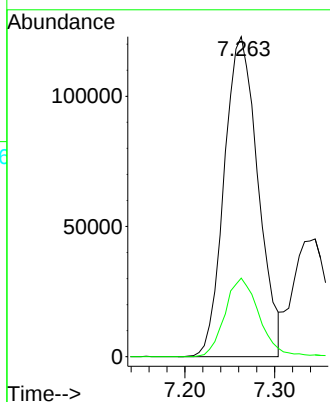
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



Tgt Ion: 43 Resp: 322018
Ion Ratio Lower Upper
43 100
72 24.6 23.7 35.5

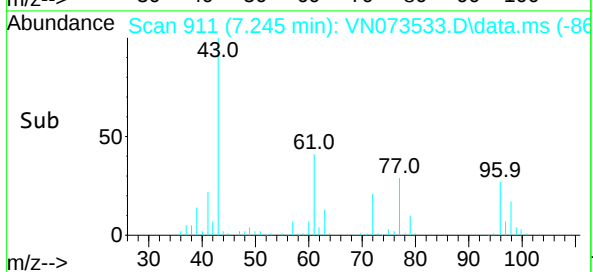
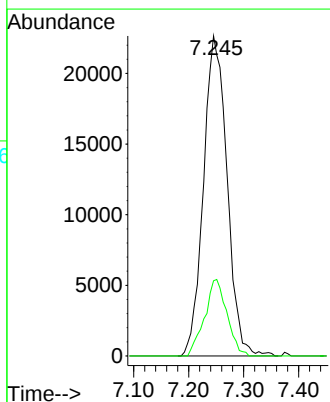
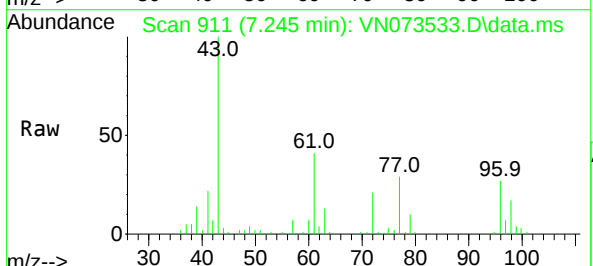
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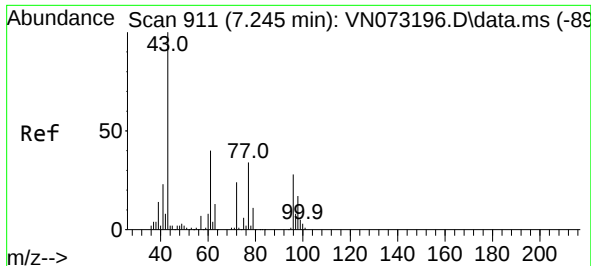
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#26
2,2-Dichloropropane
Concen: 15.171 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

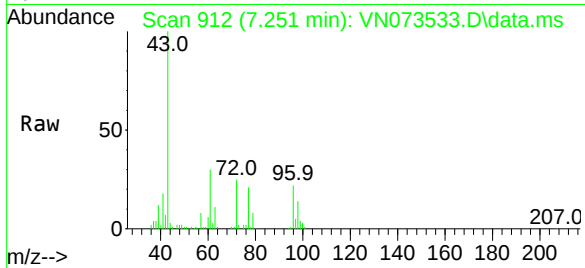
Tgt Ion: 77 Resp: 67589
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 19.591 ug/l
RT: 7.251 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

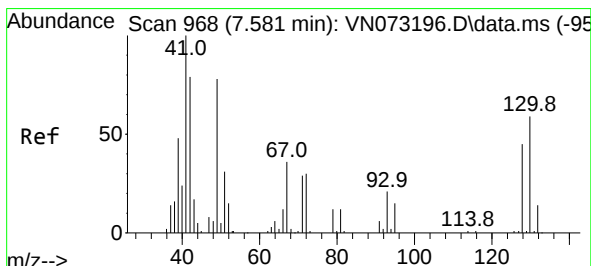
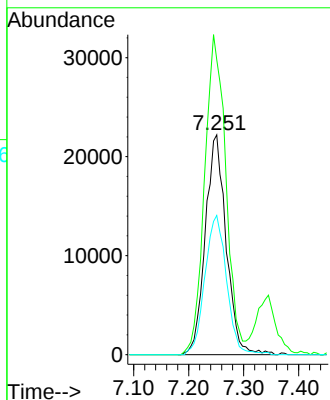
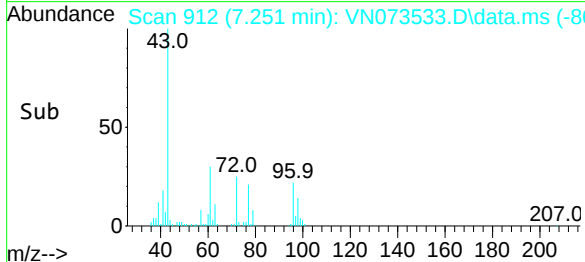
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



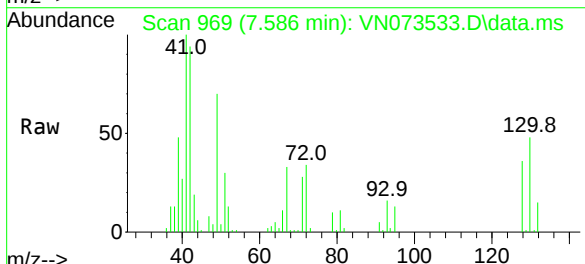
Tgt Ion: 96 Resp: 5869
Ion Ratio Lower Upper
96 100
61 147.9 0.0 280.6
98 65.9 0.0 128.4

Manual Integrations
APPROVED

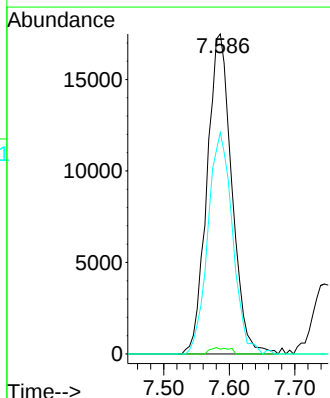
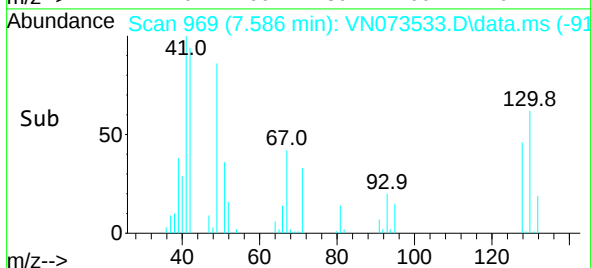
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

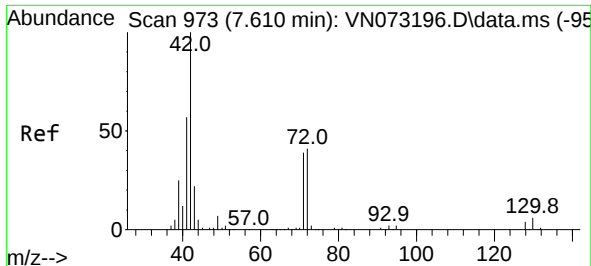


#28
Bromochloromethane
Concen: 22.730 ug/l
RT: 7.586 min Scan# 969
Delta R.T. 0.005 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45



Tgt Ion: 49 Resp: 45856
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.6
130 68.6 69.7 104.5#





#29

Tetrahydrofuran

Concen: 121.443 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN073533.D

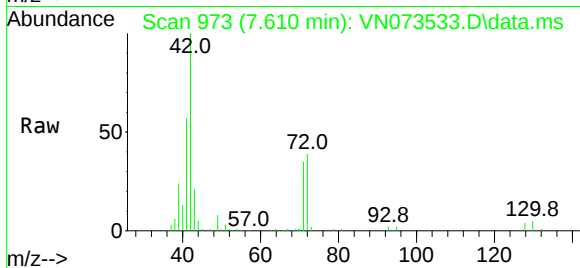
Acq: 20 Jul 2022 19:45

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBSD01



Tgt Ion: 42 Resp: 21579

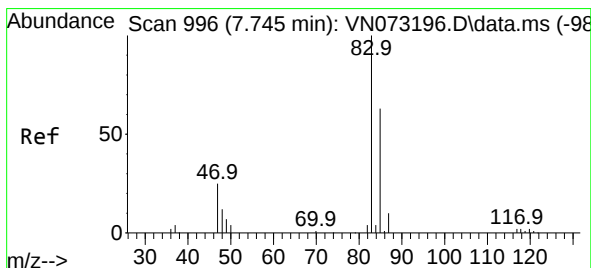
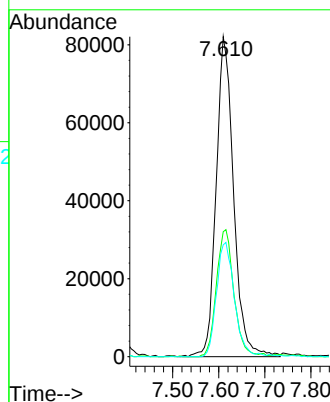
Ion	Ratio	Lower	Upper
42	100		
72	39.5	39.7	59.5
71	36.5	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#30

Chloroform

Concen: 21.306 ug/l

RT: 7.745 min Scan# 996

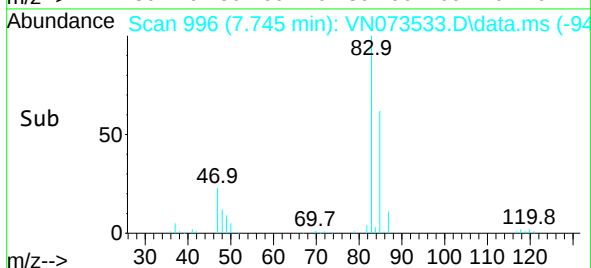
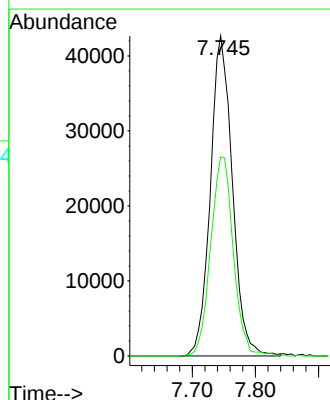
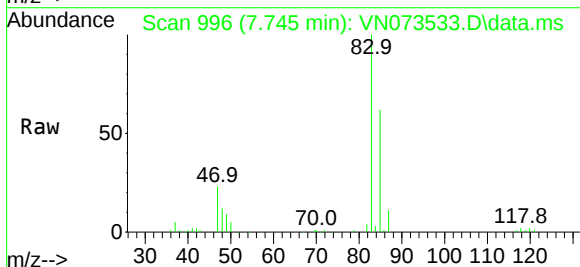
Delta R.T. 0.000 min

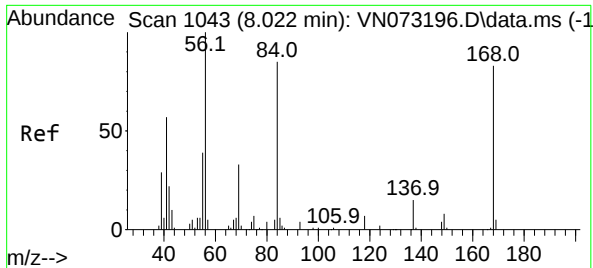
Lab File: VN073533.D

Acq: 20 Jul 2022 19:45

Tgt Ion: 83 Resp: 103368

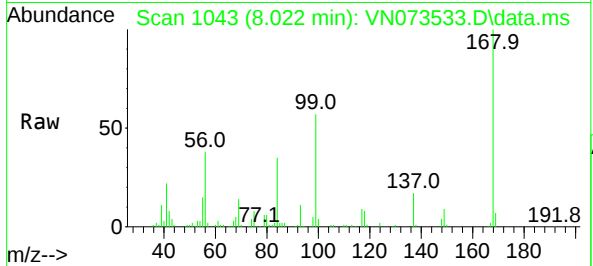
Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.8	77.8





#31
Cyclohexane
Concen: 16.910 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

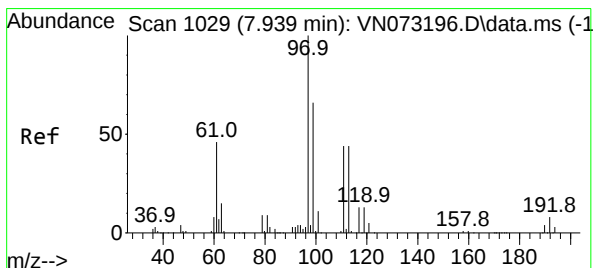
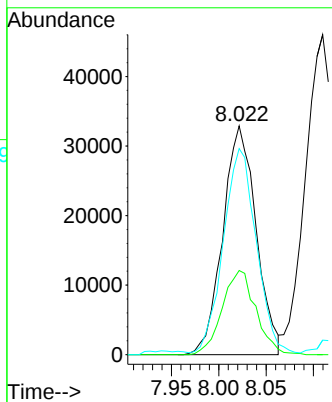
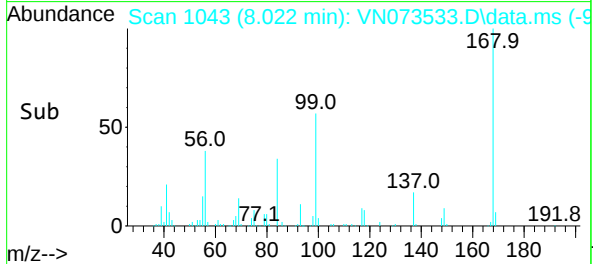
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



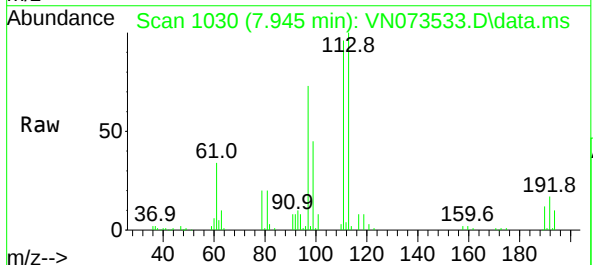
Tgt Ion: 56 Resp: 80418
Ion Ratio Lower Upper
56 100
69 36.8 27.8 41.8
84 88.6 76.9 115.3

Manual Integrations
APPROVED

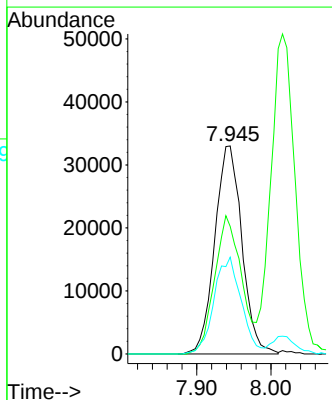
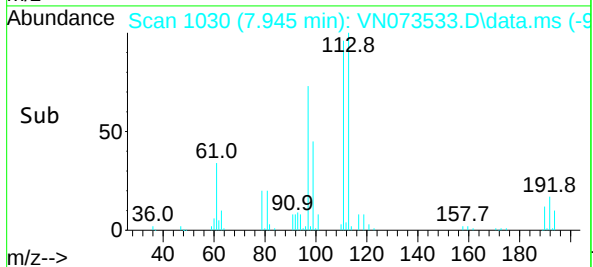
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#32
1,1,1-Trichloroethane
Concen: 19.431 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45



Tgt Ion: 97 Resp: 84014
Ion Ratio Lower Upper
97 100
99 66.4 50.6 76.0
61 46.8 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 50.243 ug/l

RT: 8.374 min Scan# 1102

Delta R.T. 0.005 min

Lab File: VN073533.D

Acq: 20 Jul 2022 19:45

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBSD01

Tgt Ion: 65 Resp: 14589

Ion Ratio Lower Upper

65 100

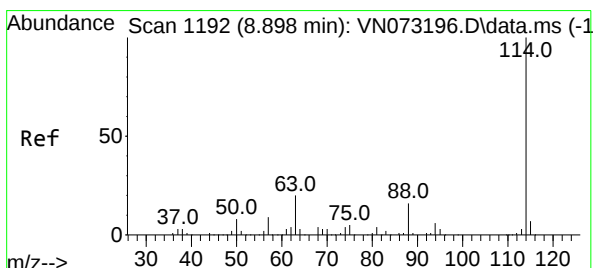
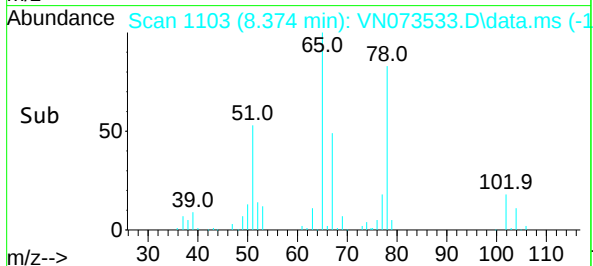
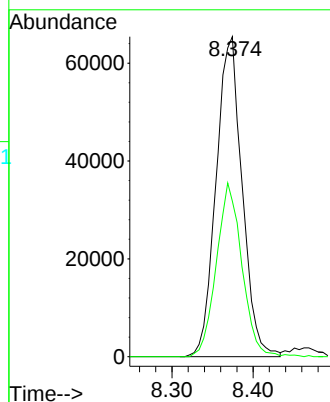
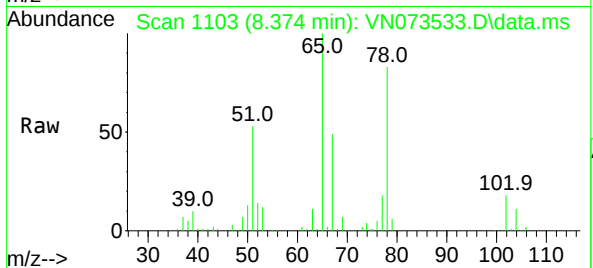
67 53.2 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073533.D

Acq: 20 Jul 2022 19:45

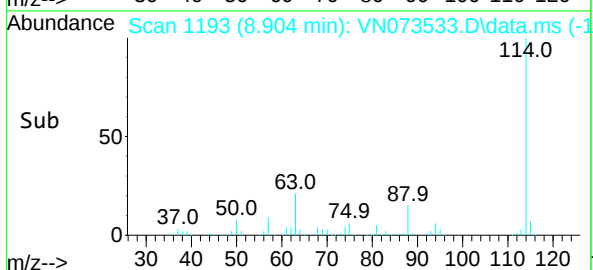
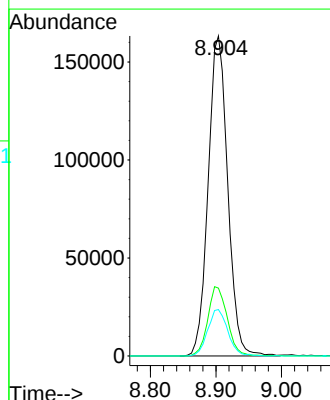
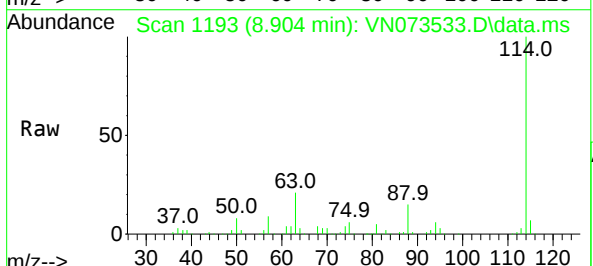
Tgt Ion:114 Resp: 338427

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.0

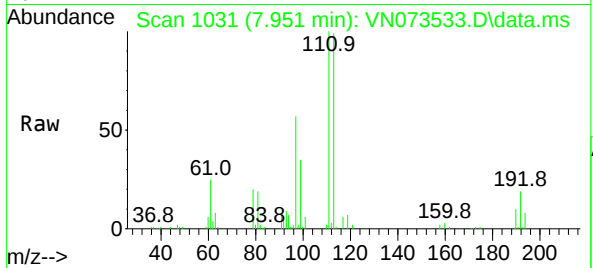
88 14.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 52.732 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

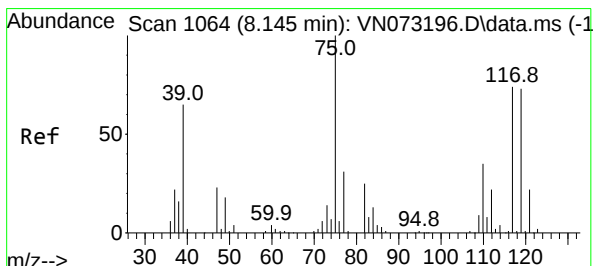
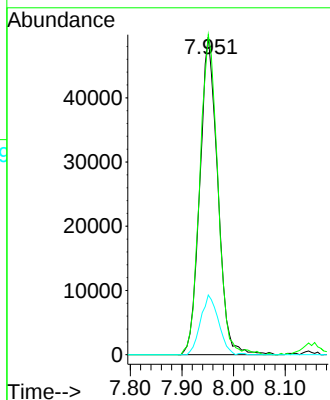
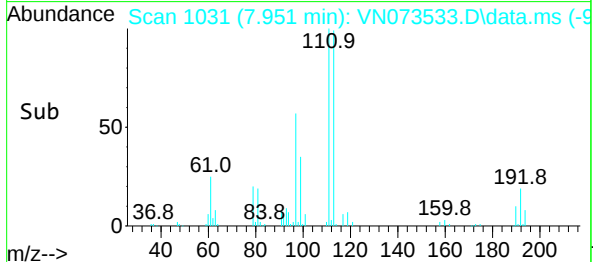
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



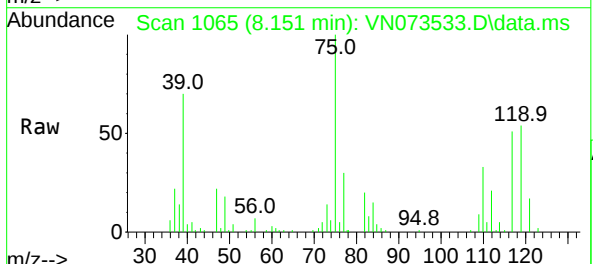
Tgt Ion: 113 Resp: 11873
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.0
192 18.7 17.0 25.6

Manual Integrations
APPROVED

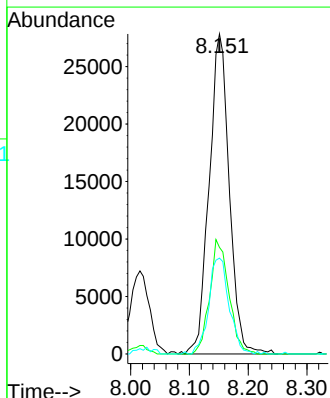
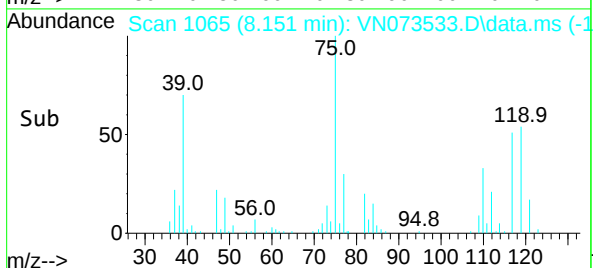
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

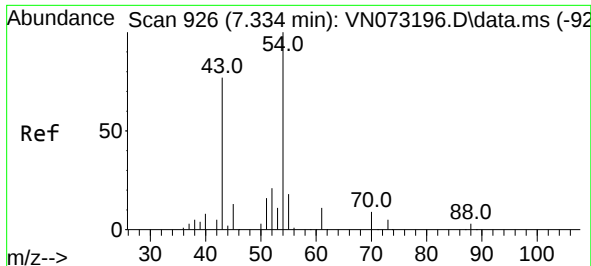


#36
1,1-Dichloropropene
Concen: 19.129 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45



Tgt Ion: 75 Resp: 66274
Ion Ratio Lower Upper
75 100
110 34.0 18.3 54.8
77 30.5 25.1 37.7





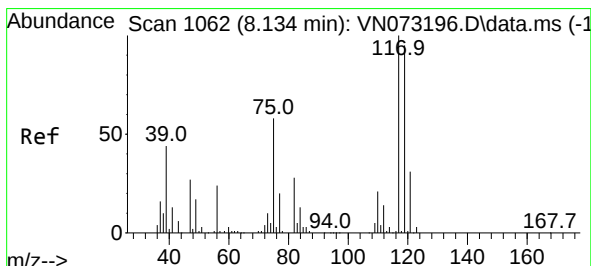
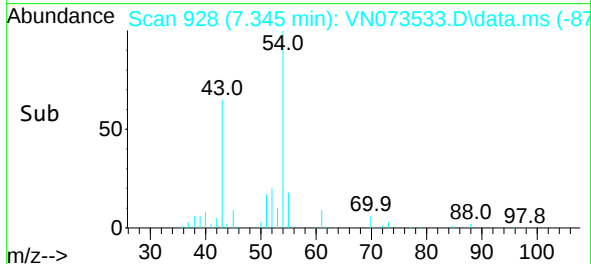
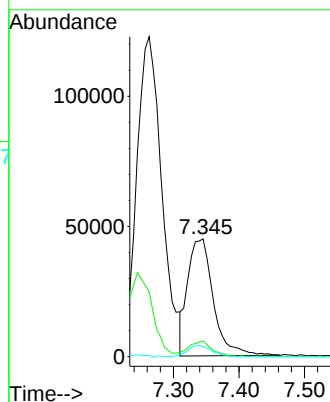
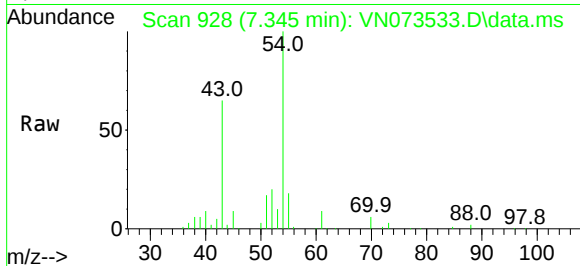
#37
Ethyl Acetate
Concen: 23.278 ug/l
RT: 7.345 min Scan# 91
Delta R.T. 0.011 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01

Tgt Ion: 43 Resp: 12185
Ion Ratio Lower Upper
43 100
61 11.6 11.8 17.6
70 8.9 9.3 13.9

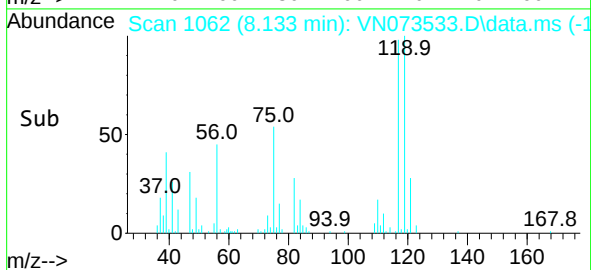
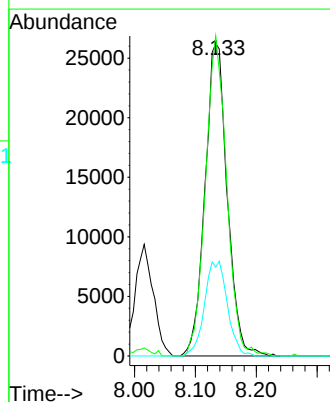
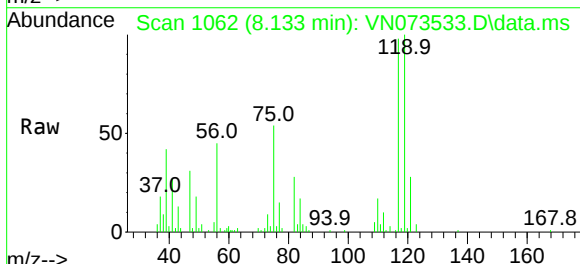
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#38
Carbon Tetrachloride
Concen: 18.639 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. -0.001 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

Tgt Ion:117 Resp: 66781
Ion Ratio Lower Upper
117 100
119 102.5 75.8 113.8
121 28.4 24.6 37.0





#39
Methylcyclohexane
Concen: 16.524 ug/l
RT: 9.392 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBSD01

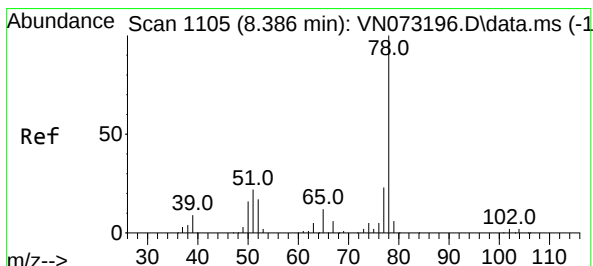
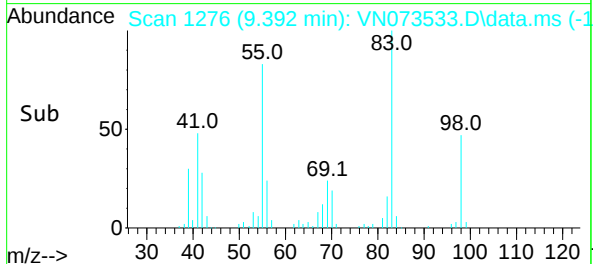
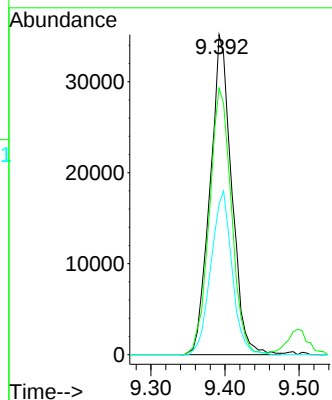
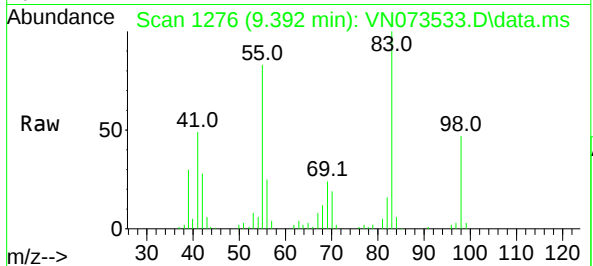
Tgt Ion: 83 Resp: 71274
Ion Ratio Lower Upper
83 100
55 83.3 57.8 86.8
98 47.1 39.4 59.2

Manual Integrations

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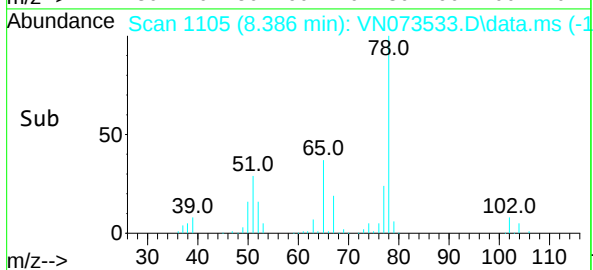
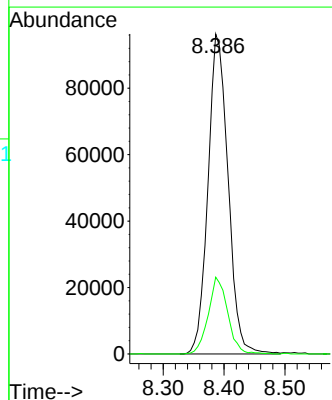
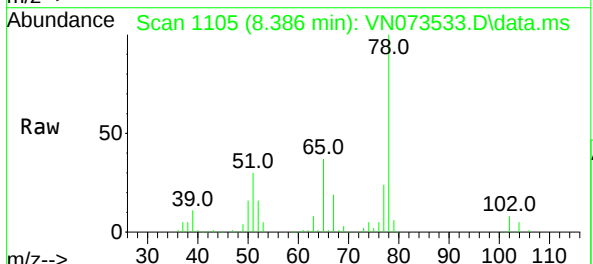
Reviewed By :John Carlone 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#40
Benzene
Concen: 20.630 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

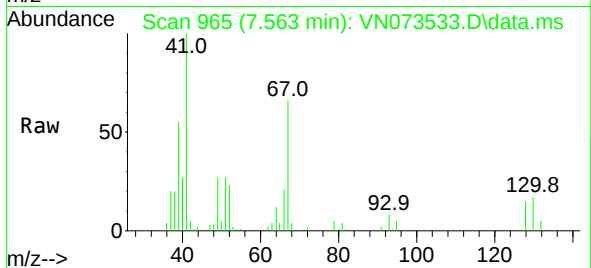
Tgt Ion: 78 Resp: 220580
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0





#41
Methacrylonitrile
Concen: 23.461 ug/l
RT: 7.563 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

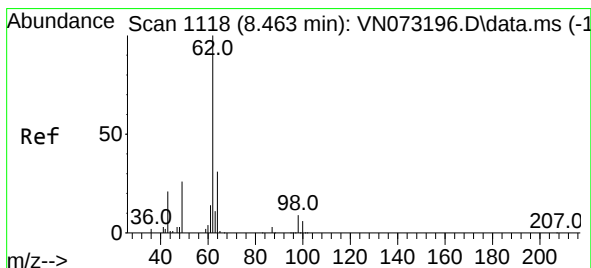
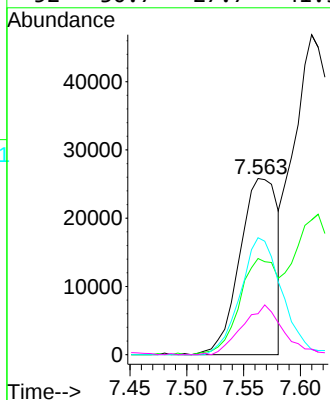
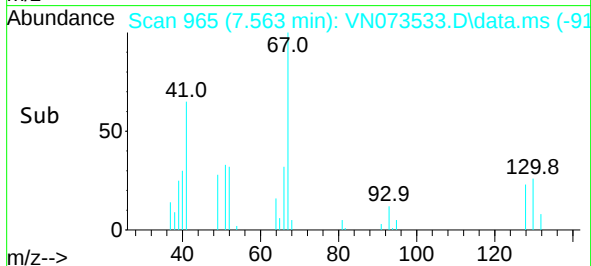
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



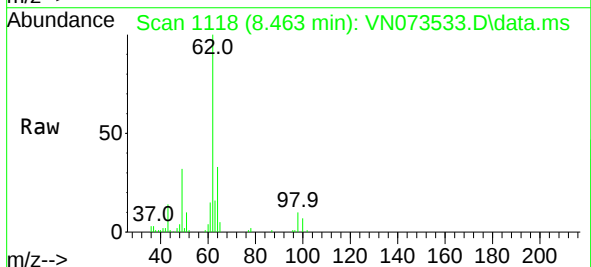
Tgt Ion:	41	Resp:	5956
Ion Ratio	100	Lower	Upper
39	54.0	48.6	73.0
67	74.4	73.4	110.2
52	30.7	27.7	41.5

Manual Integrations
APPROVED

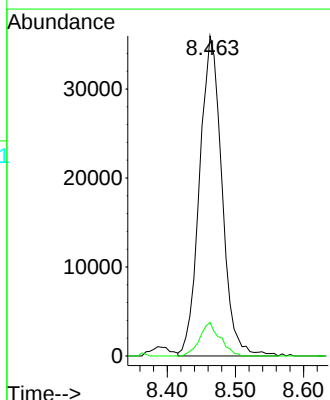
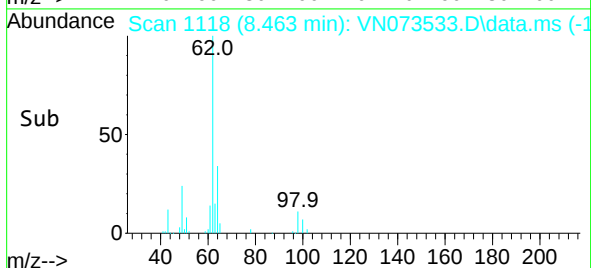
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#42
1,2-Dichloroethane
Concen: 21.159 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45



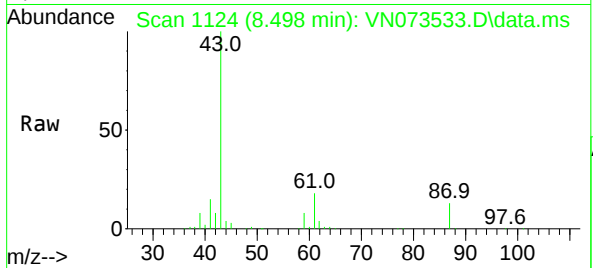
Tgt Ion:	62	Resp:	82010
Ion Ratio	100	Lower	Upper
98	9.6	0.0	19.4





#43
Isopropyl Acetate
Concen: 23.054 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

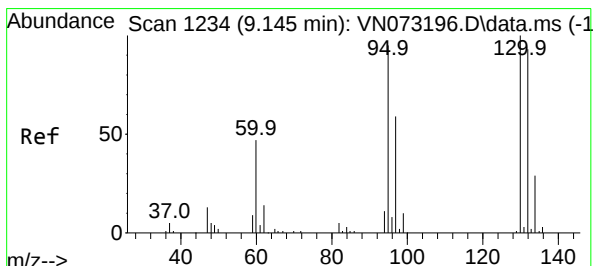
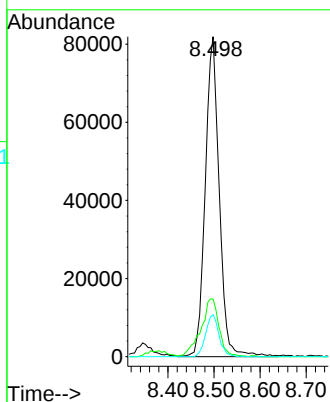
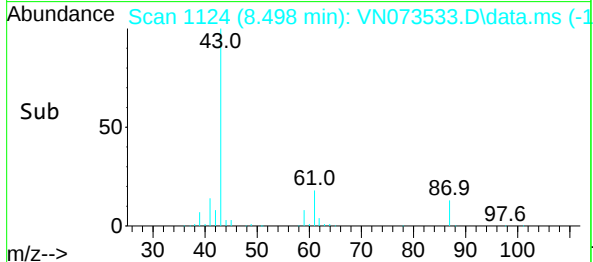
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



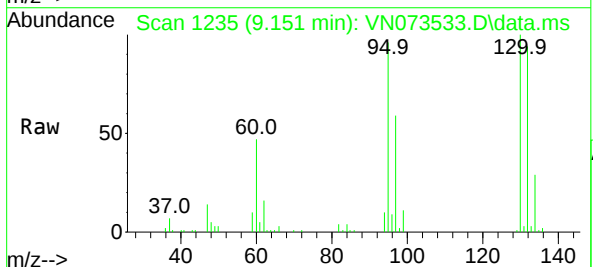
Tgt Ion: 43 Resp: 17344
Ion Ratio Lower Upper
43 100
61 23.4 21.9 32.9
87 12.5 12.0 18.0

Manual Integrations
APPROVED

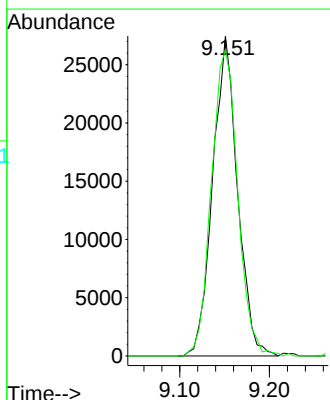
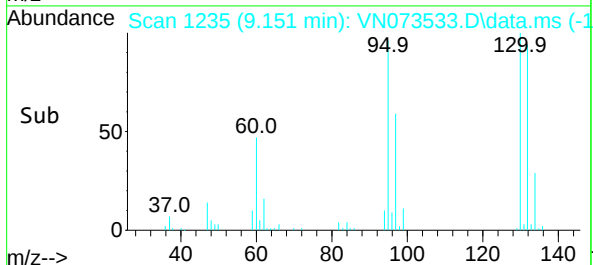
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#44
Trichloroethene
Concen: 19.348 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45



Tgt Ion:130 Resp: 52645
Ion Ratio Lower Upper
130 100
95 95.7 0.0 186.8





#45

1,2-Dichloropropane

Concen: 21.864 ug/l

RT: 9.427 min Scan# 1281

Delta R.T. 0.005 min

Lab File: VN073533.D

Acq: 20 Jul 2022 19:45

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBSD01

Tgt Ion: 63 Resp: 5958

Ion Ratio Lower Upper

63 100

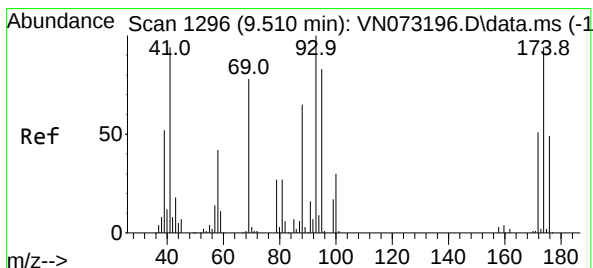
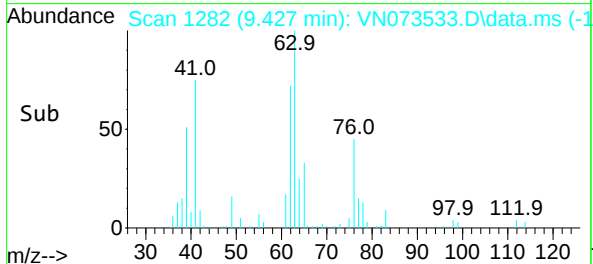
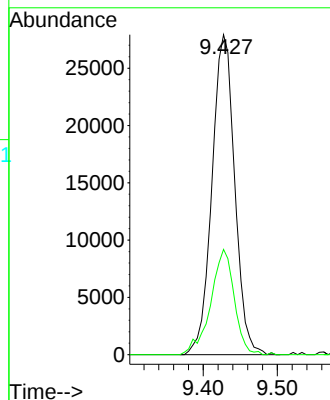
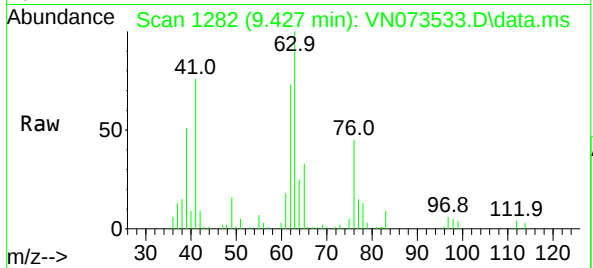
65 32.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#46

Dibromomethane

Concen: 21.255 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN073533.D

Acq: 20 Jul 2022 19:45

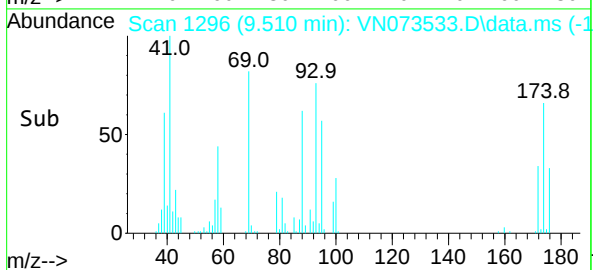
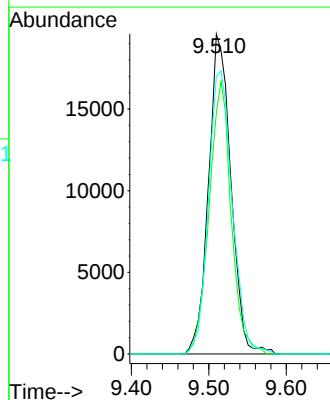
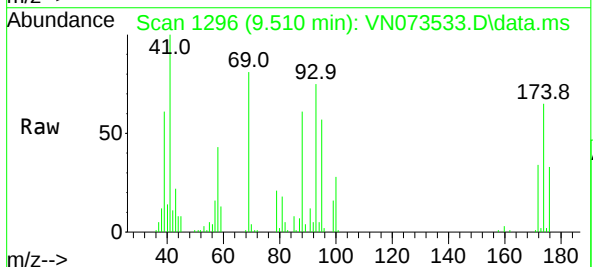
Tgt Ion: 93 Resp: 39331

Ion Ratio Lower Upper

93 100

95 83.8 66.9 100.3

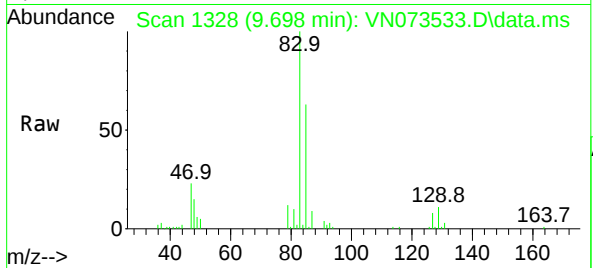
174 94.0 86.6 130.0





#47
Bromodichloromethane
Concen: 21.572 ug/l
RT: 9.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

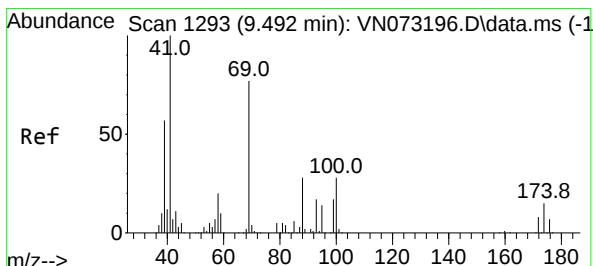
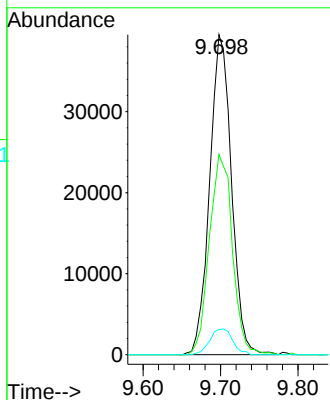
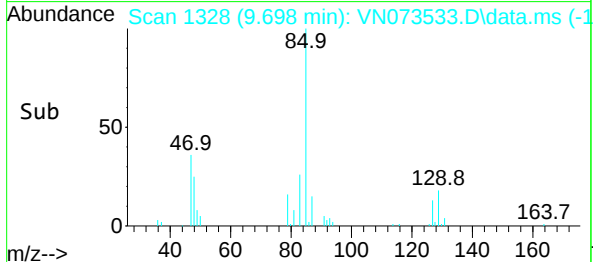
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



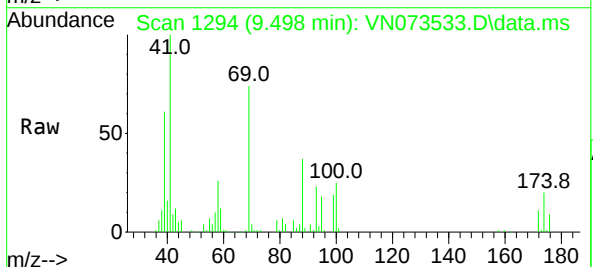
Tgt Ion: 83 Resp: 7731
Ion Ratio Lower Upper
83 100
85 62.6 50.5 75.7
127 7.9 6.8 10.2

Manual Integrations
APPROVED

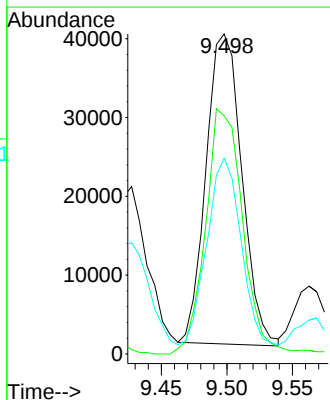
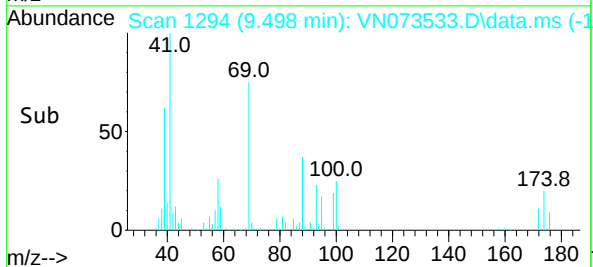
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

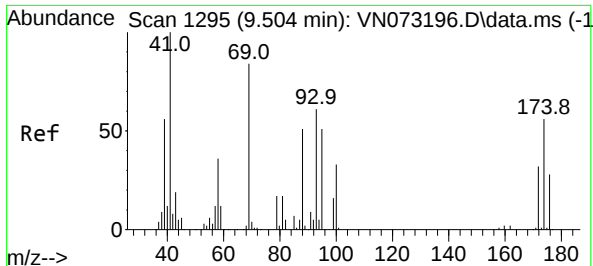


#48
Methyl methacrylate
Concen: 21.449 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45



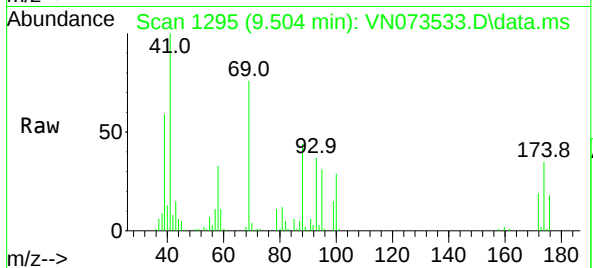
Tgt Ion: 41 Resp: 74717
Ion Ratio Lower Upper
41 100
69 82.3 74.7 112.1
39 63.7 45.6 68.4





#49
1,4-Dioxane
Concen: 546.513 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

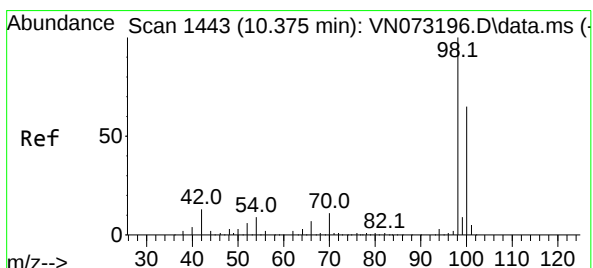
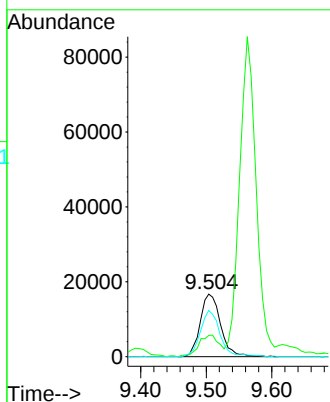
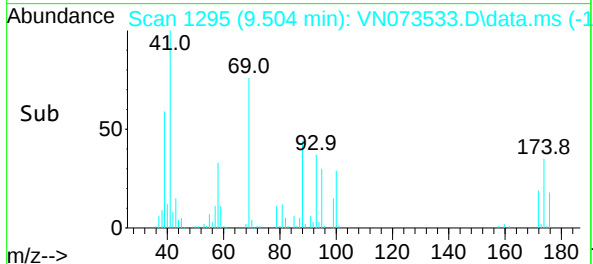
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



Tgt Ion: 88 Resp: 36140
Ion Ratio Lower Upper
88 100
43 35.1 20.2 30.4
58 71.6 54.2 81.4

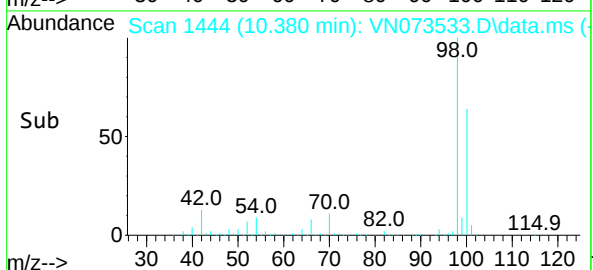
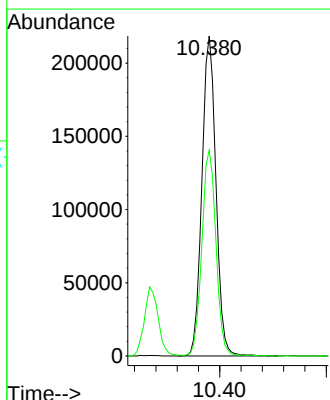
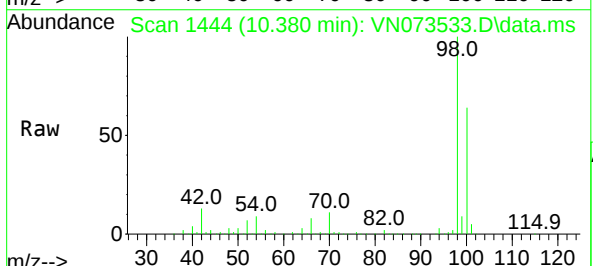
Manual Integrations
APPROVED

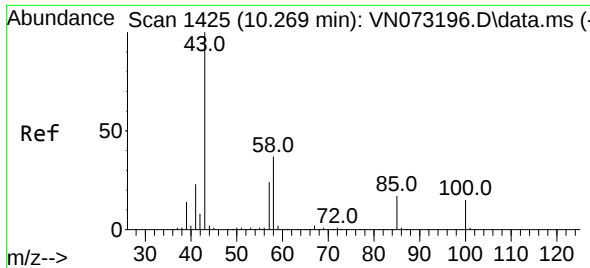
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#50
Toluene-d8
Concen: 49.801 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

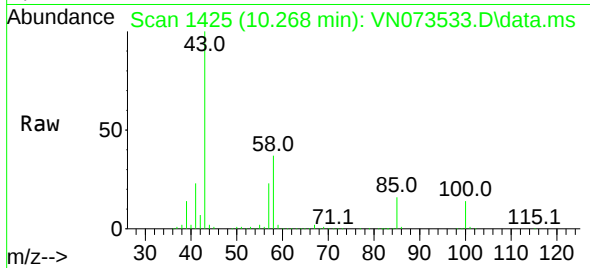
Tgt Ion: 98 Resp: 398257
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 129.472 ug/l
RT: 10.268 min Scan# 1425
Delta R.T. -0.001 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

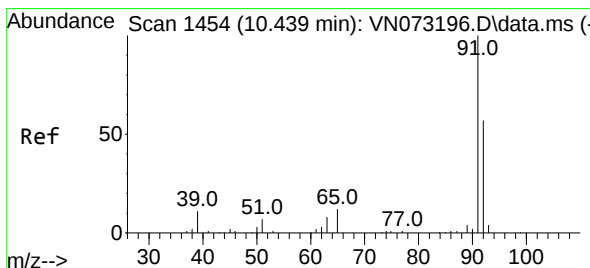
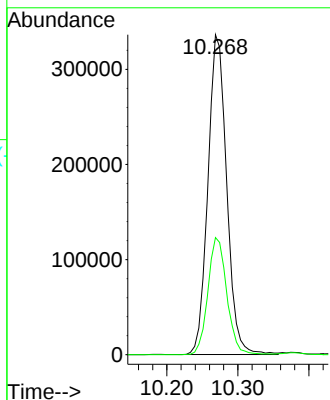
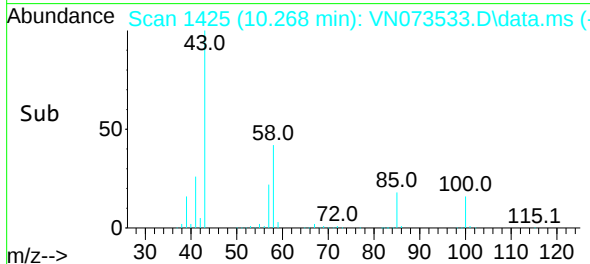
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



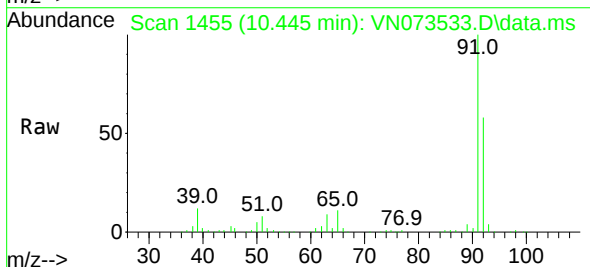
Tgt Ion: 43 Resp: 617709
Ion Ratio Lower Upper
43 100
58 36.9 34.1 51.1

Manual Integrations
APPROVED

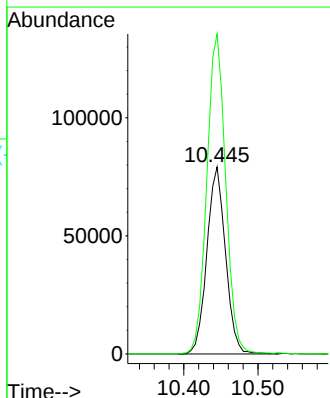
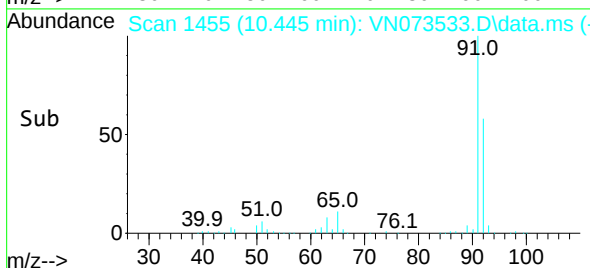
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

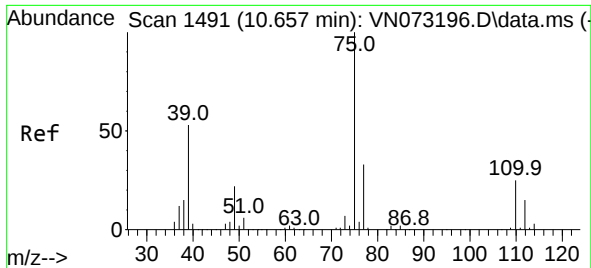


#52
Toluene
Concen: 20.901 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45



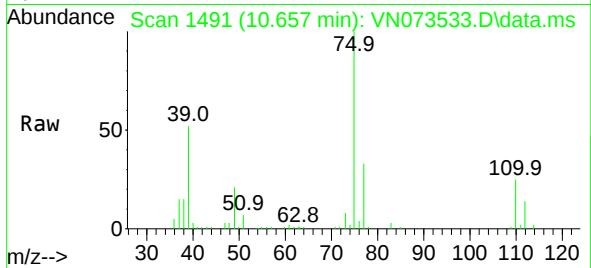
Tgt Ion: 92 Resp: 138107
Ion Ratio Lower Upper
92 100
91 173.3 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 20.084 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

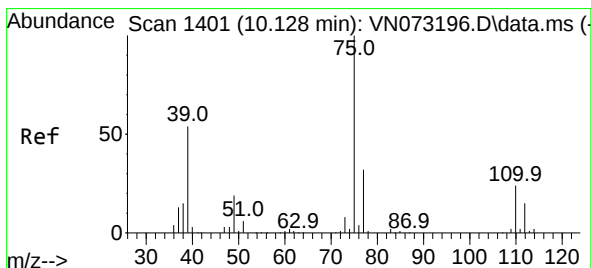
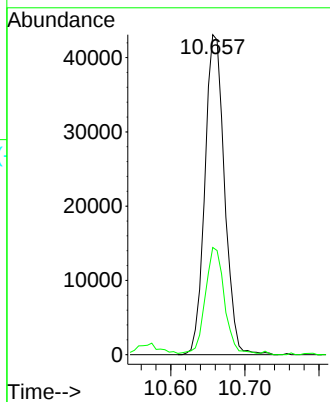
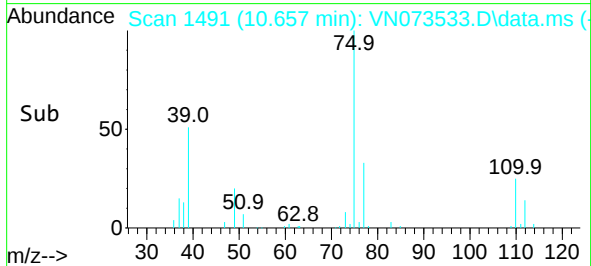
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



Tgt Ion: 75 Resp: 79238
Ion Ratio Lower Upper
75 100
77 33.5 25.6 38.4

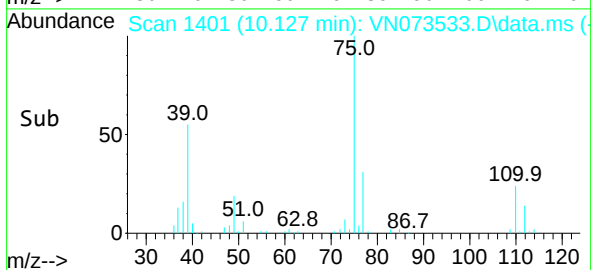
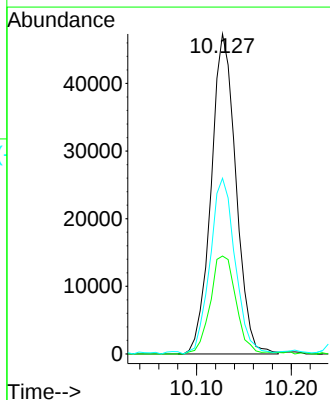
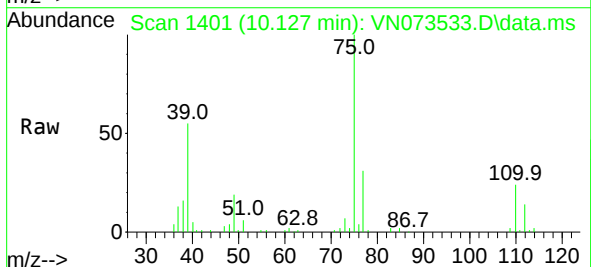
Manual Integrations
APPROVED

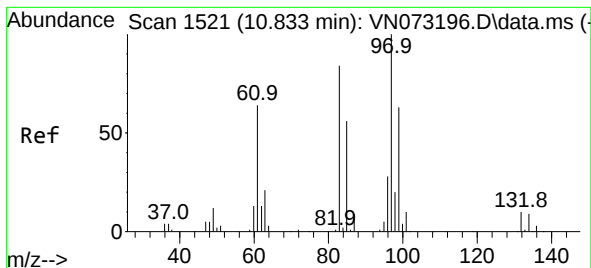
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#54
cis-1,3-Dichloropropene
Concen: 20.205 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. -0.001 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

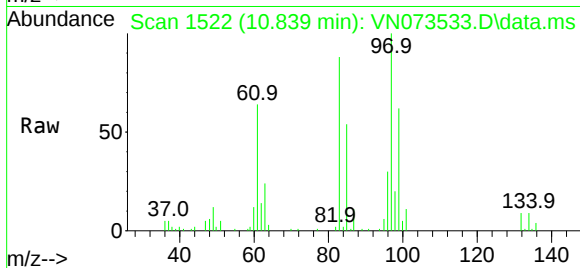
Tgt Ion: 75 Resp: 86062
Ion Ratio Lower Upper
75 100
77 30.6 25.2 37.8
39 54.2 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 22.126 ug/l
RT: 10.839 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

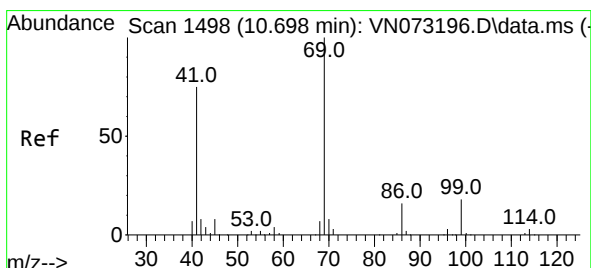
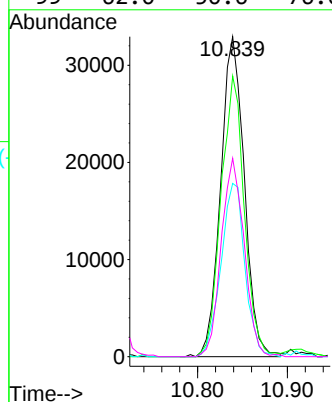
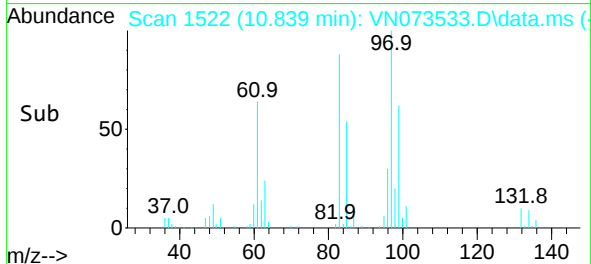
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



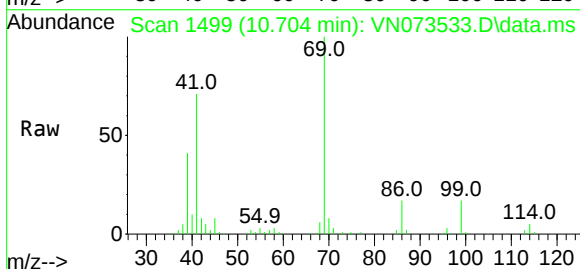
Tgt Ion: 97 Resp: 60188
Ion Ratio Lower Upper
97 100
83 87.7 66.2 99.4
85 54.1 43.9 65.9
99 62.0 50.6 76.0

Manual Integrations
APPROVED

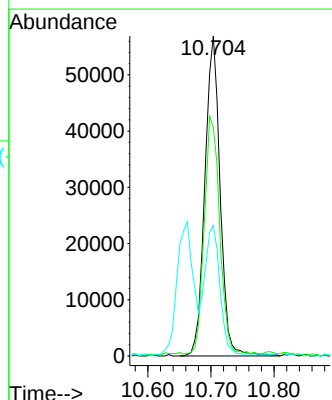
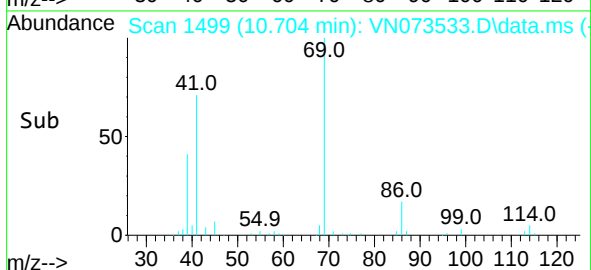
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#56
Ethyl methacrylate
Concen: 21.651 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.006 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45



Tgt Ion: 69 Resp: 95196
Ion Ratio Lower Upper
69 100
41 75.1 47.8 71.6#
39 40.6 27.3 40.9





#57

1,3-Dichloropropane

Concen: 21.795 ug/l

RT: 10.986 min Scan# 1546

Delta R.T. 0.006 min

Lab File: VN073533.D

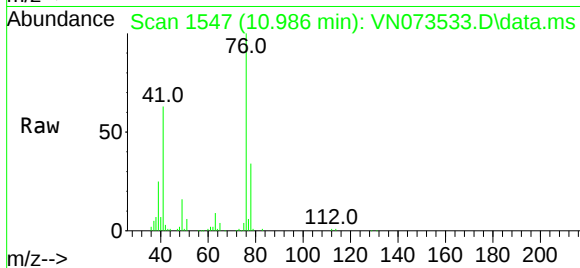
Acq: 20 Jul 2022 19:45

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBSD01



Tgt Ion: 76 Resp: 10163

Ion Ratio Lower Upper

76 100

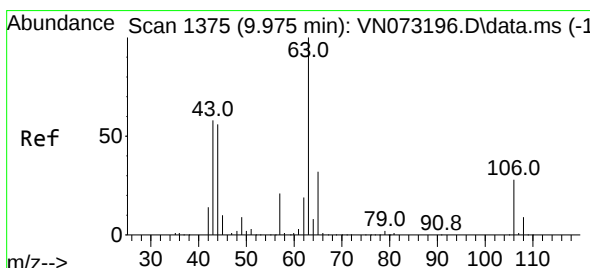
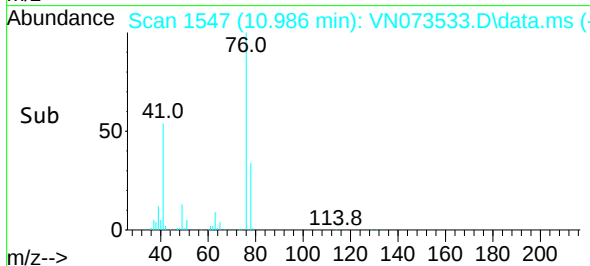
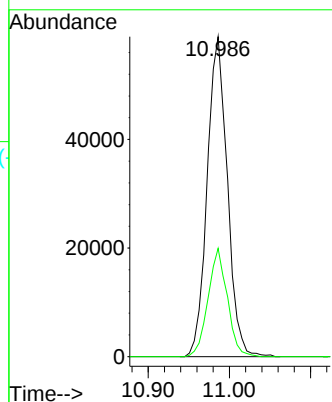
78 32.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 107.371 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.005 min

Lab File: VN073533.D

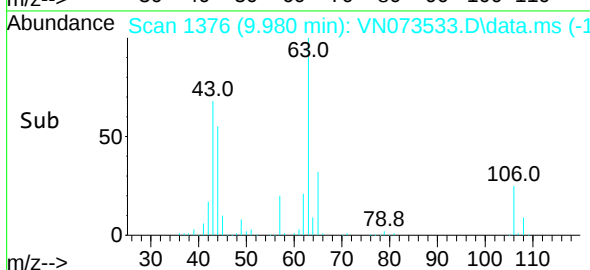
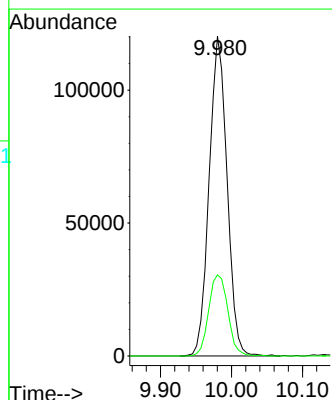
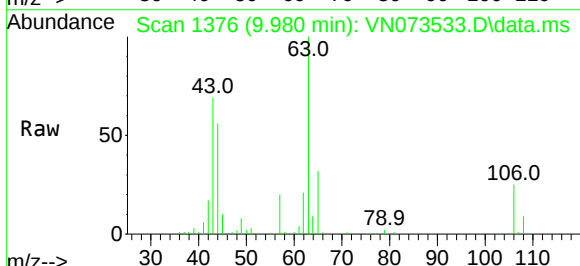
Acq: 20 Jul 2022 19:45

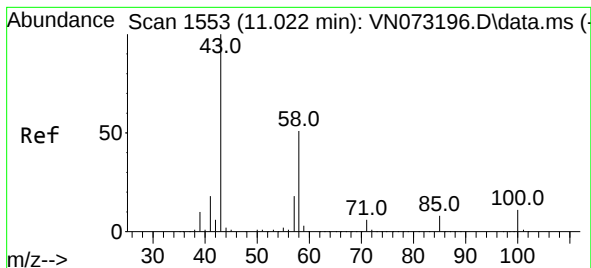
Tgt Ion: 63 Resp: 210545

Ion Ratio Lower Upper

63 100

106 27.0 24.6 36.8





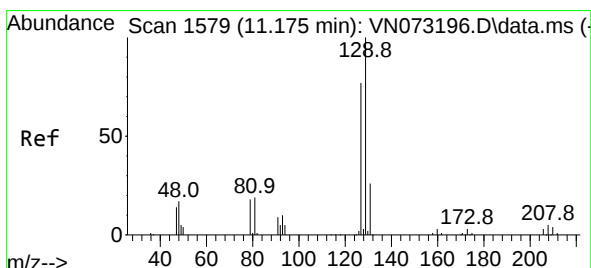
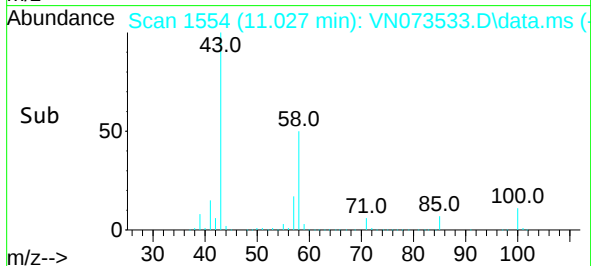
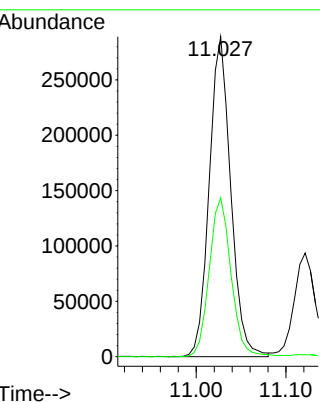
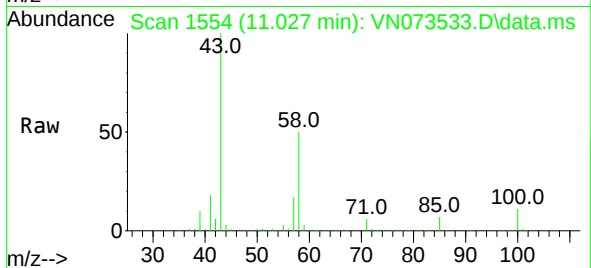
#59
2-Hexanone
Concen: 132.168 ug/l
RT: 11.027 min Scan# 1153
Delta R.T. 0.005 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01

Tgt Ion: 43 Resp: 480660
Ion Ratio Lower Upper
43 100
58 50.2 29.7 89.1

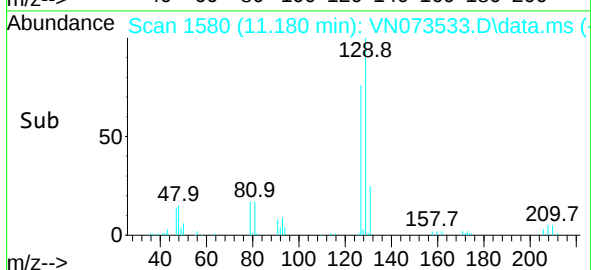
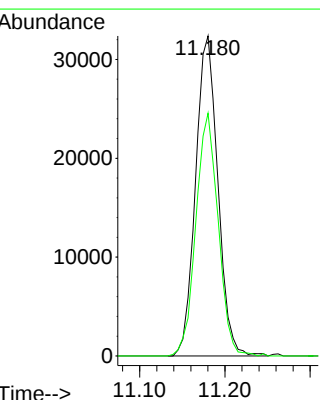
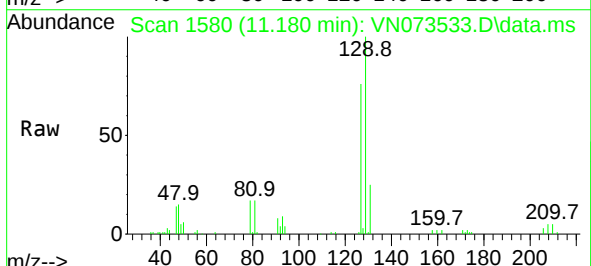
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#60
Dibromochloromethane
Concen: 22.673 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.005 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

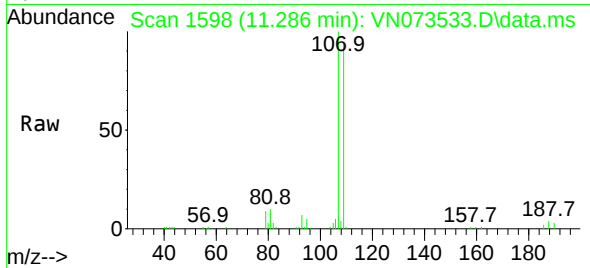
Tgt Ion:129 Resp: 58805
Ion Ratio Lower Upper
129 100
127 75.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 21.884 ug/l
RT: 11.286 min Scan# 11286
Delta R.T. 0.006 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

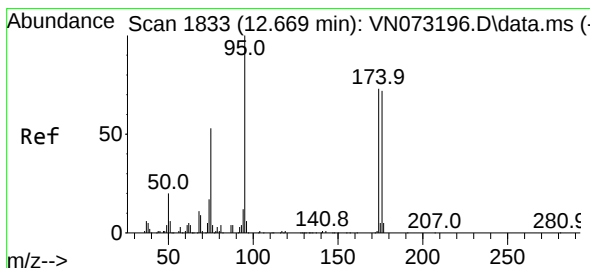
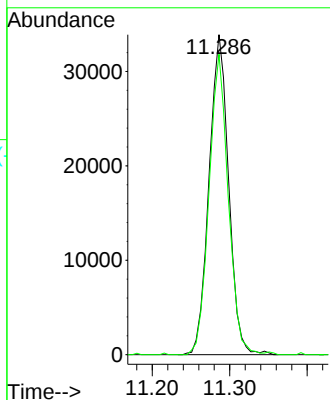
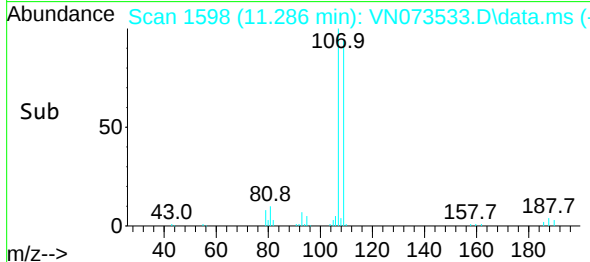
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



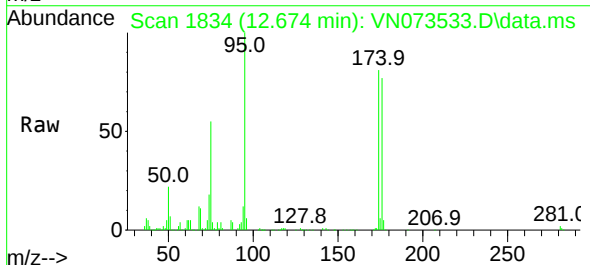
Tgt Ion:107 Resp: 5946
Ion Ratio Lower Upper
107 100
109 92.3 75.0 112.6

Manual Integrations
APPROVED

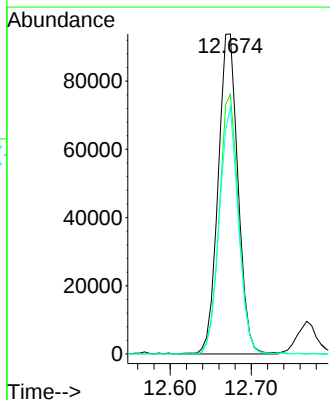
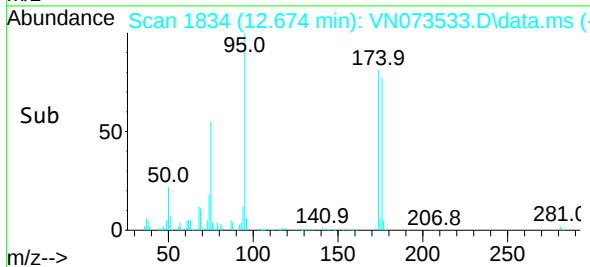
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#62
4-Bromofluorobenzene
Concen: 51.984 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45



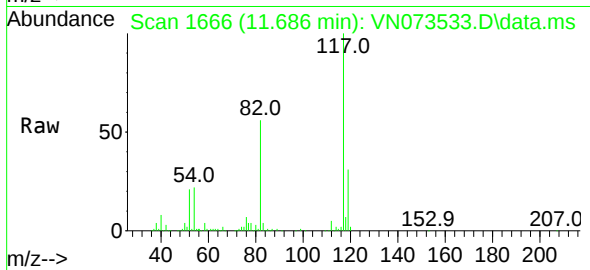
Tgt Ion: 95 Resp: 159758
Ion Ratio Lower Upper
95 100
174 78.9 0.0 167.6
176 74.1 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.006 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

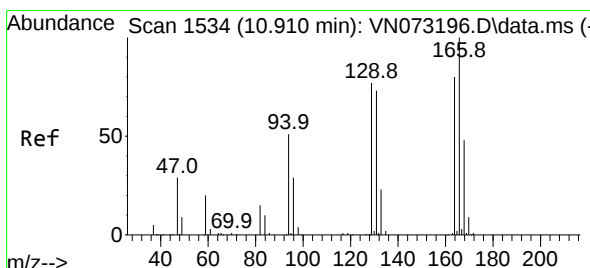
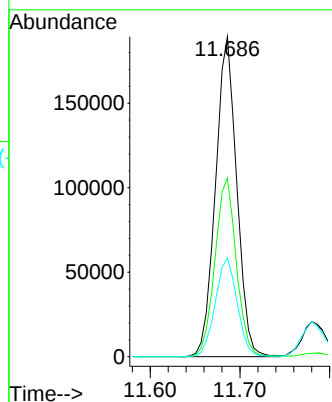
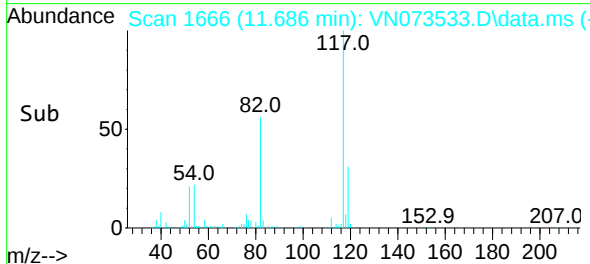
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



Tgt Ion:117 Resp: 310934
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 30.8 25.4 38.0

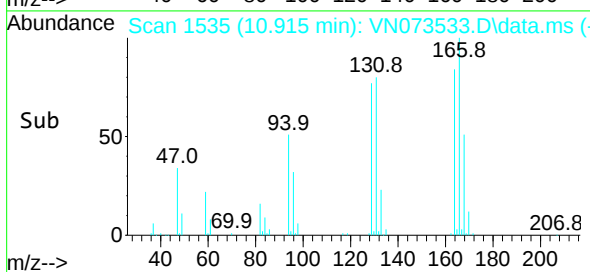
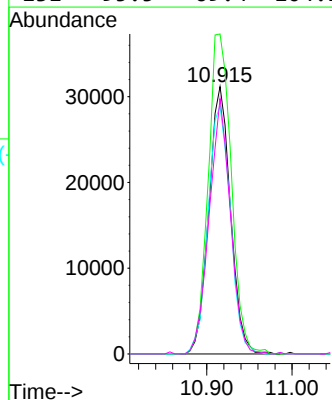
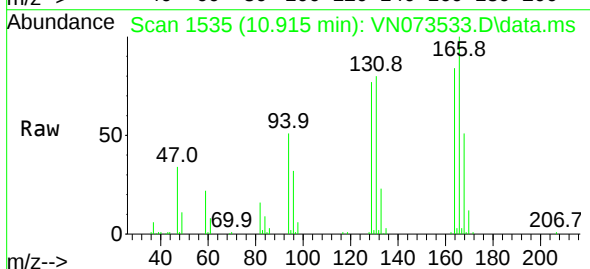
Manual Integrations
APPROVED

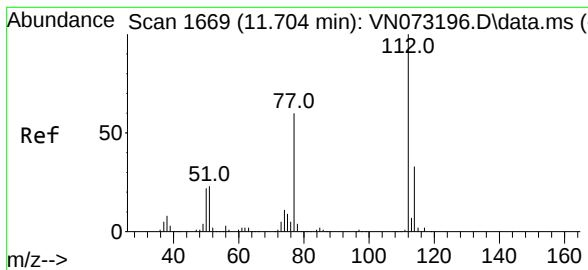
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#64
Tetrachloroethene
Concen: 21.804 ug/l
RT: 10.915 min Scan# 1535
Delta R.T. 0.005 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

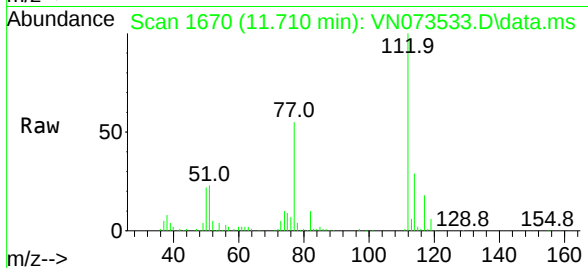
Tgt Ion:164 Resp: 55361
Ion Ratio Lower Upper
164 100
166 119.7 104.2 156.2
129 92.7 73.9 110.9
131 95.5 69.4 104.2





#65
Chlorobenzene
Concen: 20.634 ug/l
RT: 11.710 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

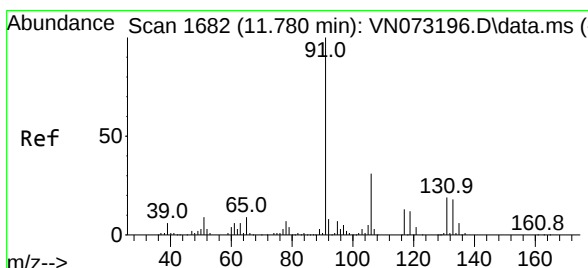
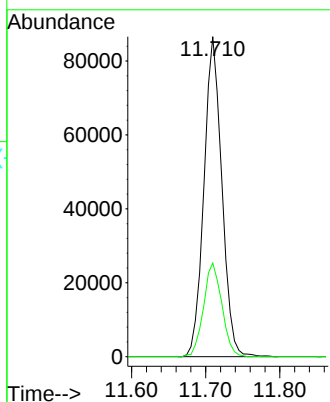
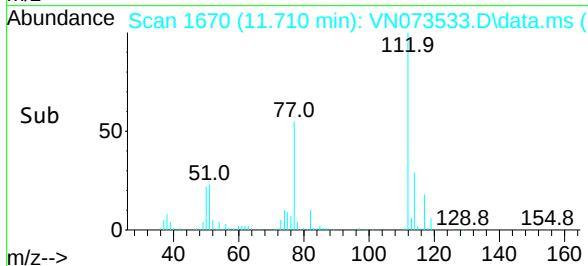
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



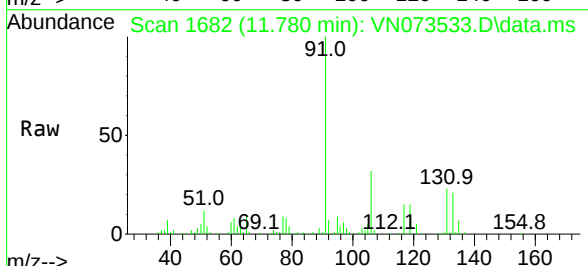
Tgt Ion:112 Resp: 145104
Ion Ratio Lower Upper
112 100
114 29.3 25.4 38.2

Manual Integrations
APPROVED

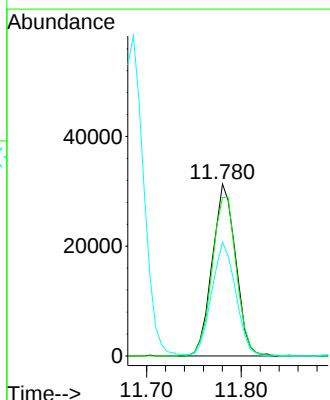
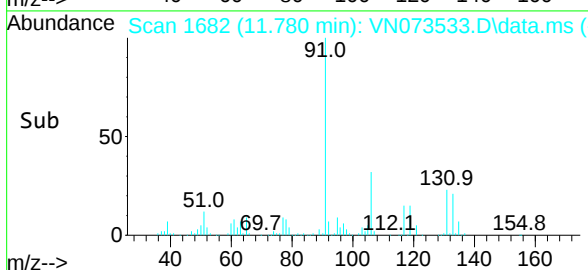
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

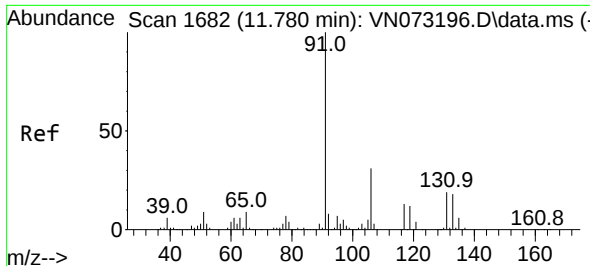


#66
1,1,1,2-Tetrachloroethane
Concen: 20.833 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45



Tgt Ion:131 Resp: 53885
Ion Ratio Lower Upper
131 100
133 96.1 47.8 143.4
119 67.6 33.4 100.2





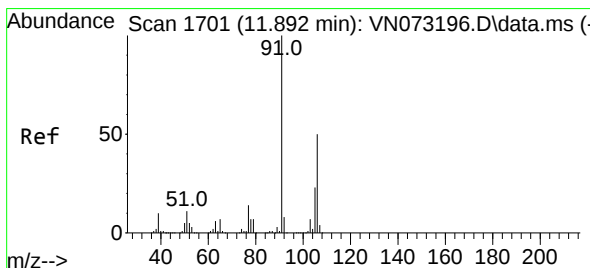
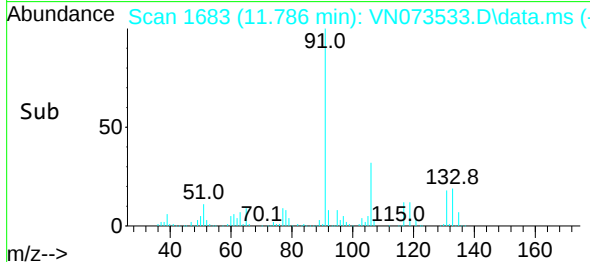
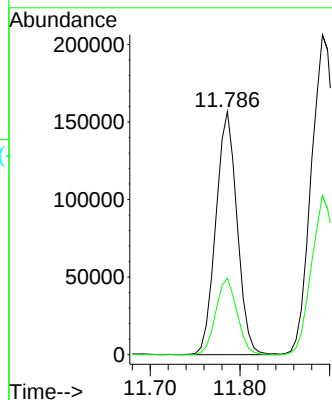
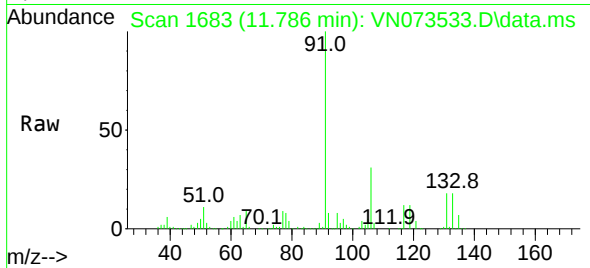
#67
Ethyl Benzene
Concen: 20.189 ug/l
RT: 11.786 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01

Tgt Ion: 91 Resp: 257752
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

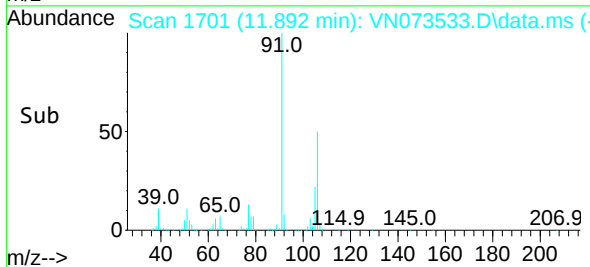
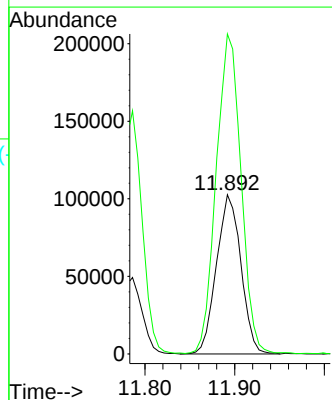
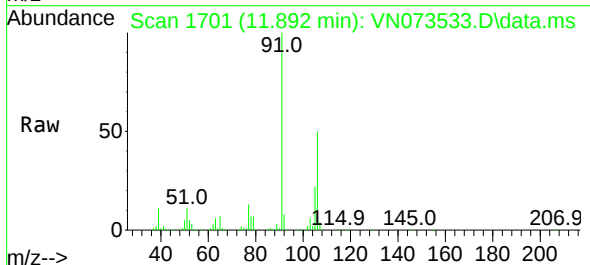
Manual Integrations
APPROVED

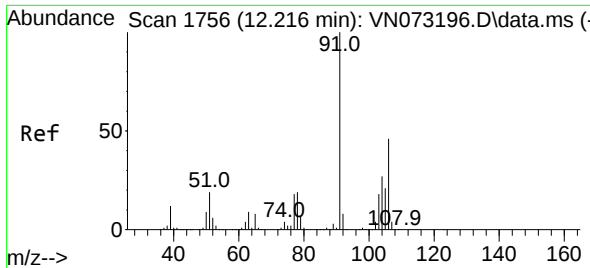
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#68
m/p-Xylenes
Concen: 40.383 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

Tgt Ion:106 Resp: 194569
Ion Ratio Lower Upper
106 100
91 203.1 158.9 238.3





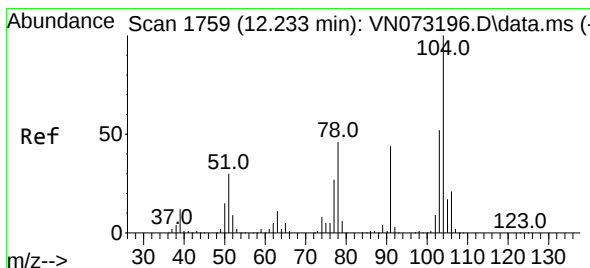
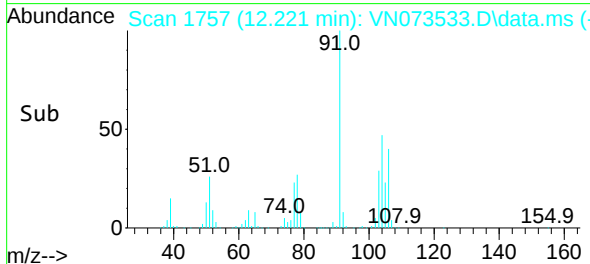
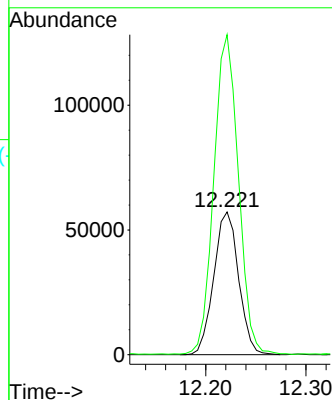
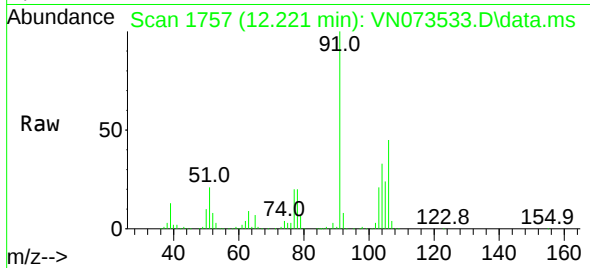
#69
o-Xylene
Concen: 20.013 ug/l
RT: 12.221 min Scan# 1756
Delta R.T. 0.005 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01

Tgt Ion:106 Resp: 98430
Ion Ratio Lower Upper
106 100
91 221.3 106.0 318.0

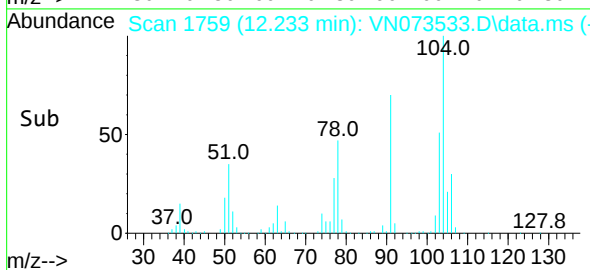
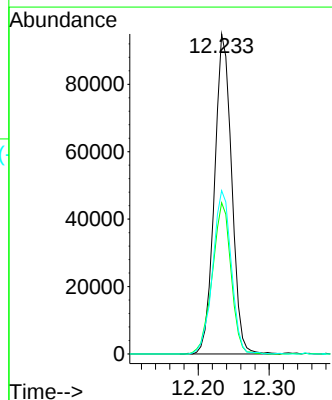
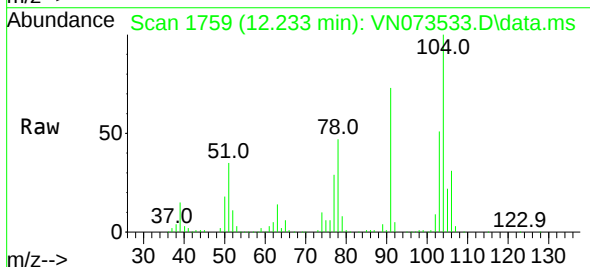
Manual Integrations
APPROVED

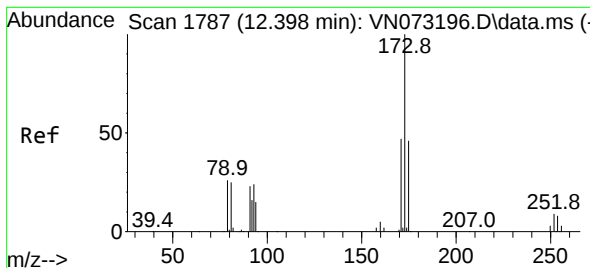
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#70
Styrene
Concen: 21.012 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

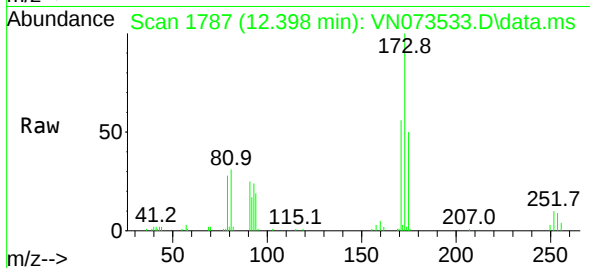
Tgt Ion:104 Resp: 159563
Ion Ratio Lower Upper
104 100
78 51.3 39.5 59.3
103 55.1 44.0 66.0





#71
Bromoform
Concen: 22.642 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

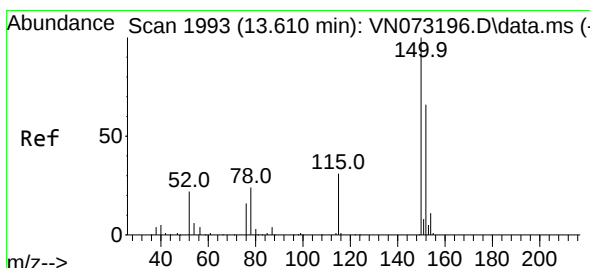
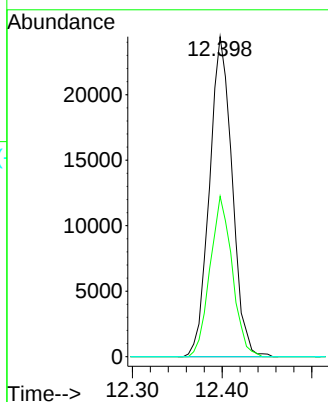
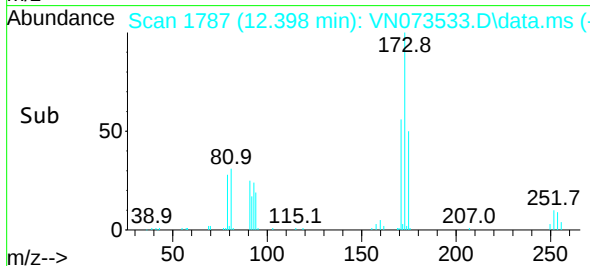
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



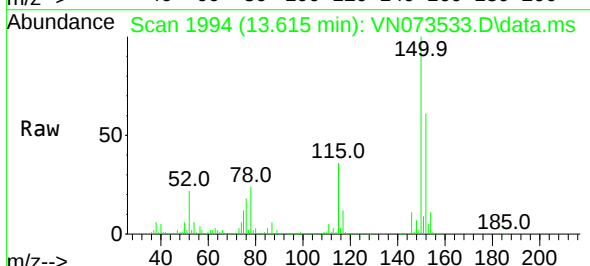
Tgt Ion:173 Resp: 42854
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

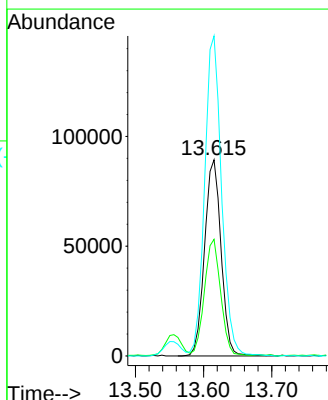
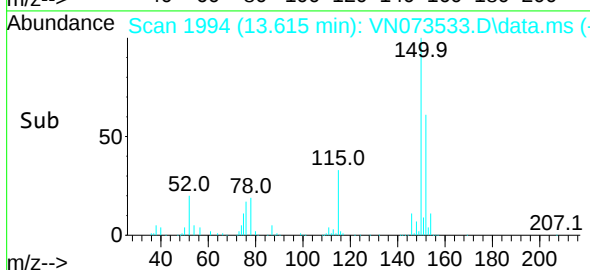
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

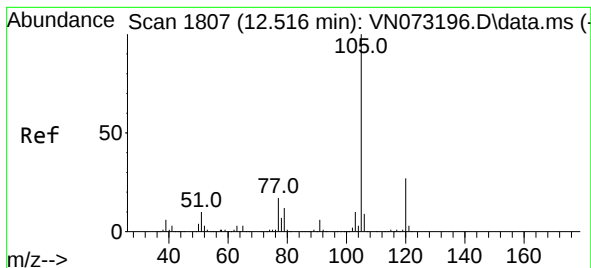


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45



Tgt Ion:152 Resp: 150866
Ion Ratio Lower Upper
152 100
115 57.7 28.9 86.7
150 167.2 0.0 356.2





#73

Isopropylbenzene

Concen: 20.084 ug/l

RT: 12.521 min Scan# 1808

Delta R.T. 0.005 min

Lab File: VN073533.D

Acq: 20 Jul 2022 19:45

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBSD01

Tgt Ion:105 Resp: 261648

Ion Ratio Lower Upper

105 100

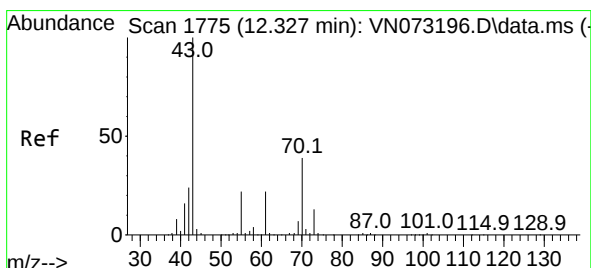
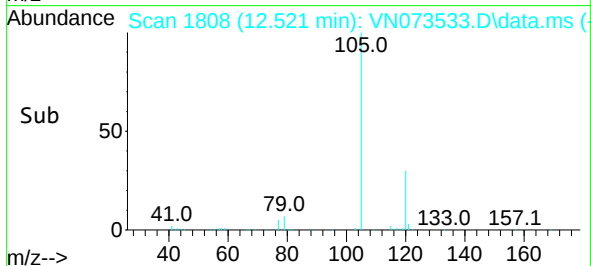
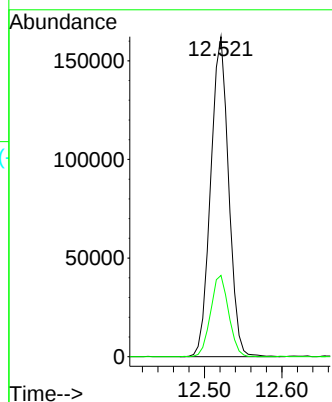
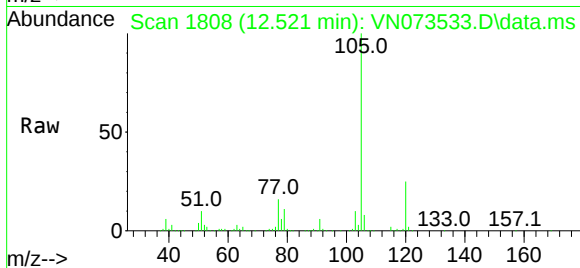
120 25.5 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#74

N-amy1 acetate

Concen: 20.353 ug/l

RT: 12.327 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN073533.D

Acq: 20 Jul 2022 19:45

Tgt Ion: 43 Resp: 132768

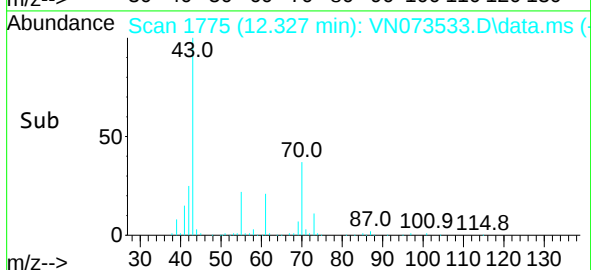
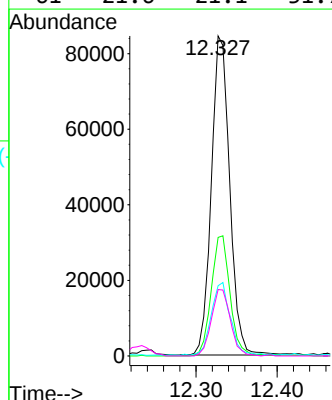
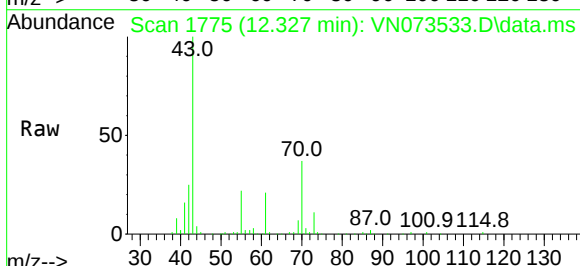
Ion Ratio Lower Upper

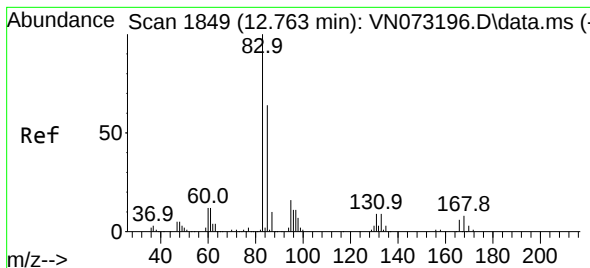
43 100

70 38.5 39.0 58.4#

55 23.8 21.1 31.7

61 21.6 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 22.321 ug/l

RT: 12.768 min Scan# 1849

Delta R.T. 0.005 min

Lab File: VN073533.D

Acq: 20 Jul 2022 19:45

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBSD01

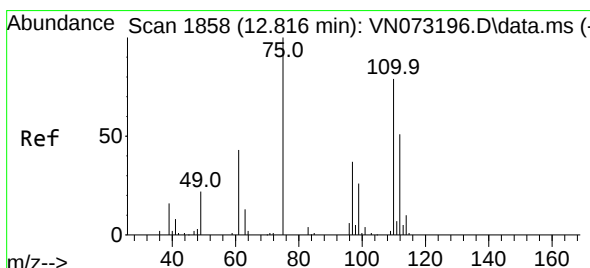
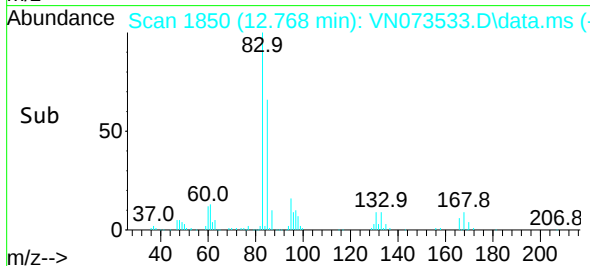
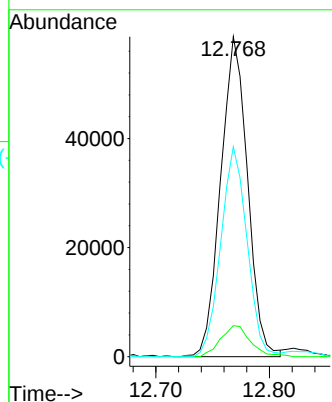
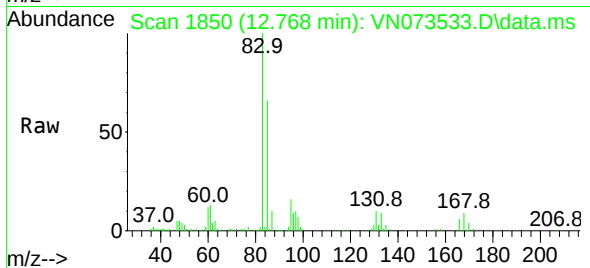
Tgt Ion: 83 Resp: 96498
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.3 15.9
 85 64.1 32.3 96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#76

1,2,3-Trichloropropane

Concen: 21.737 ug/l m

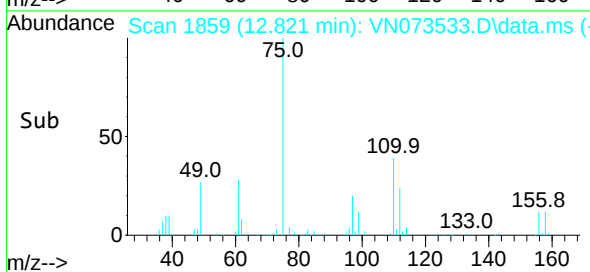
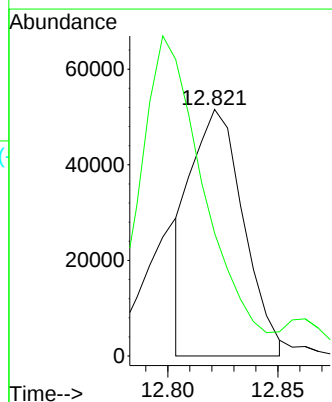
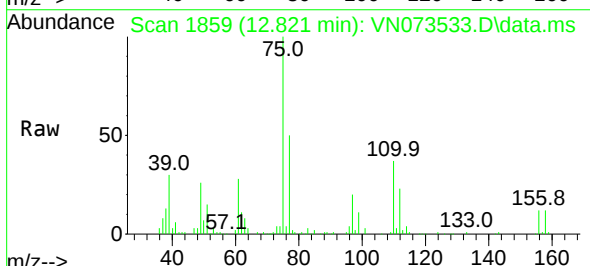
RT: 12.821 min Scan# 1859

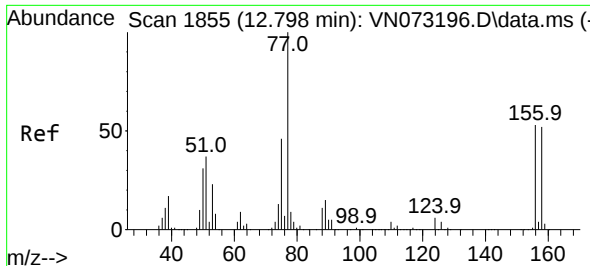
Delta R.T. 0.005 min

Lab File: VN073533.D

Acq: 20 Jul 2022 19:45

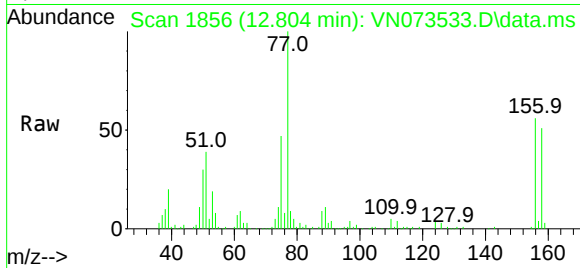
Tgt Ion: 75 Resp: 85749
 Ion Ratio Lower Upper
 75 100
 77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 19.679 ug/l
RT: 12.804 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

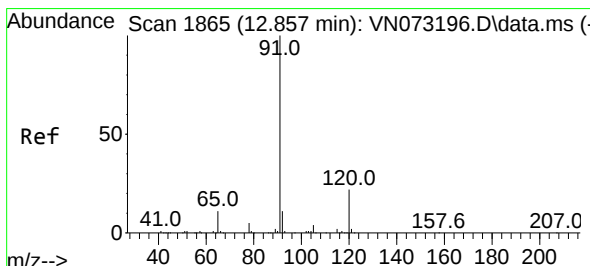
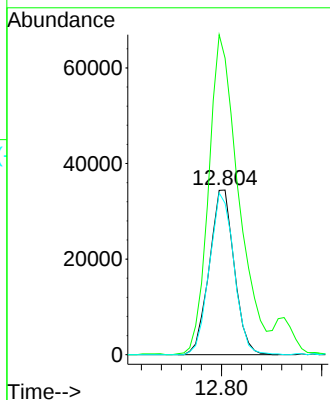
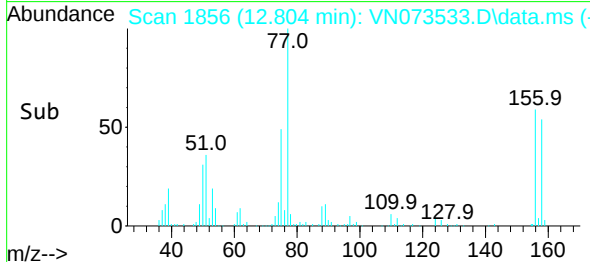
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



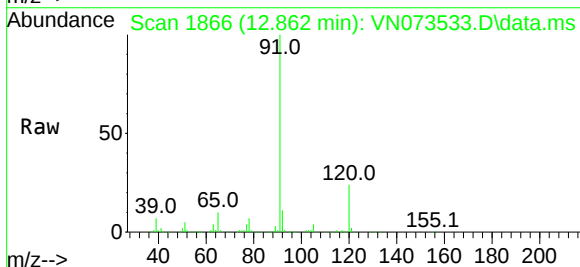
Tgt Ion:156 Resp: 5960
Ion Ratio Lower Upper
156 100
77 231.6 100.5 301.5
158 96.8 48.9 146.6

Manual Integrations
APPROVED

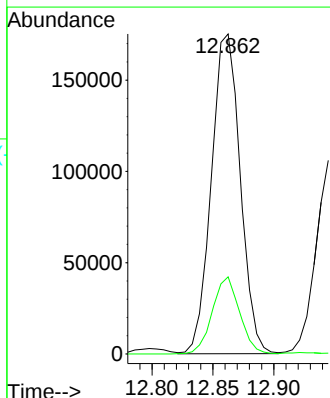
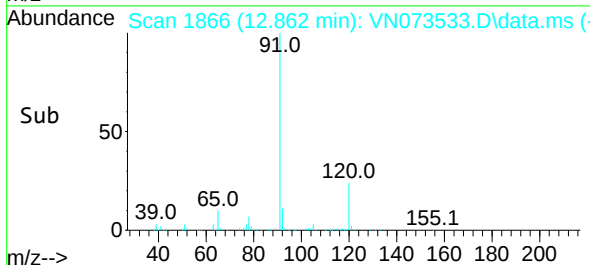
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

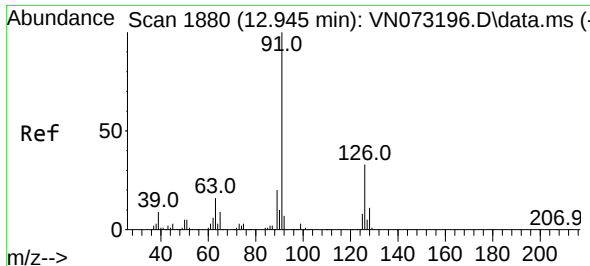


#78
n-propylbenzene
Concen: 20.000 ug/l
RT: 12.862 min Scan# 1866
Delta R.T. 0.005 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45



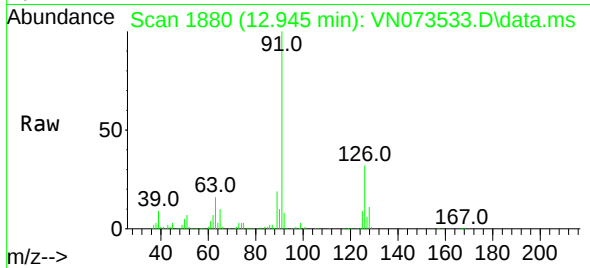
Tgt Ion: 91 Resp: 289453
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.5





#79
2-Chlorotoluene
Concen: 19.877 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

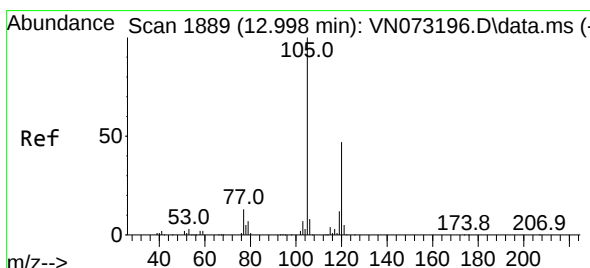
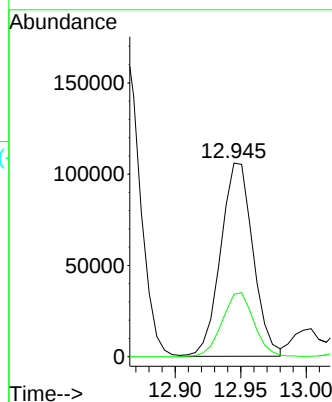
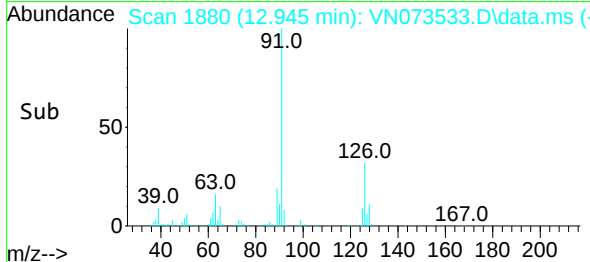
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



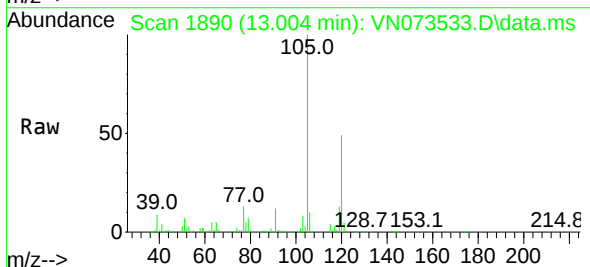
Tgt Ion: 91 Resp: 182075
Ion Ratio Lower Upper
91 100
126 32.6 17.3 51.9

Manual Integrations
APPROVED

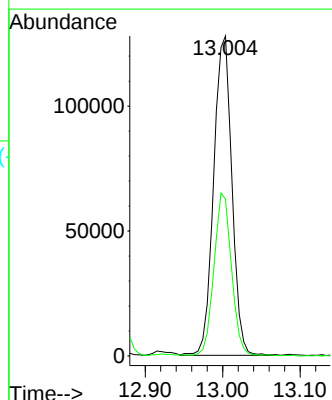
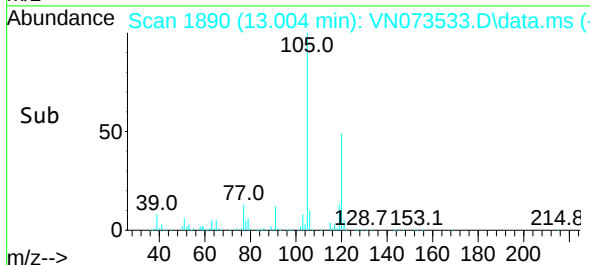
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

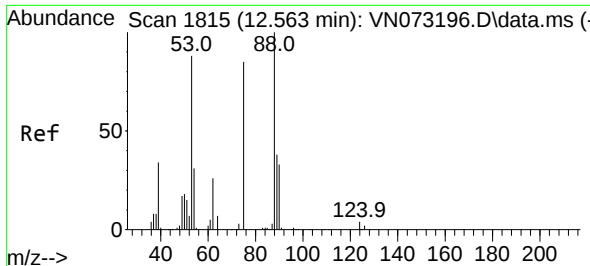


#80
1,3,5-Trimethylbenzene
Concen: 19.647 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45



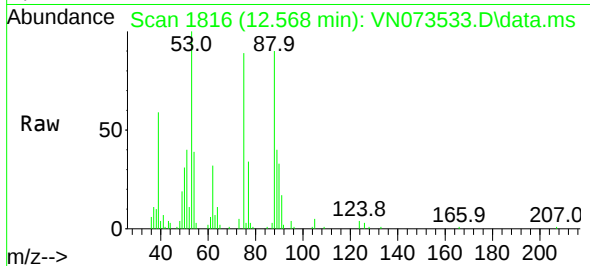
Tgt Ion:105 Resp: 208628
Ion Ratio Lower Upper
105 100
120 49.0 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 18.175 ug/l
RT: 12.568 min Scan# 1815
Delta R.T. 0.005 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

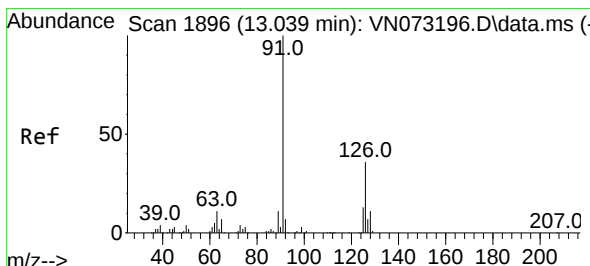
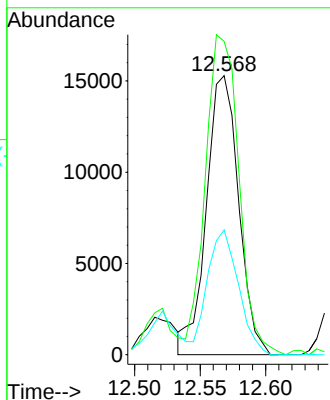
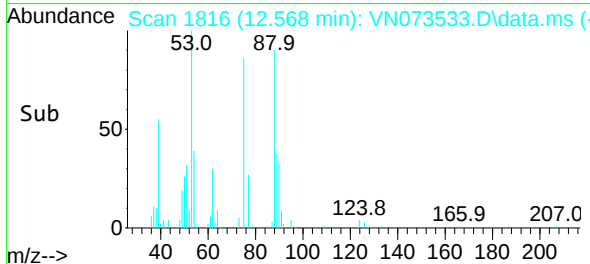
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



Tgt Ion: 75 Resp: 2614
Ion Ratio Lower Upper
75 100
53 118.6 78.0 117.0
89 42.7 37.2 55.8

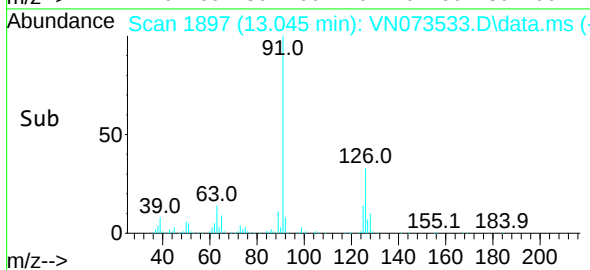
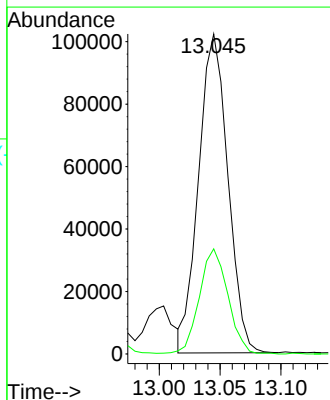
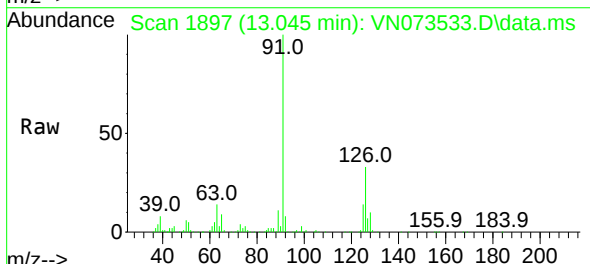
Manual Integrations
APPROVED

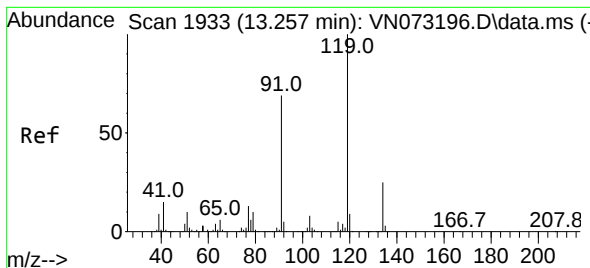
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#82
4-Chlorotoluene
Concen: 19.268 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

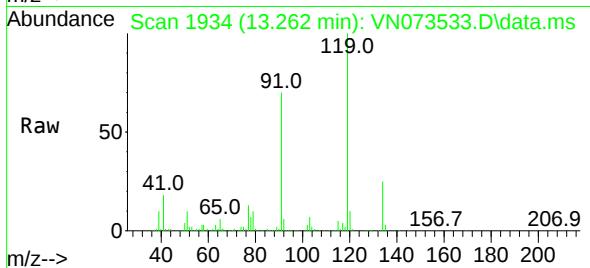
Tgt Ion: 91 Resp: 170873
Ion Ratio Lower Upper
91 100
126 32.3 17.2 51.6





#83
tert-Butylbenzene
Concen: 20.589 ug/l
RT: 13.262 min Scan# 1933
Delta R.T. 0.005 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

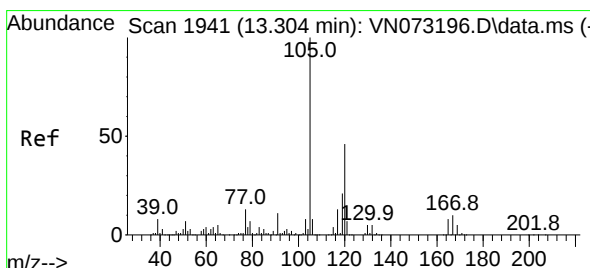
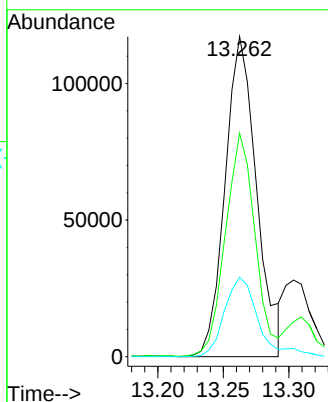
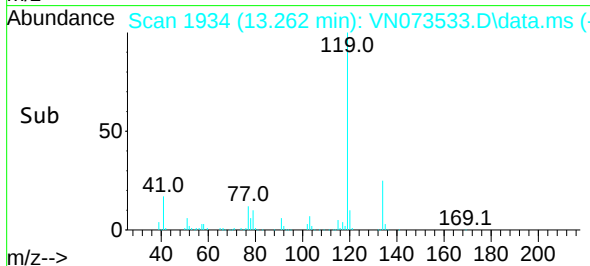
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



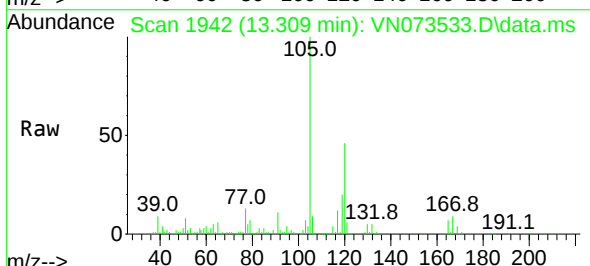
Tgt Ion:119 Resp: 196004
Ion Ratio Lower Upper
119 100
91 65.6 31.6 94.8
134 26.7 13.7 41.1

Manual Integrations
APPROVED

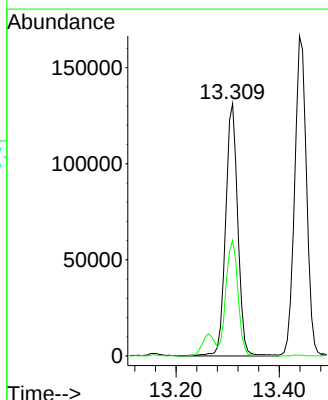
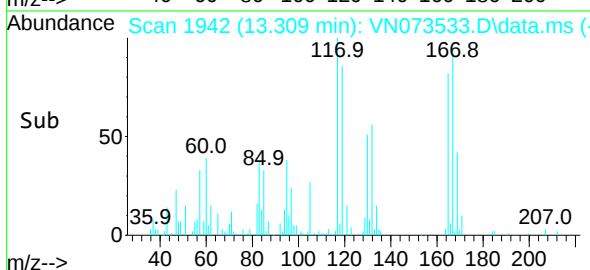
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

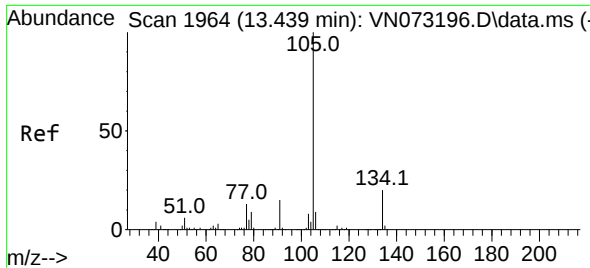


#84
1,2,4-Trimethylbenzene
Concen: 20.274 ug/l
RT: 13.309 min Scan# 1942
Delta R.T. 0.005 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45



Tgt Ion:105 Resp: 214943
Ion Ratio Lower Upper
105 100
120 45.0 23.3 69.8





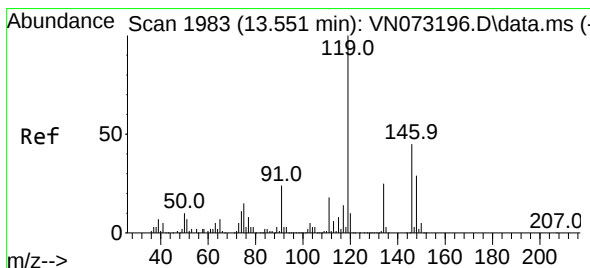
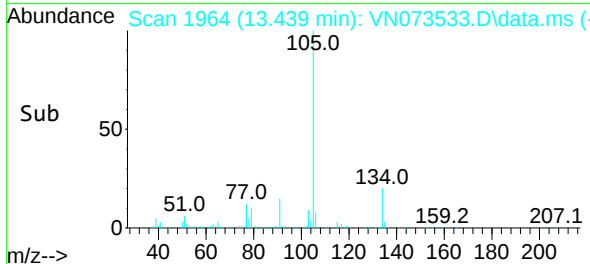
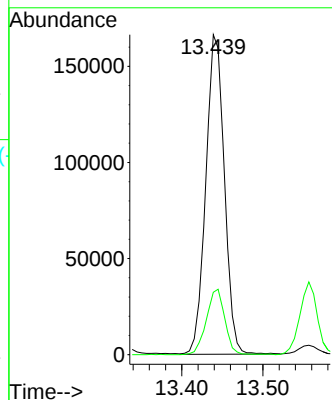
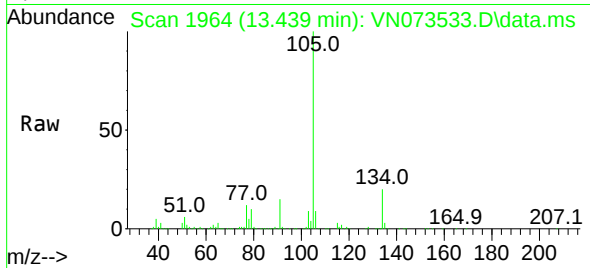
#85
 sec-Butylbenzene
 Concen: 20.645 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073533.D
 Acq: 20 Jul 2022 19:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBSD01

Tgt Ion:105 Resp: 26391
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1

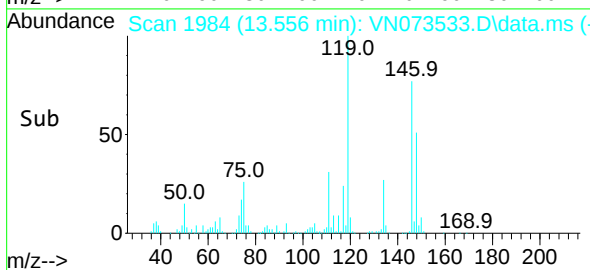
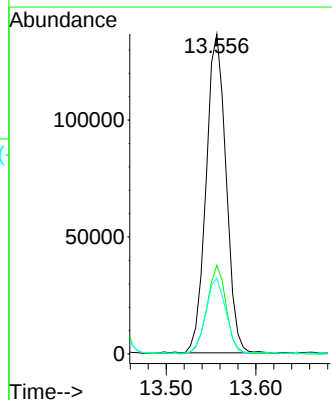
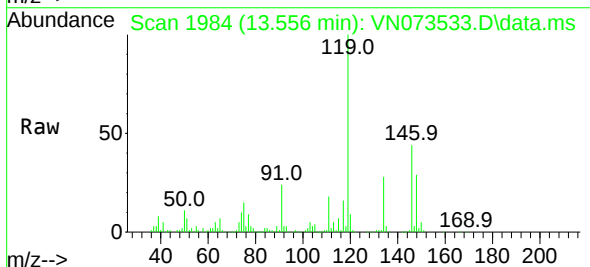
Manual Integrations
 APPROVED

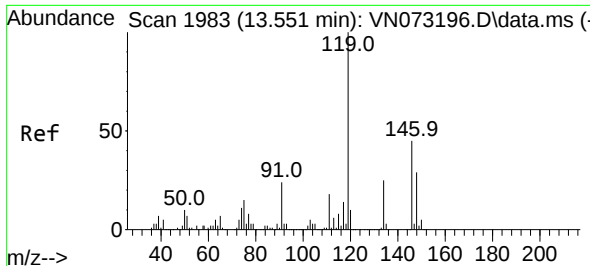
Reviewed By :John Carlone 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022



#86
 p-Isopropyltoluene
 Concen: 20.348 ug/l
 RT: 13.556 min Scan# 1984
 Delta R.T. 0.005 min
 Lab File: VN073533.D
 Acq: 20 Jul 2022 19:45

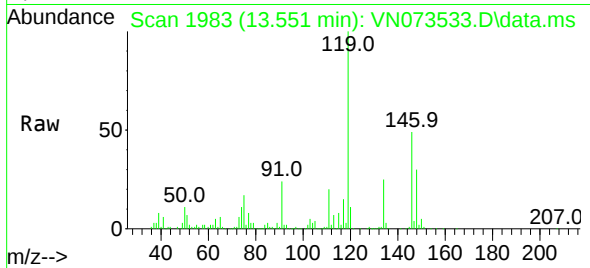
Tgt Ion:119 Resp: 210119
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 23.2 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 19.578 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

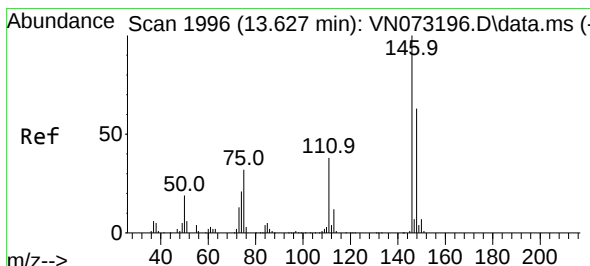
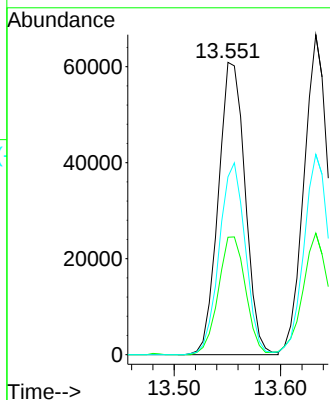
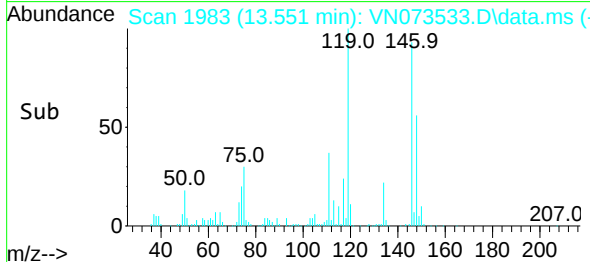
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



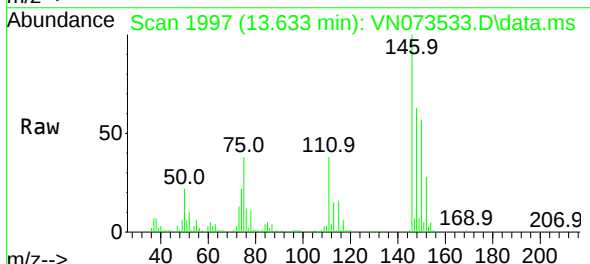
Tgt Ion:146 Resp: 106380
Ion Ratio Lower Upper
146 100
111 41.0 20.0 60.0
148 63.8 32.0 96.0

Manual Integrations
APPROVED

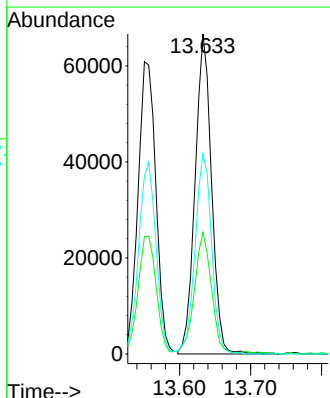
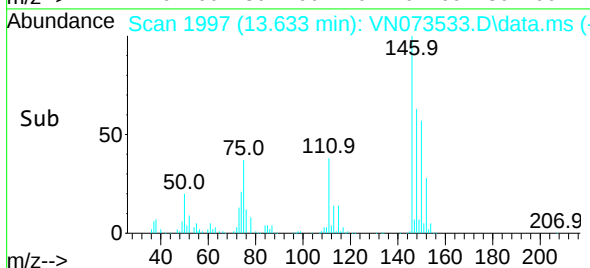
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#88
1,4-Dichlorobenzene
Concen: 19.795 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45



Tgt Ion:146 Resp: 107775
Ion Ratio Lower Upper
146 100
111 38.3 19.1 57.1
148 62.9 31.4 94.3





#89

n-Butylbenzene

Concen: 20.178 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. -0.000 min

Lab File: VN073533.D

Acq: 20 Jul 2022 19:45

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBSD01

Tgt Ion: 91 Resp: 173629

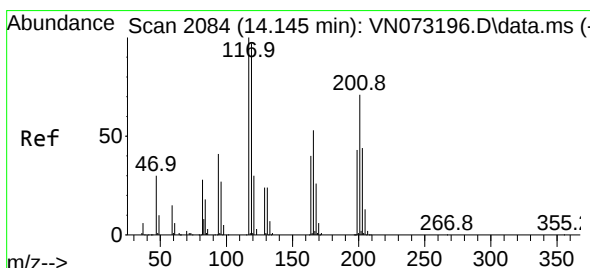
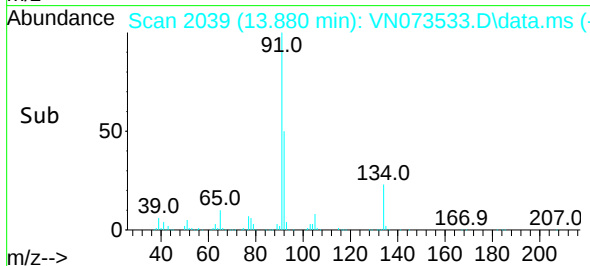
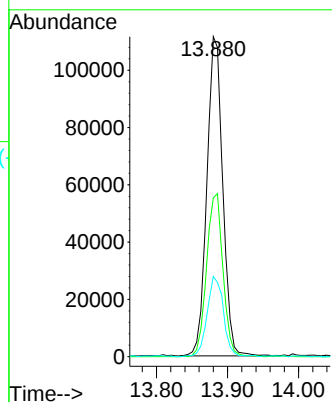
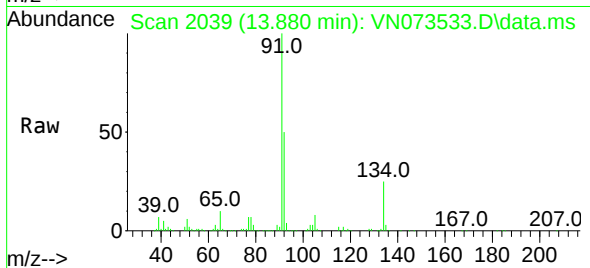
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.9	80.7
134	26.0	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#90

Hexachloroethane

Concen: 19.711 ug/l

RT: 14.151 min Scan# 2085

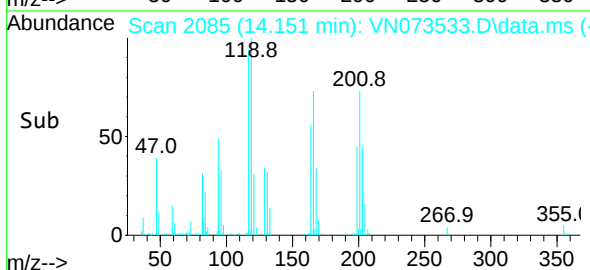
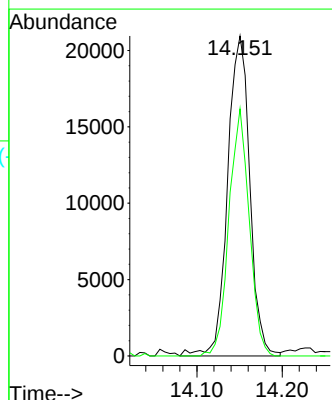
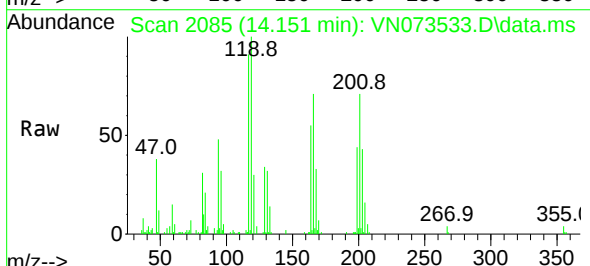
Delta R.T. 0.006 min

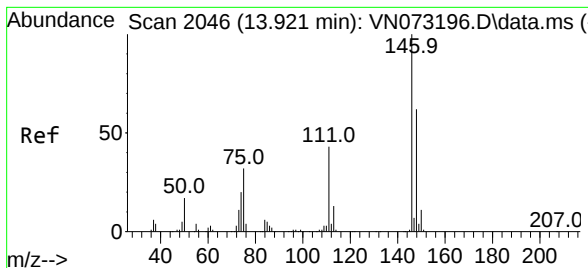
Lab File: VN073533.D

Acq: 20 Jul 2022 19:45

Tgt Ion:117 Resp: 37934

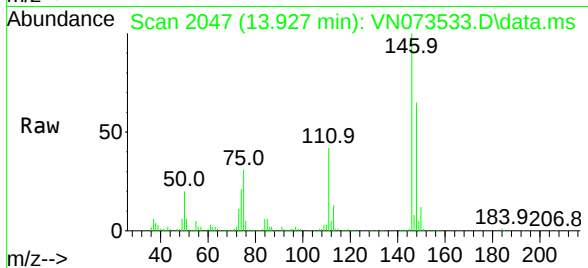
Ion	Ratio	Lower	Upper
117	100		
201	70.5	40.6	122.0





#91
1,2-Dichlorobenzene
Concen: 20.646 ug/l
RT: 13.927 min Scan# 2046
Delta R.T. 0.006 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45

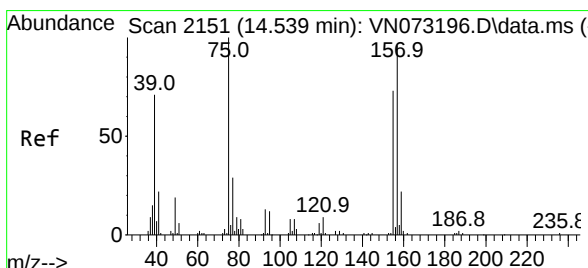
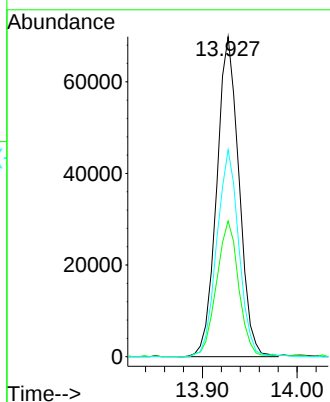
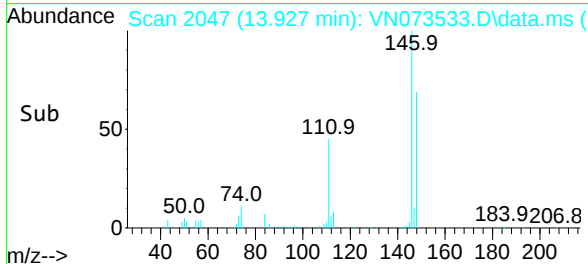
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



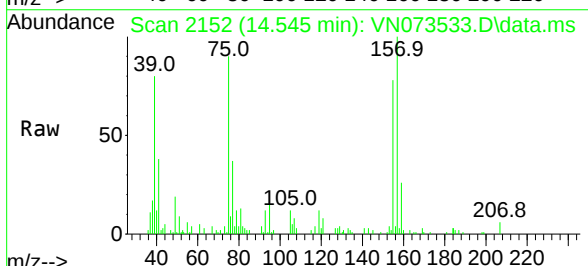
Tgt Ion:146 Resp: 114280
Ion Ratio Lower Upper
146 100
111 42.6 20.9 62.8
148 63.9 32.1 96.3

Manual Integrations
APPROVED

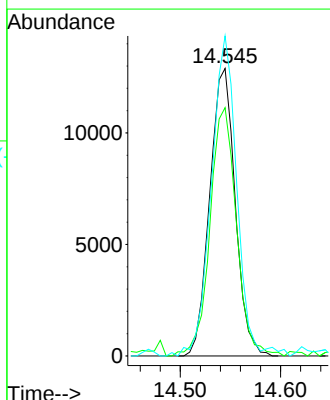
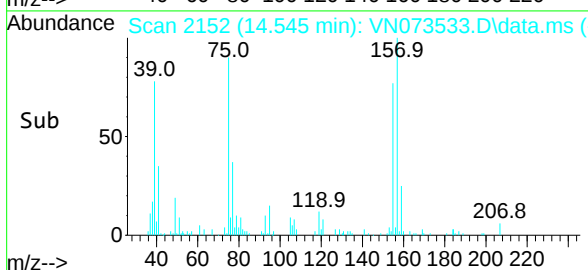
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

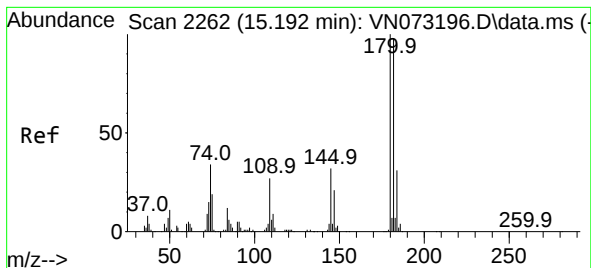


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.661 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. 0.006 min
Lab File: VN073533.D
Acq: 20 Jul 2022 19:45



Tgt Ion: 75 Resp: 22760
Ion Ratio Lower Upper
75 100
155 89.4 44.9 134.5
157 110.3 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 21.195 ug/l

RT: 15.198 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073533.D

Acq: 20 Jul 2022 19:45

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBSD01

Tgt Ion:180 Resp: 61090

Ion Ratio Lower Upper

180 100

182 94.1 47.5 142.5

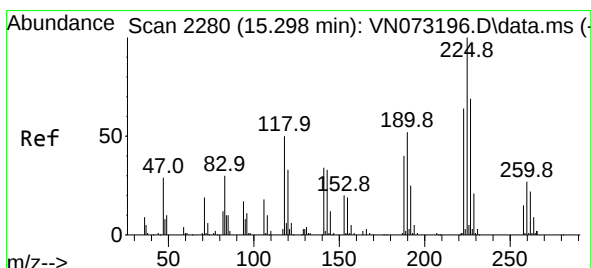
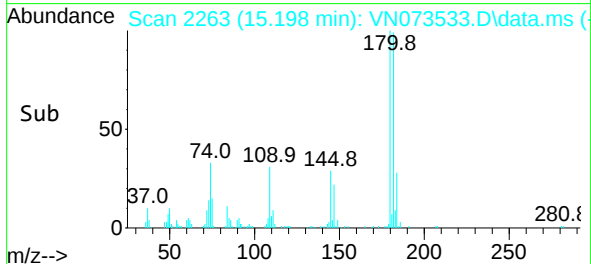
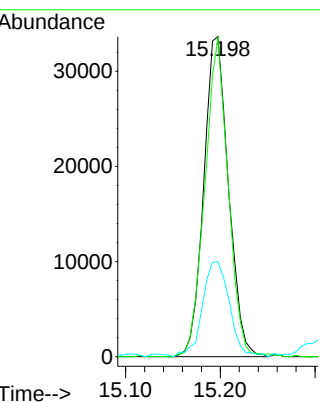
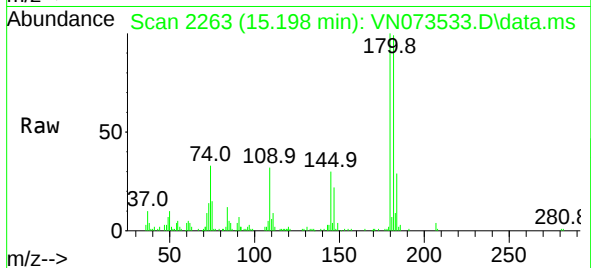
145 32.2 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#94

Hexachlorobutadiene

Concen: 22.598 ug/l

RT: 15.298 min Scan# 2280

Delta R.T. -0.000 min

Lab File: VN073533.D

Acq: 20 Jul 2022 19:45

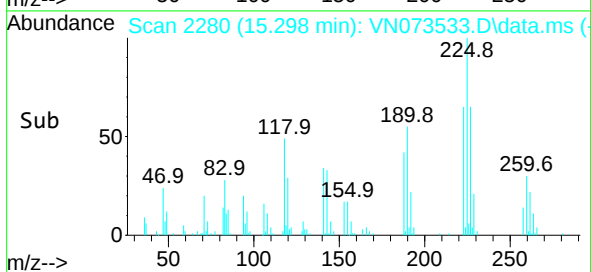
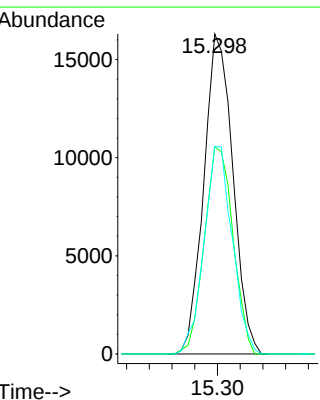
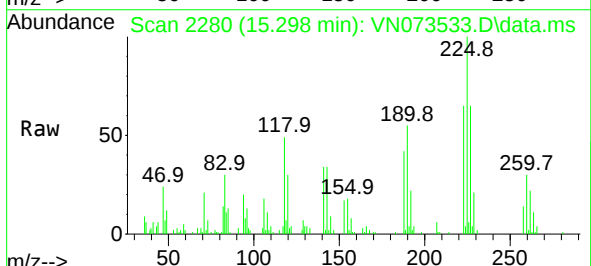
Tgt Ion:225 Resp: 28954

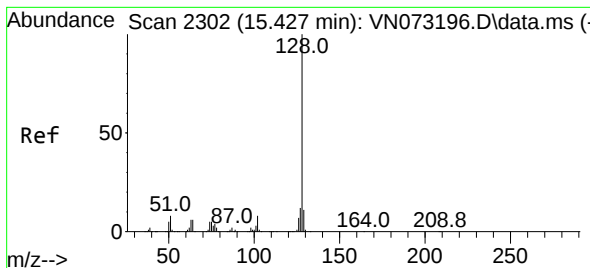
Ion Ratio Lower Upper

225 100

223 63.9 32.4 97.2

227 63.2 31.8 95.4





#95

Naphthalene

Concen: 21.445 ug/l

RT: 15.439 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN073533.D

Acq: 20 Jul 2022 19:45

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBSD01

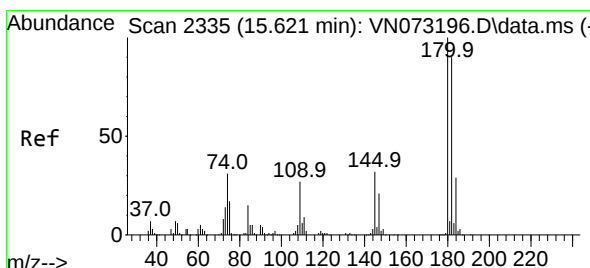
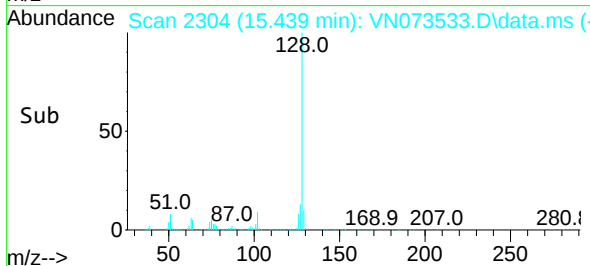
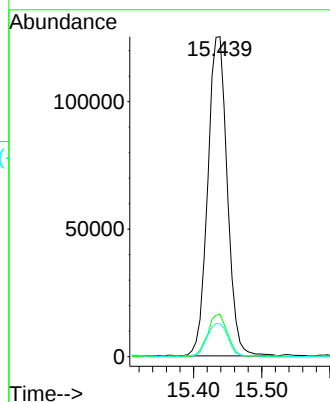
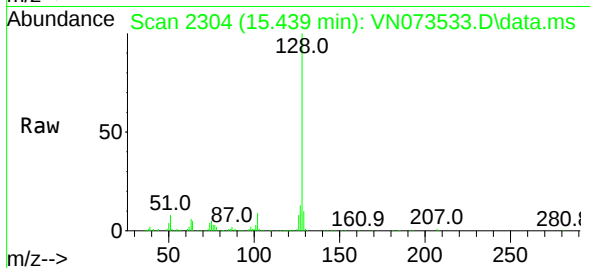
Tgt Ion:128 Resp: 249352
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.3 15.5
 129 11.1 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#96

1,2,3-Trichlorobenzene

Concen: 22.658 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.006 min

Lab File: VN073533.D

Acq: 20 Jul 2022 19:45

Tgt Ion:180 Resp: 67368
 Ion Ratio Lower Upper
 180 100
 182 91.3 47.8 143.3
 145 33.4 15.5 46.5

