

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071422\
 Data File : VN073460.D
 Acq On : 14 Jul 2022 14:51
 Operator : JC\MD
 Sample : VN0714WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jul 15 02:01:21 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	178194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	316560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	285767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	131932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	157861	61.367	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.740%			
35) Dibromofluoromethane	7.951	113	123478	58.628	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.260%			
50) Toluene-d8	10.381	98	414620	55.429	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.860%			
62) 4-Bromofluorobenzene	12.669	95	165089	57.430	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	53219	20.428	ug/l	94
3) Chloromethane	2.269	50	47989	18.973	ug/l	96
4) Vinyl Chloride	2.405	62	43705	20.337	ug/l	100
5) Bromomethane	2.799	94	21898	21.574	ug/l	95
6) Chloroethane	2.969	64	27761	21.960	ug/l	99
7) Trichlorofluoromethane	3.316	101	79336	21.354	ug/l	93
8) Diethyl Ether	3.769	74	35112	23.216	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.140	101	46170	21.031	ug/l	98
10) Methyl Iodide	4.346	142	45873	18.302	ug/l	94
11) Tert butyl alcohol	5.293	59	86773	139.247	ug/l	99
12) 1,1-Dichloroethene	4.116	96	42651	20.332	ug/l	92
13) Acrolein	3.981	56	23131	58.726	ug/l	94
14) Allyl chloride	4.757	41	101749	23.025	ug/l #	91
15) Acrylonitrile	5.481	53	219804	137.020	ug/l	99
16) Acetone	4.222	43	206973	143.338	ug/l	90
17) Carbon Disulfide	4.457	76	95023	17.470	ug/l	98
18) Methyl Acetate	4.781	43	120910	29.880	ug/l #	89
19) Methyl tert-butyl Ether	5.540	73	188086	24.601	ug/l	100
20) Methylene Chloride	5.022	84	55815	21.995	ug/l	89
21) trans-1,2-Dichloroethene	5.516	96	46812	21.357	ug/l	98
22) Diisopropyl ether	6.410	45	212230	25.737	ug/l	95
23) Vinyl Acetate	6.351	43	912204	123.556	ug/l #	92
24) 1,1-Dichloroethane	6.304	63	103624	24.283	ug/l	97
25) 2-Butanone	7.263	43	340911	148.292	ug/l #	89
26) 2,2-Dichloropropane	7.245	77	83731	21.216	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	59757	22.513	ug/l	93
28) Bromochloromethane	7.587	49	51244	28.673	ug/l #	80
29) Tetrahydrofuran	7.610	42	224169	142.409	ug/l	86
30) Chloroform	7.745	83	103647	24.115	ug/l	100
31) Cyclohexane	8.022	56	86220	20.465	ug/l	92
32) 1,1,1-Trichloroethane	7.939	97	88165	23.018	ug/l	98
36) 1,1-Dichloropropene	8.151	75	68922	21.268	ug/l	96
37) Ethyl Acetate	7.334	43	125329	25.595	ug/l	94
38) Carbon Tetrachloride	8.134	117	70157	20.934	ug/l	98
39) Methylcyclohexane	9.392	83	79673	19.747	ug/l	93
40) Benzene	8.392	78	221156	22.113	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	53312	22.449	ug/l	92
42) 1,2-Dichloroethane	8.463	62	88060	24.290	ug/l	98
43) Isopropyl Acetate	8.492	43	177177	25.177	ug/l #	92
44) Trichloroethene	9.151	130	52976	20.815	ug/l	97
45) 1,2-Dichloropropane	9.422	63	60764	23.837	ug/l	98
46) Dibromomethane	9.516	93	40436	23.362	ug/l	91
47) Bromodichloromethane	9.698	83	81440	24.294	ug/l	94
48) Methyl methacrylate	9.498	41	79104	24.277	ug/l	90
49) 1,4-Dioxane	9.504	88	35004	565.899	ug/l #	90
51) 4-Methyl-2-Pentanone	10.269	43	634657	142.213	ug/l	89
52) Toluene	10.445	92	138474	22.404	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	82356	22.316	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	90303	22.666	ug/l	92
55) 1,1,2-Trichloroethane	10.839	97	60088	23.615	ug/l	92
56) Ethyl methacrylate	10.698	69	95320	23.177	ug/l #	80
57) 1,3-Dichloropropane	10.986	76	104302	23.912	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	184880	100.795	ug/l	93
59) 2-Hexanone	11.028	43	477444	140.351	ug/l	88
60) Dibromochloromethane	11.180	129	59384	24.478	ug/l	99
61) 1,2-Dibromoethane	11.286	107	60447	23.783	ug/l	98
64) Tetrachloroethene	10.916	164	49240	21.101	ug/l	92
65) Chlorobenzene	11.710	112	142226	22.006	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	54496	22.924	ug/l	98
67) Ethyl Benzene	11.786	91	251375	21.424	ug/l	97
68) m/p-Xylenes	11.892	106	196408	44.354	ug/l	97
69) o-Xylene	12.222	106	98735	21.841	ug/l	94
70) Styrene	12.233	104	159220	22.813	ug/l	98
71) Bromoform	12.398	173	42823	24.619	ug/l #	99
73) Isopropylbenzene	12.522	105	253703	22.269	ug/l	99
74) N-amyl acetate	12.327	43	131527	23.056	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	98104	25.949	ug/l	98
76) 1,2,3-Trichloropropane	12.822	75	83393m	24.174	ug/l	
77) Bromobenzene	12.798	156	58846	22.216	ug/l	84
78) n-propylbenzene	12.857	91	285931	22.592	ug/l	98
79) 2-Chlorotoluene	12.945	91	178660	22.303	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	212193	22.851	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	27436	21.811	ug/l #	84
82) 4-Chlorotoluene	13.045	91	172898	22.295	ug/l	96
83) tert-Butylbenzene	13.263	119	184068	22.110	ug/l	94
84) 1,2,4-Trimethylbenzene	13.304	105	210472	22.702	ug/l	95
85) sec-Butylbenzene	13.439	105	253528	22.679	ug/l	99
86) p-Isopropyltoluene	13.551	119	201052	22.264	ug/l	97
87) 1,3-Dichlorobenzene	13.551	146	105146	22.127	ug/l	100
88) 1,4-Dichlorobenzene	13.633	146	104251	21.896	ug/l	97
89) n-Butylbenzene	13.880	91	164598	21.873	ug/l	97
90) Hexachloroethane	14.145	117	37299	22.163	ug/l	84
91) 1,2-Dichlorobenzene	13.927	146	111309	22.994	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	23870	25.977	ug/l	82
93) 1,2,4-Trichlorobenzene	15.192	180	52609	20.872	ug/l	98
94) Hexachlorobutadiene	15.298	225	24748	22.087	ug/l	99
95) Naphthalene	15.433	128	222474	21.879	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	58516	22.506	ug/l	99

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

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

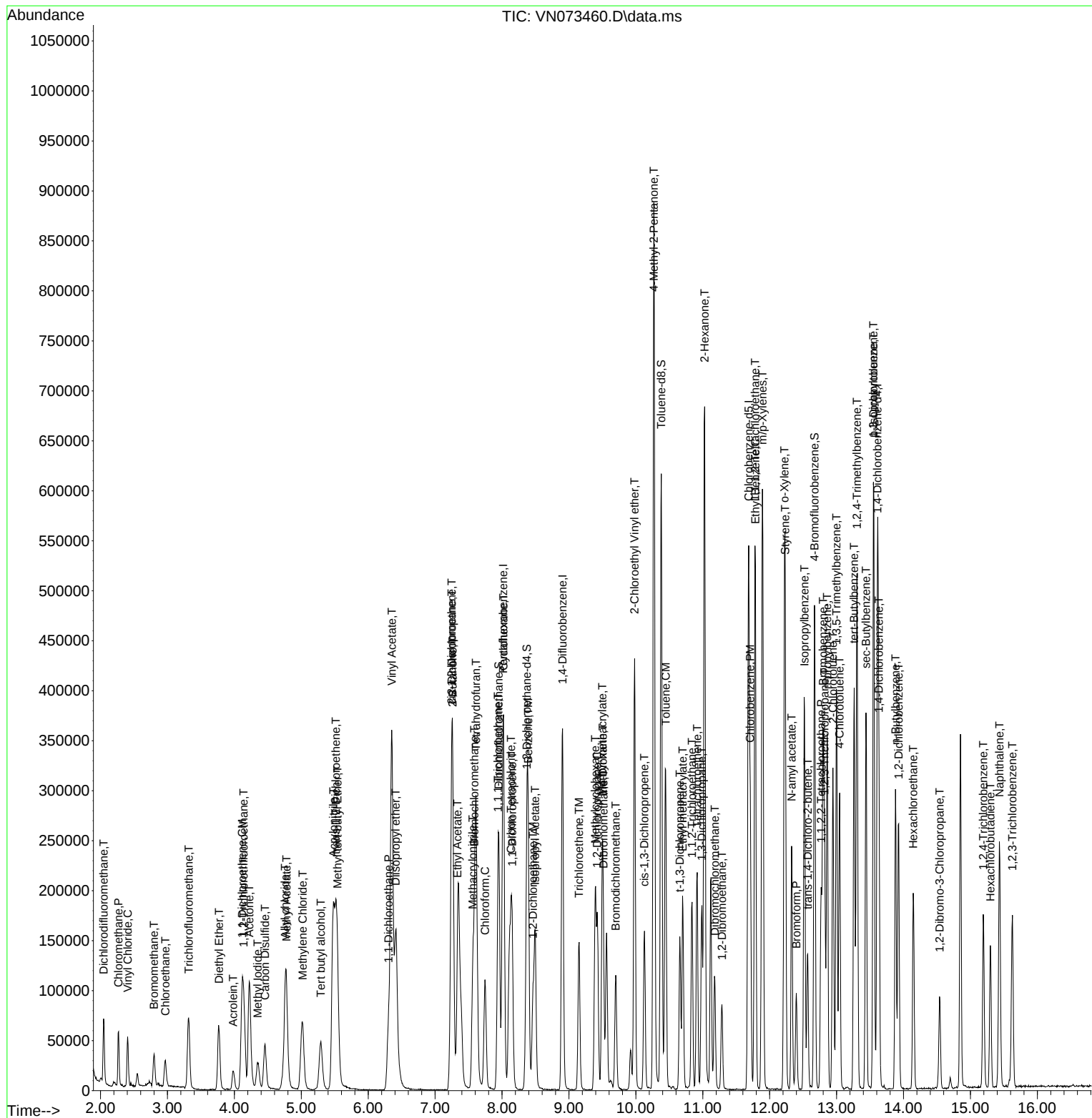
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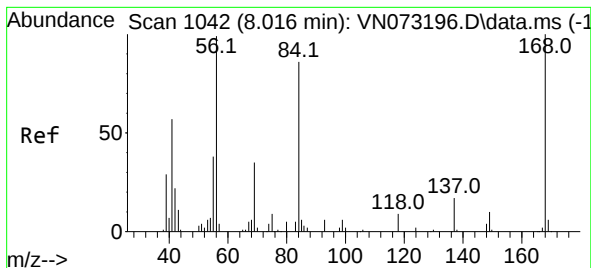
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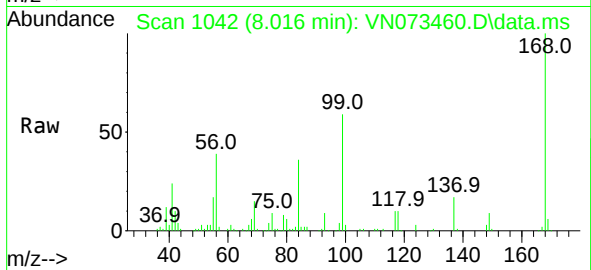
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073460.D
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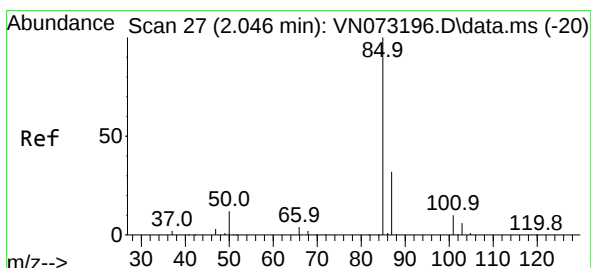
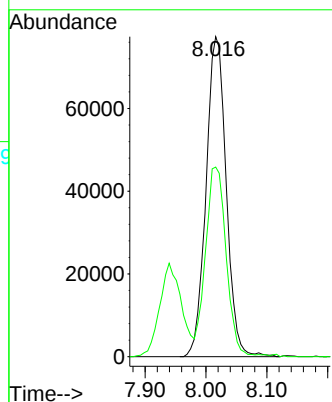
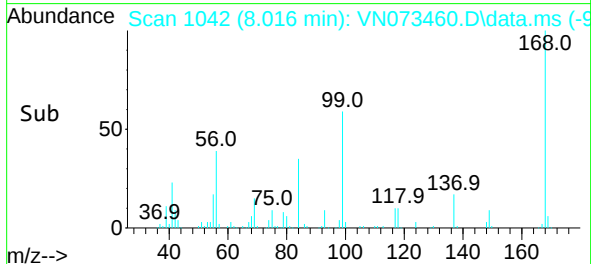
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 178194
Ion Ratio Lower Upper
168 100
99 59.3 42.3 63.5

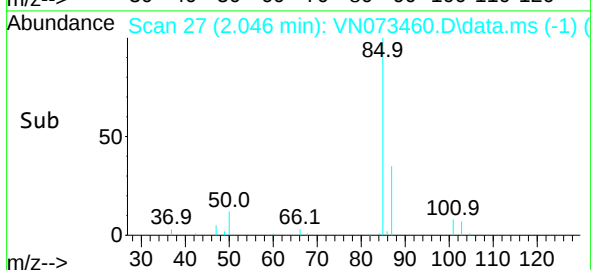
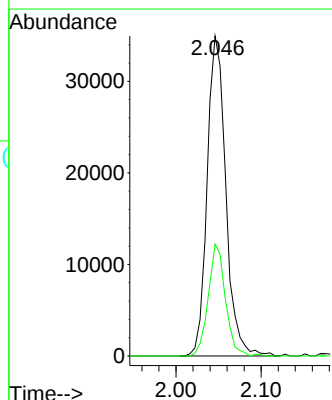
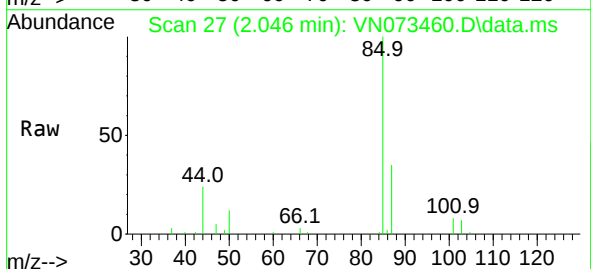
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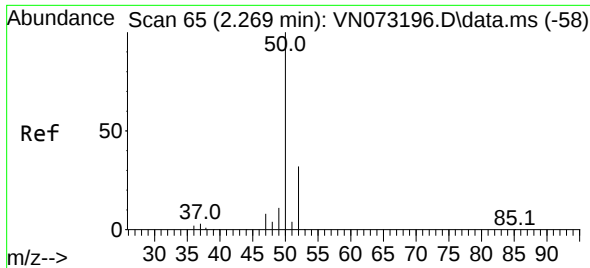
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#2
Dichlorodifluoromethane
Concen: 20.428 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

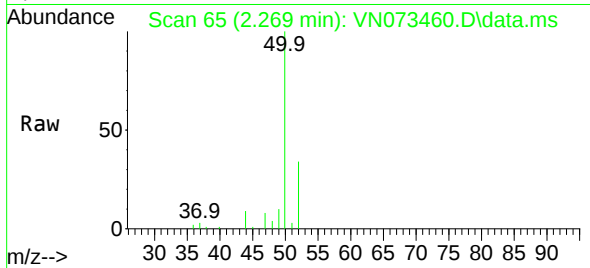
Tgt Ion: 85 Resp: 53219
Ion Ratio Lower Upper
85 100
87 34.9 15.7 47.1





#3
Chloromethane
Concen: 18.973 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

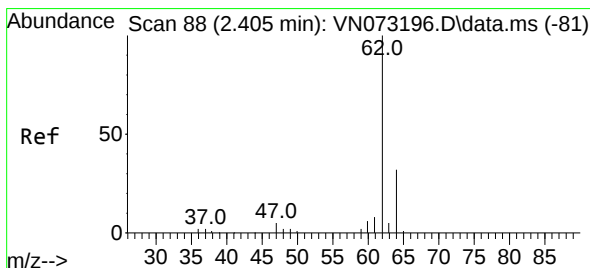
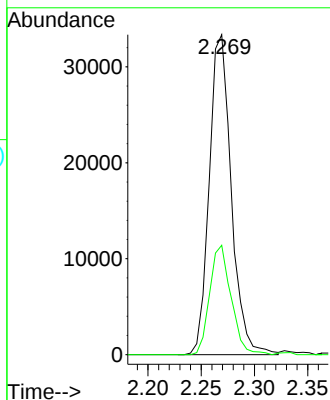
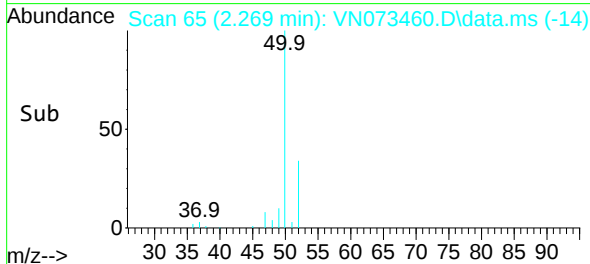
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ClientSampleId :
VN0714WBSD01



Tgt Ion: 50 Resp: 47989
Ion Ratio Lower Upper
50 100
52 34.2 25.7 38.5

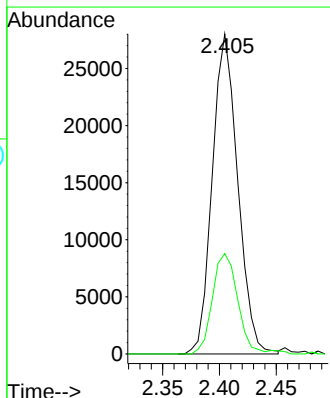
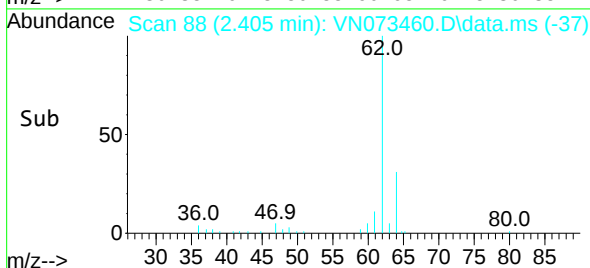
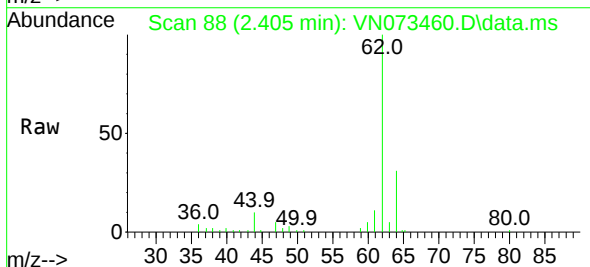
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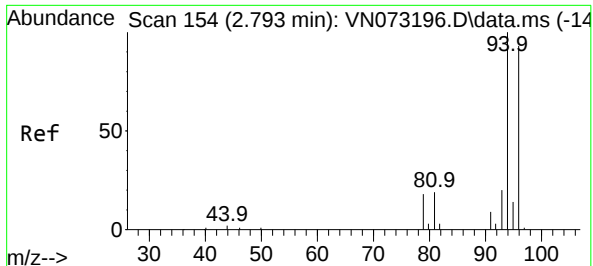
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#4
Vinyl Chloride
Concen: 20.337 ug/l
RT: 2.405 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

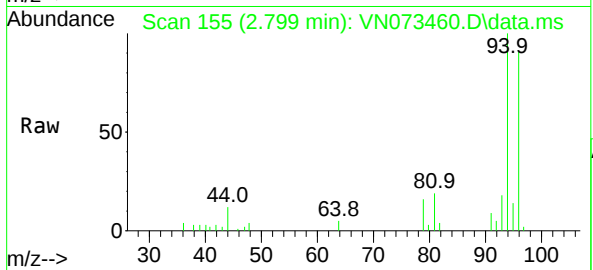
Tgt Ion: 62 Resp: 43705
Ion Ratio Lower Upper
62 100
64 31.4 25.0 37.4





#5
Bromomethane
Concen: 21.574 ug/l
RT: 2.799 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

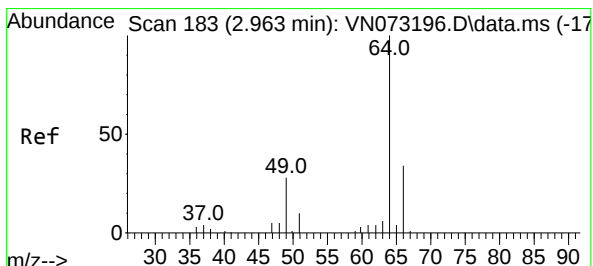
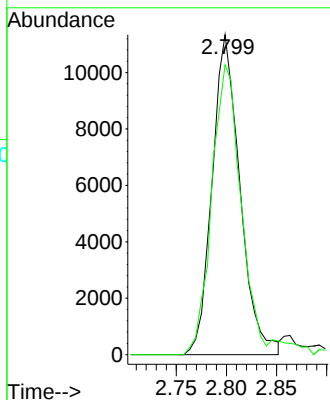
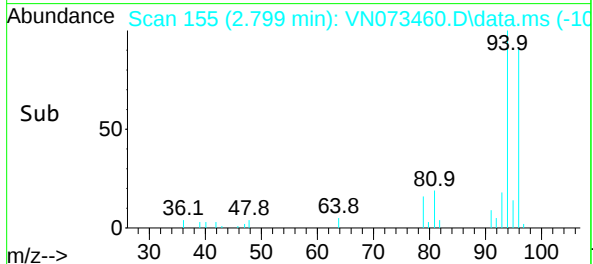
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Tgt Ion: 94 Resp: 21898
Ion Ratio Lower Upper
94 100
96 90.6 76.0 114.0

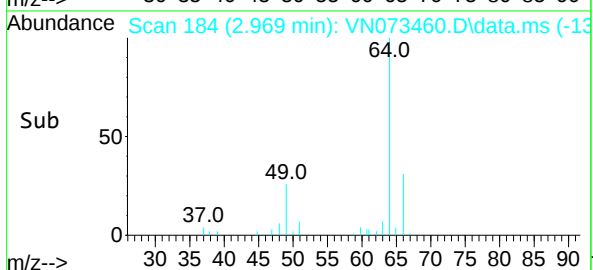
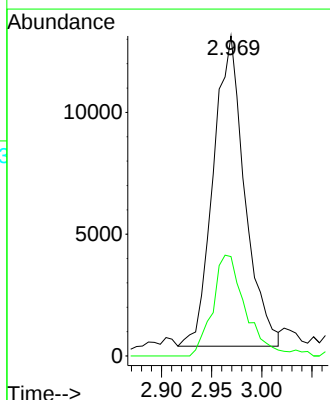
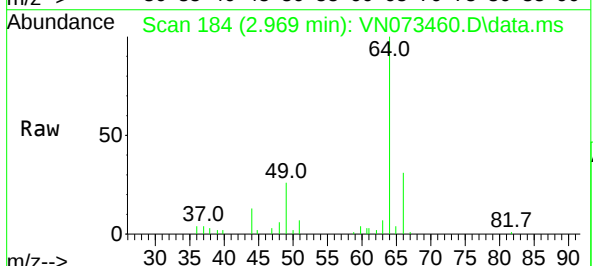
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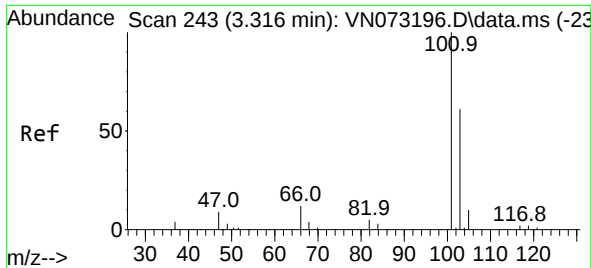
Reviewed By :John Carlone 07/15/2022
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#6
Chloroethane
Concen: 21.960 ug/l
RT: 2.969 min Scan# 184
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

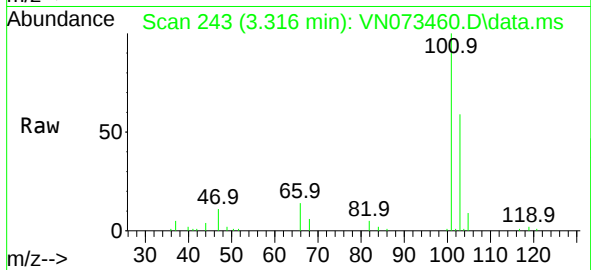
Tgt Ion: 64 Resp: 27761
Ion Ratio Lower Upper
64 100
66 32.0 26.2 39.4





#7
Trichlorofluoromethane
Concen: 21.354 ug/l
RT: 3.316 min Scan# 243
Delta R.T. 0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

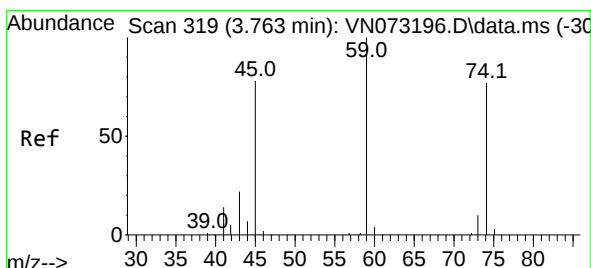
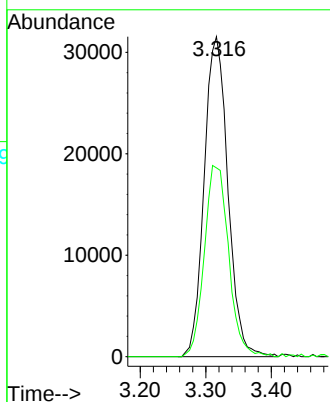
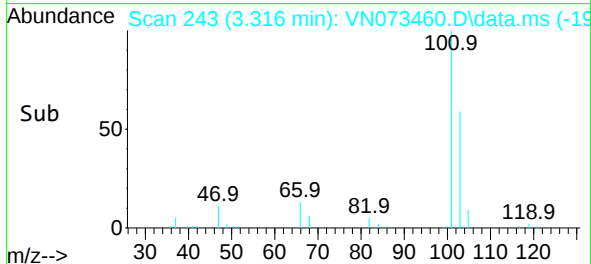
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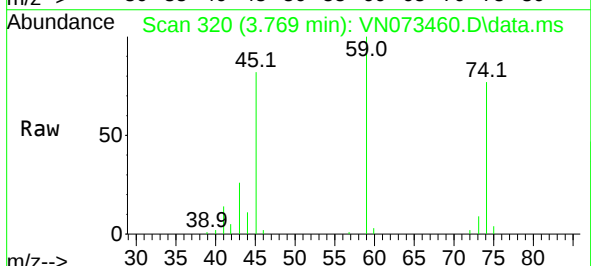
Tgt Ion:101 Resp: 79336
Ion Ratio Lower Upper
101 100
103 59.0 51.5 77.3

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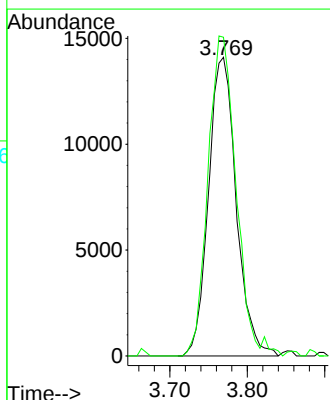
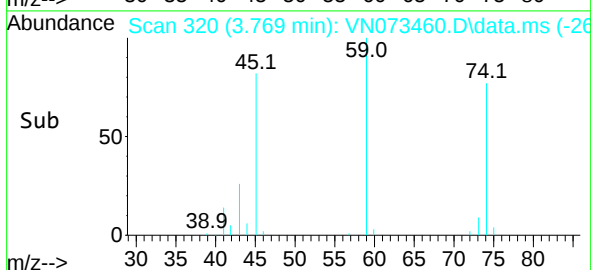
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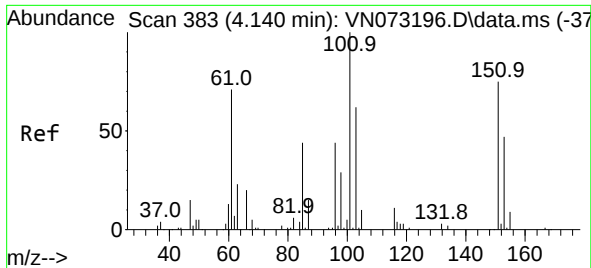


#8
Diethyl Ether
Concen: 23.216 ug/l
RT: 3.769 min Scan# 320
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51



Tgt Ion: 74 Resp: 35112
Ion Ratio Lower Upper
74 100
45 106.7 42.9 128.5





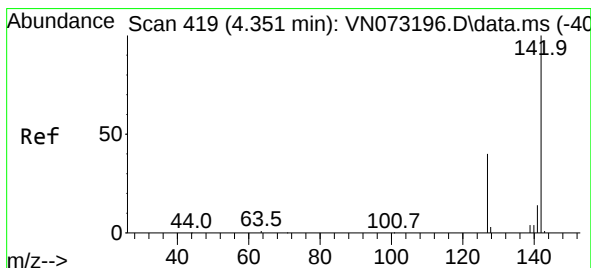
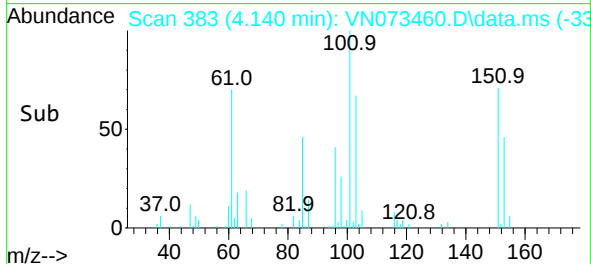
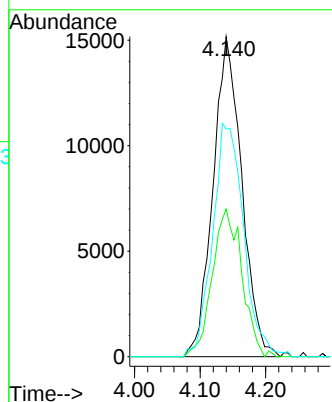
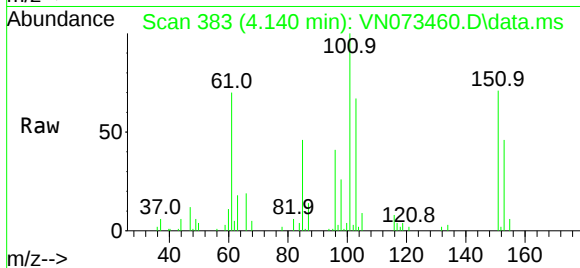
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.031 ug/l
RT: 4.140 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01

Tgt Ion:101 Resp: 46170
Ion Ratio Lower Upper
101 100
85 47.3 34.7 52.1
151 78.5 63.0 94.4

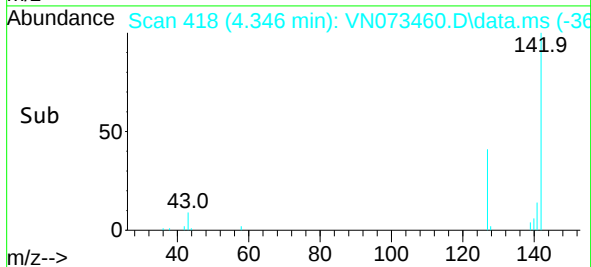
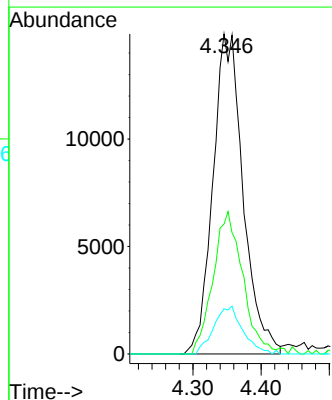
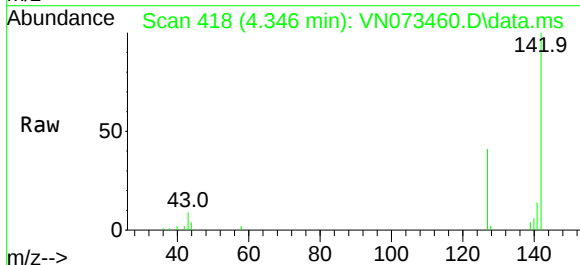
Manual Integrations
APPROVED

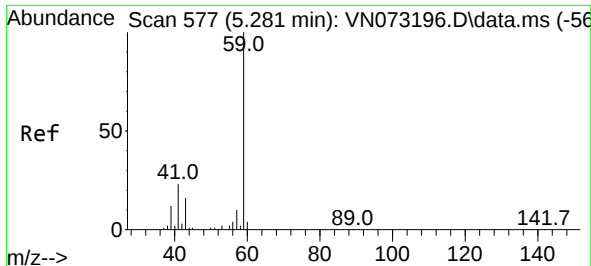
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#10
Methyl Iodide
Concen: 18.302 ug/l
RT: 4.346 min Scan# 418
Delta R.T. -0.005 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

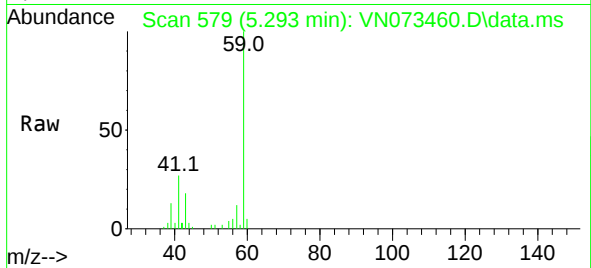
Tgt Ion:142 Resp: 45873
Ion Ratio Lower Upper
142 100
127 43.9 31.3 46.9
141 14.4 11.2 16.8





#11
Tert butyl alcohol
Concen: 139.247 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

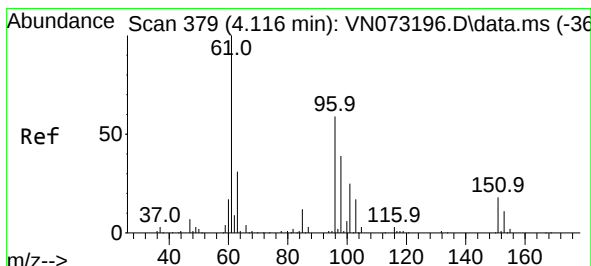
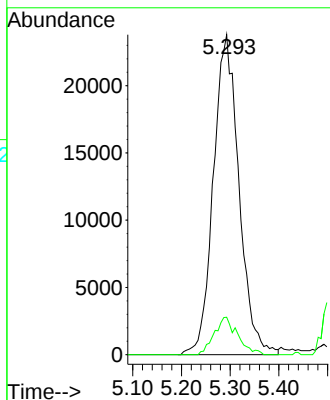
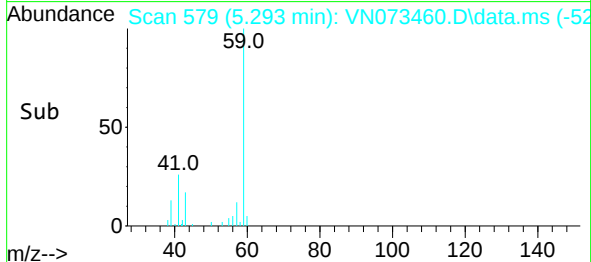
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion: 59 Resp: 8677
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

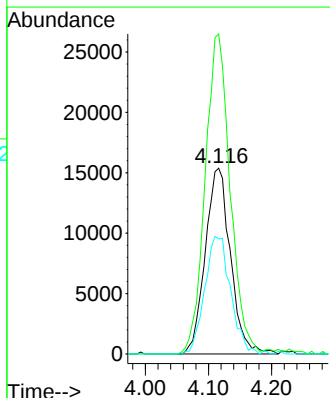
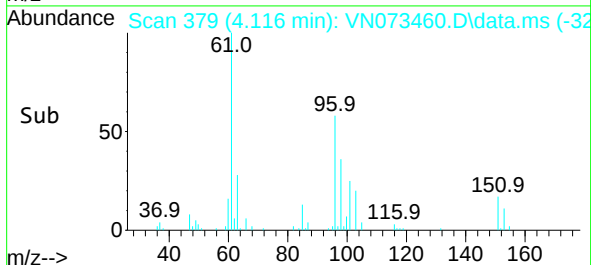
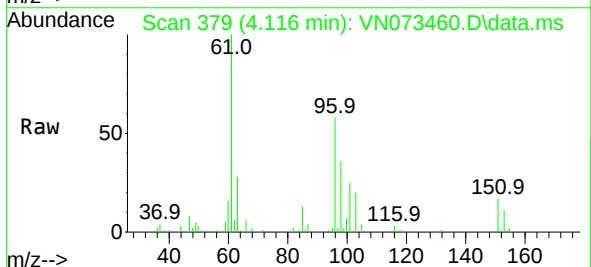
Manual Integrations
APPROVED

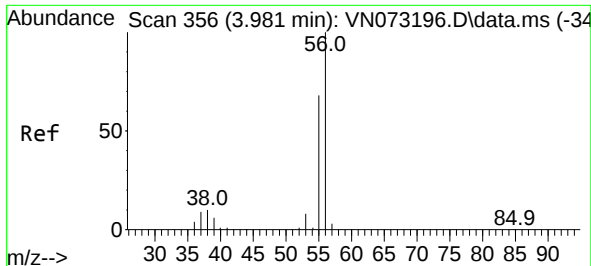
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#12
1,1-Dichloroethene
Concen: 20.332 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

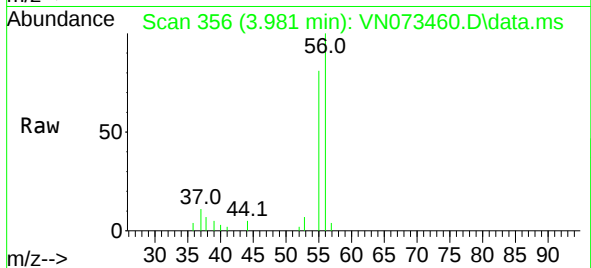
Tgt Ion: 96 Resp: 42651
Ion Ratio Lower Upper
96 100
61 172.3 127.6 191.4
98 62.0 51.2 76.8





#13
Acrolein
Concen: 58.726 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

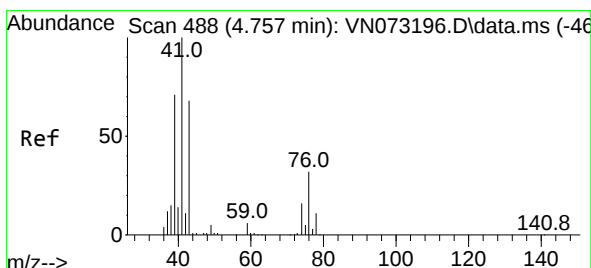
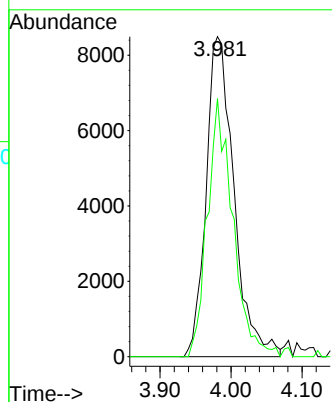
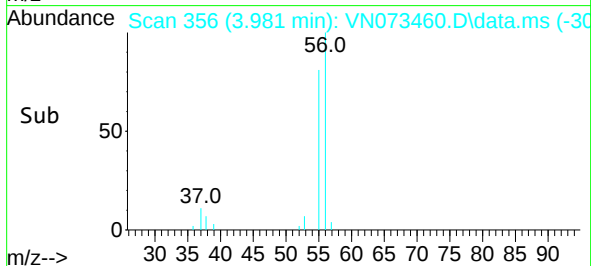
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



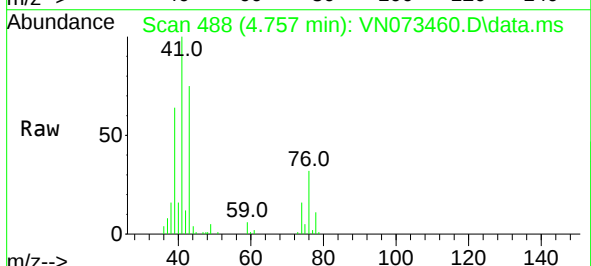
Tgt Ion: 56 Resp: 2313
Ion Ratio Lower Upper
56 100
55 73.6 54.8 82.2

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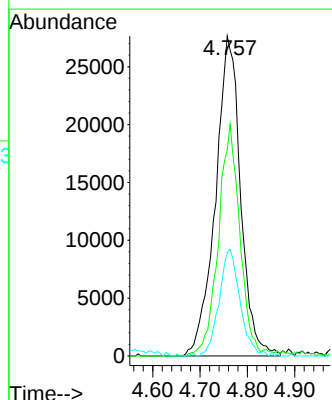
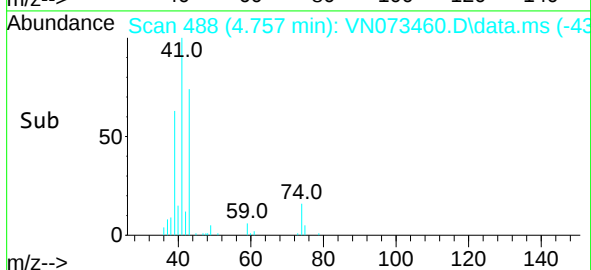
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

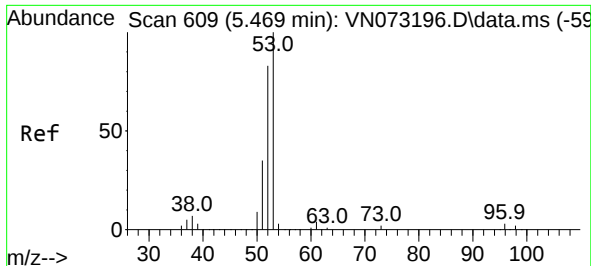


#14
Allyl chloride
Concen: 23.025 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51



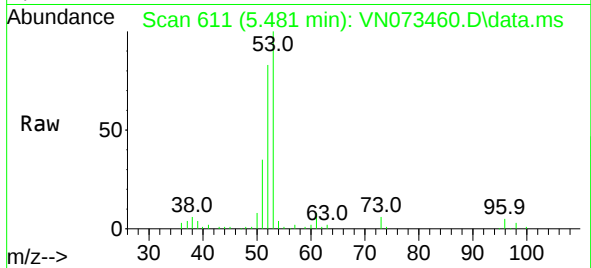
Tgt Ion: 41 Resp: 101749
Ion Ratio Lower Upper
41 100
39 62.1 53.2 79.8
76 27.7 29.9 44.9#





#15
Acrylonitrile
Concen: 137.020 ug/l
RT: 5.481 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

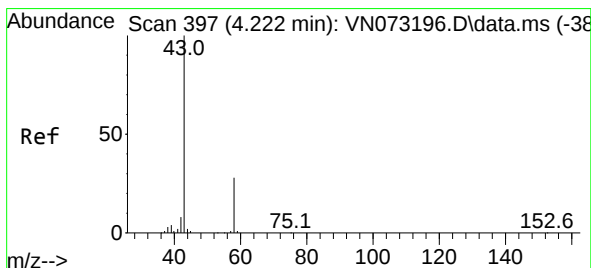
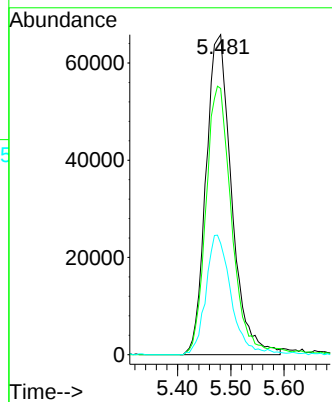
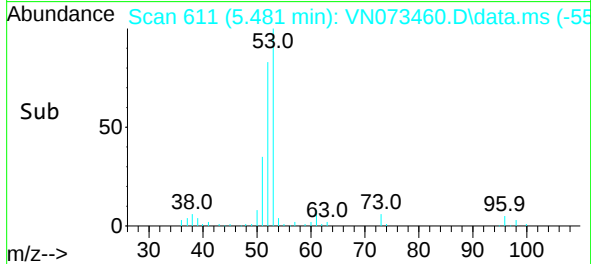
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



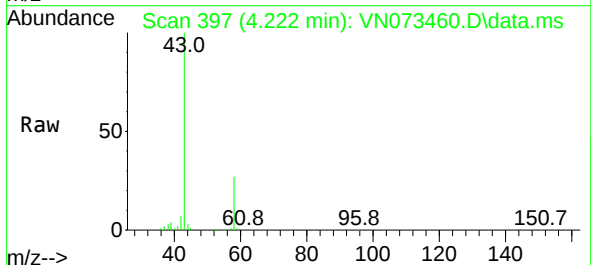
Tgt Ion: 53 Resp: 219804
Ion Ratio Lower Upper
53 100
52 83.0 66.4 99.6
51 36.9 28.5 42.7

Manual Integrations
APPROVED

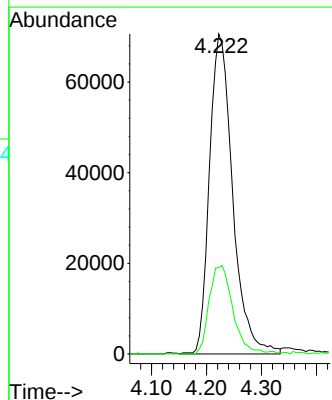
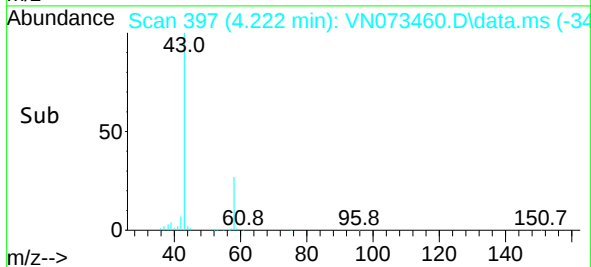
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

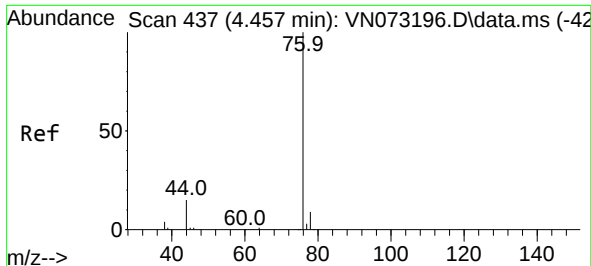


#16
Acetone
Concen: 143.338 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51



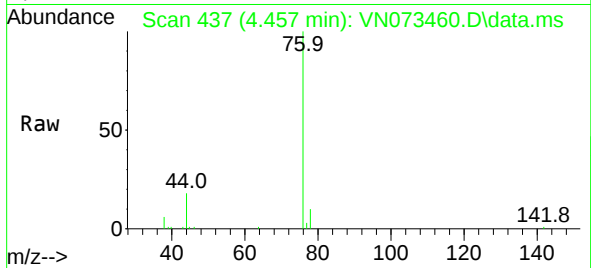
Tgt Ion: 43 Resp: 206973
Ion Ratio Lower Upper
43 100
58 27.0 26.0 39.0





#17
Carbon Disulfide
Concen: 17.470 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

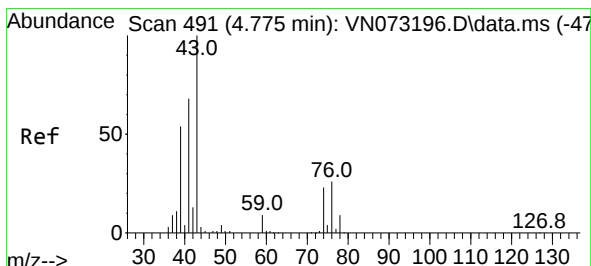
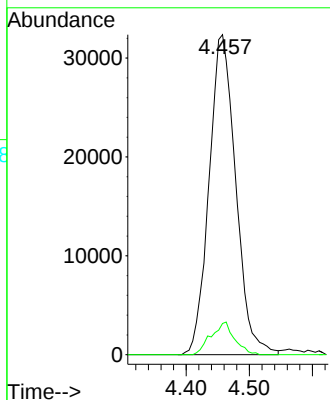
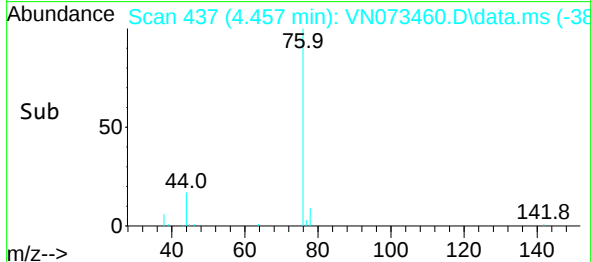
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



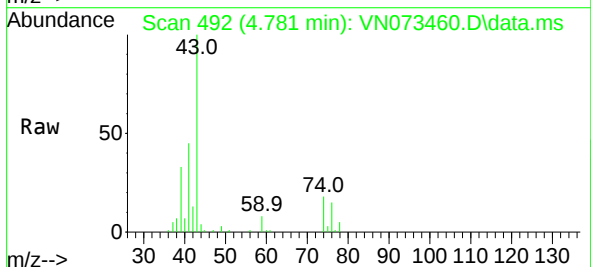
Tgt Ion: 76 Resp: 9502
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8

Manual Integrations
APPROVED

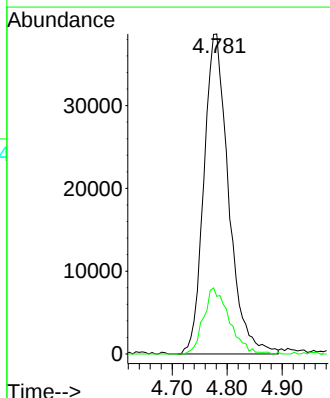
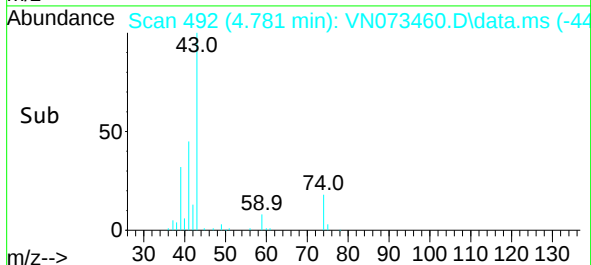
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

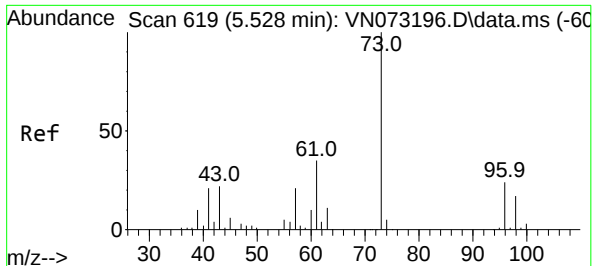


#18
Methyl Acetate
Concen: 29.880 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51



Tgt Ion: 43 Resp: 120910
Ion Ratio Lower Upper
43 100
74 21.4 21.6 32.4#





#19

Methyl tert-butyl Ether

Concen: 24.601 ug/l

RT: 5.540 min Scan# 619

Delta R.T. 0.012 min

Lab File: VN073460.D

Acq: 14 Jul 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD01

Tgt Ion: 73 Resp: 18808

Ion Ratio Lower Upper

73 100

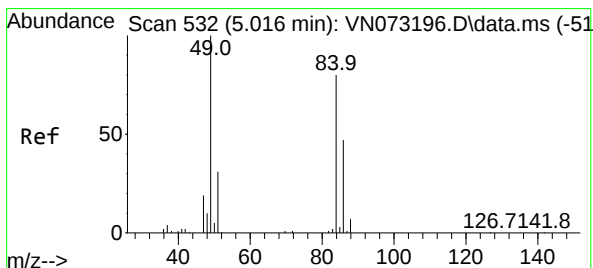
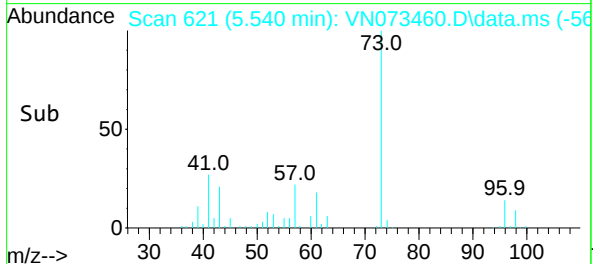
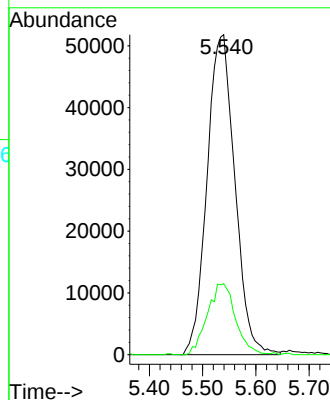
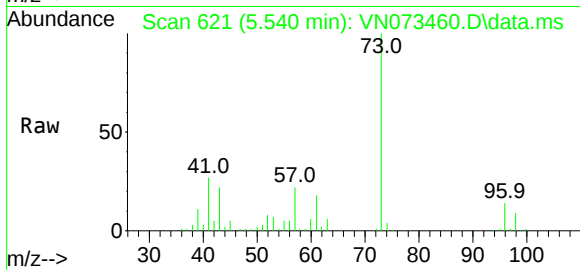
57 22.2 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#20

Methylene Chloride

Concen: 21.995 ug/l

RT: 5.022 min Scan# 533

Delta R.T. 0.006 min

Lab File: VN073460.D

Acq: 14 Jul 2022 14:51

Tgt Ion: 84 Resp: 55815

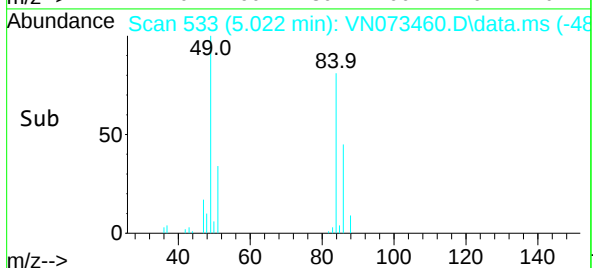
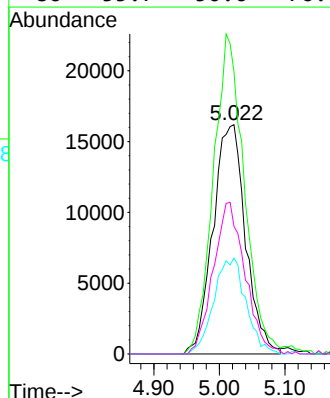
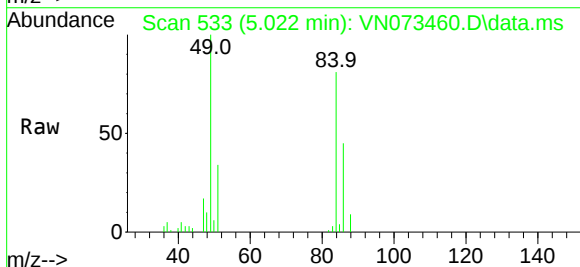
Ion Ratio Lower Upper

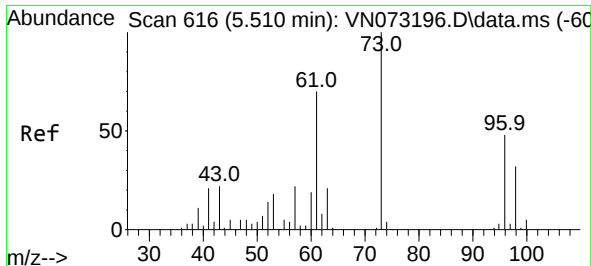
84 100

49 123.2 88.3 132.5

51 41.8 28.2 42.2

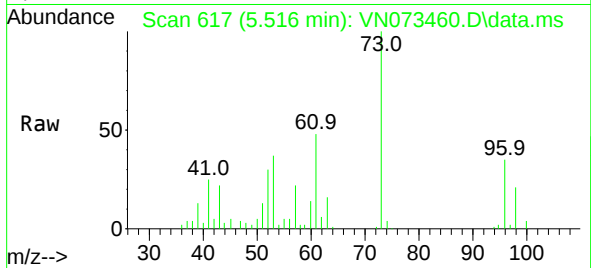
86 55.7 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 21.357 ug/l
RT: 5.516 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

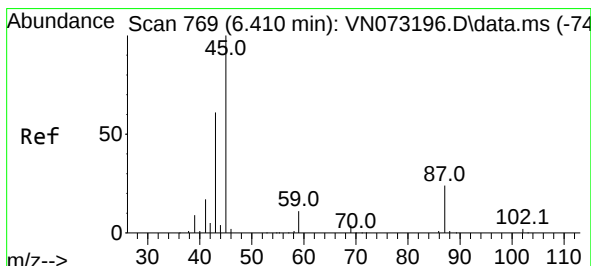
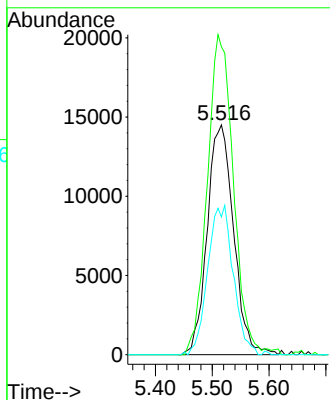
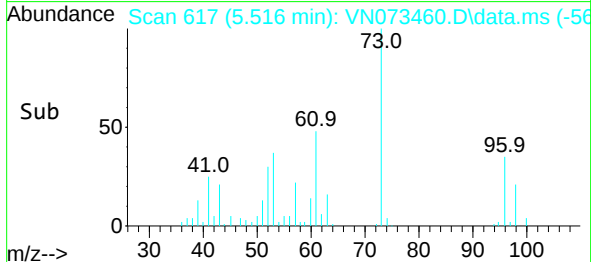
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion: 96 Resp: 46812
Ion Ratio Lower Upper
96 100
61 134.1 105.8 158.8
98 60.0 50.3 75.5

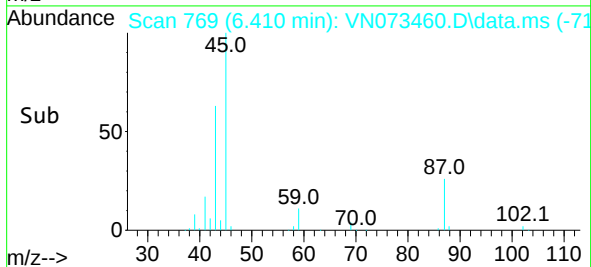
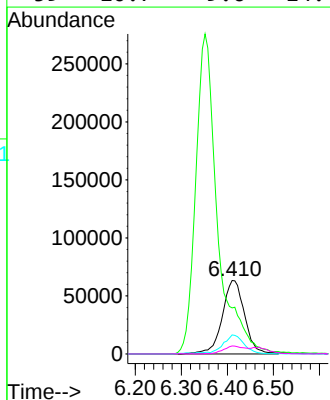
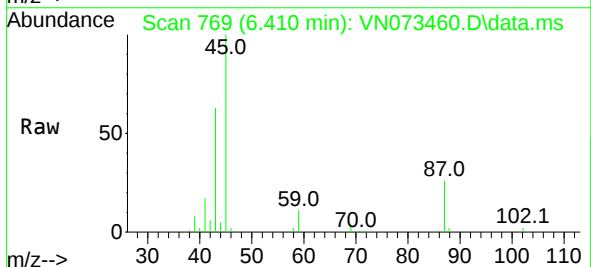
Manual Integrations
APPROVED

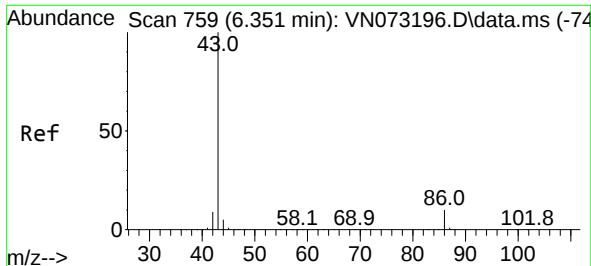
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#22
Diisopropyl ether
Concen: 25.737 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

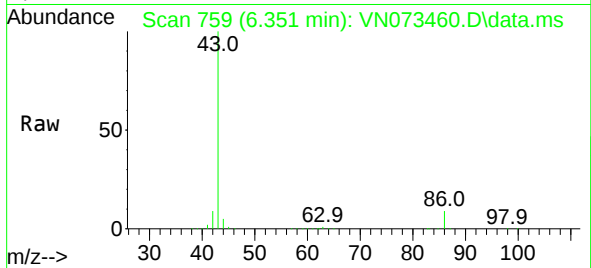
Tgt Ion: 45 Resp: 212230
Ion Ratio Lower Upper
45 100
43 60.6 46.6 70.0
87 25.6 24.3 36.5
59 10.7 9.6 14.4





#23
 Vinyl Acetate
 Concen: 123.556 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073460.D
 Acq: 14 Jul 2022 14:51

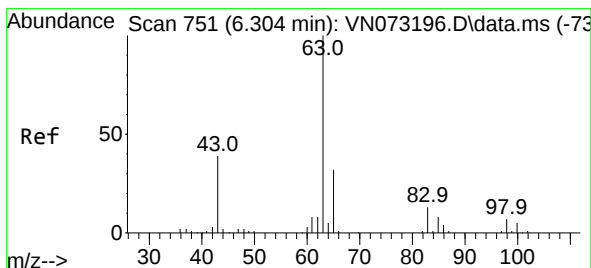
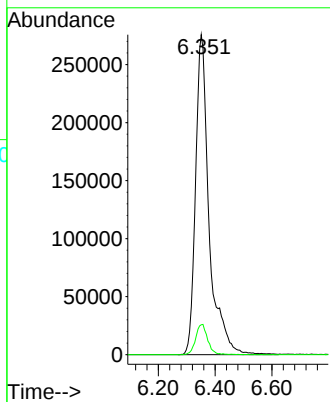
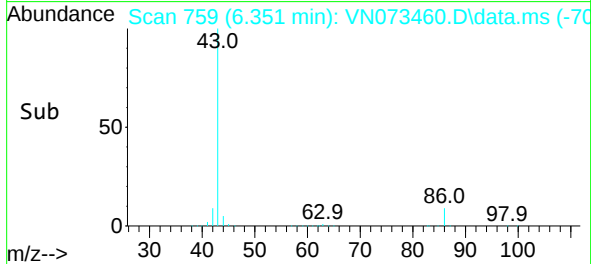
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBSD01



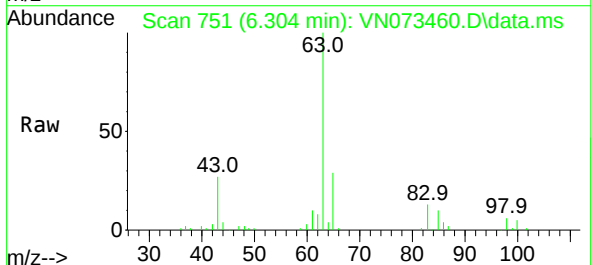
Tgt Ion: 43 Resp: 912204
 Ion Ratio Lower Upper
 43 100
 86 9.4 10.0 15.0

Manual Integrations
 APPROVED

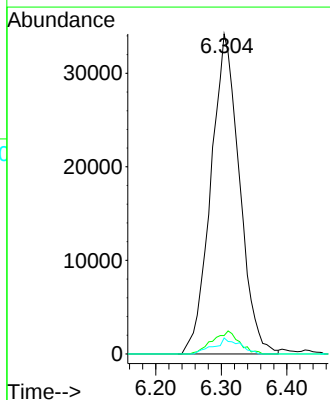
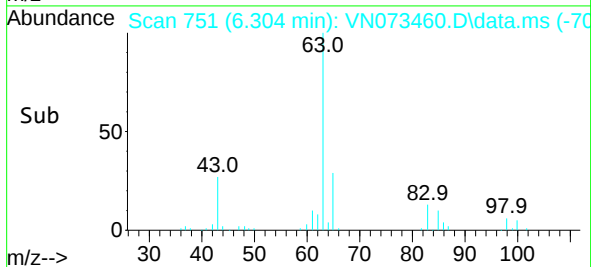
Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022

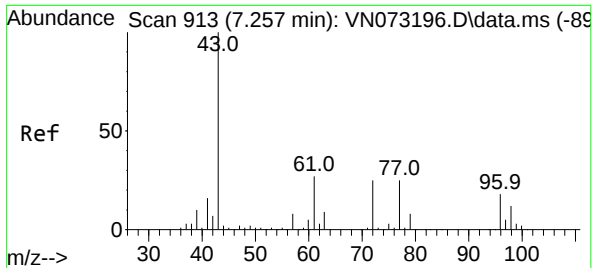


#24
 1,1-Dichloroethane
 Concen: 24.283 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073460.D
 Acq: 14 Jul 2022 14:51



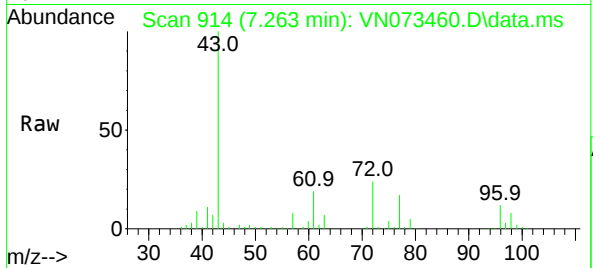
Tgt Ion: 63 Resp: 103624
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.5 10.4
 100 5.0 2.3 6.8





#25
2-Butanone
Concen: 148.292 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

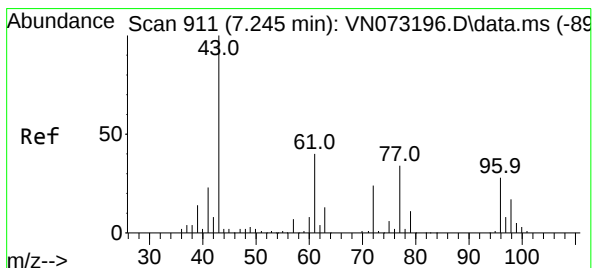
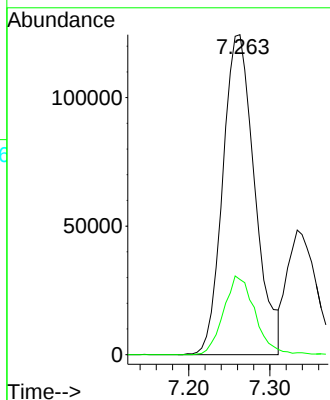
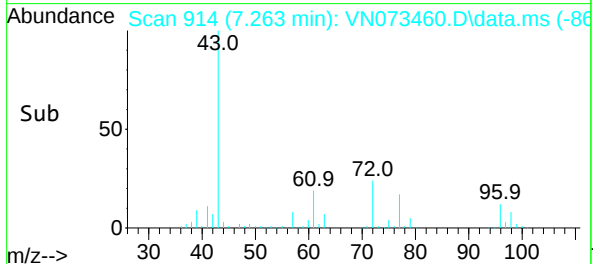
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion: 43 Resp: 34091
Ion Ratio Lower Upper
43 100
72 23.5 23.7 35.5

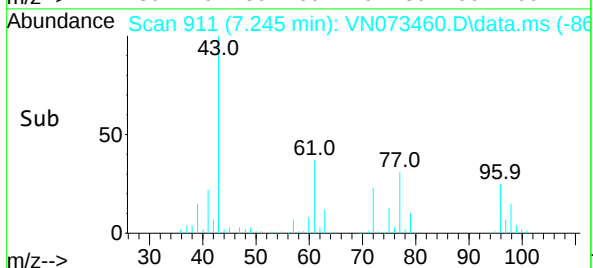
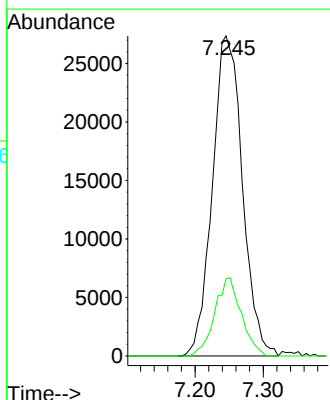
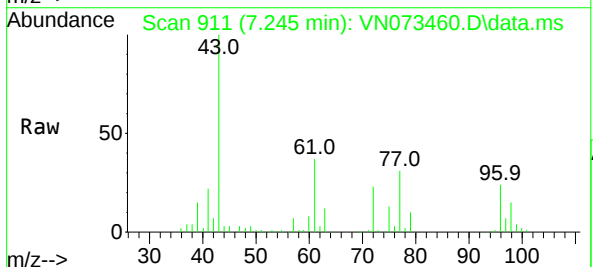
Manual Integrations
APPROVED

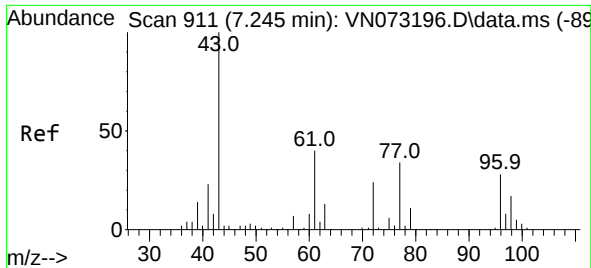
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#26
2,2-Dichloropropane
Concen: 21.216 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

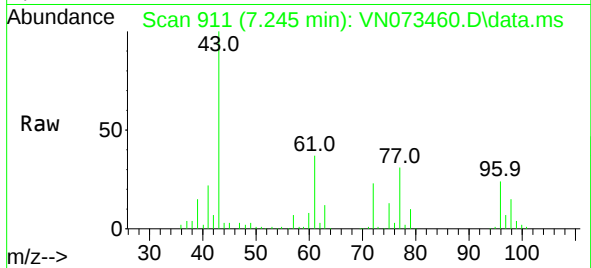
Tgt Ion: 77 Resp: 83731
Ion Ratio Lower Upper
77 100
97 21.7 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 22.513 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN073460.D
 Acq: 14 Jul 2022 14:51

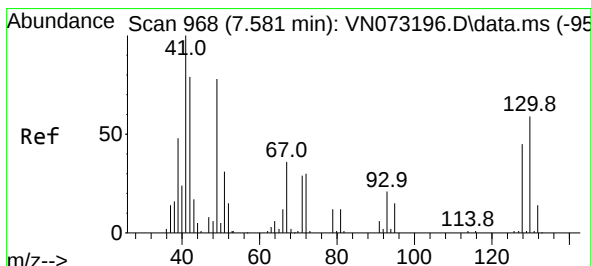
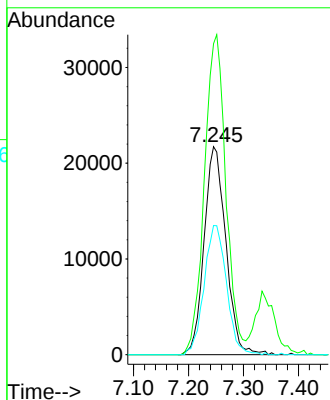
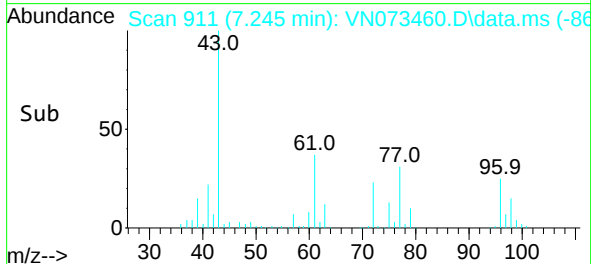
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBSD01



Tgt Ion: 96 Resp: 5975
 Ion Ratio Lower Upper
 96 100
 61 152.2 0.0 280.6
 98 63.9 0.0 128.4

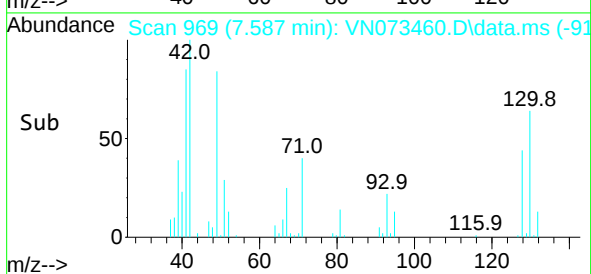
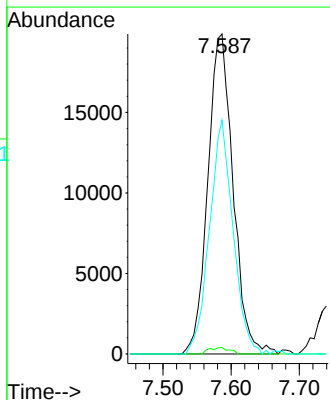
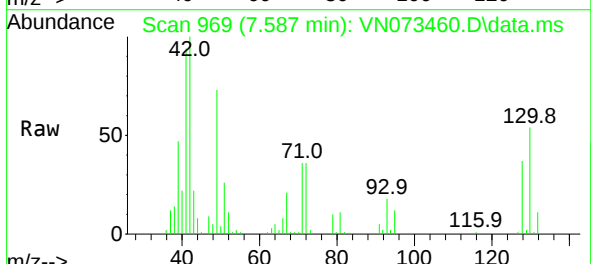
Manual Integrations
 APPROVED

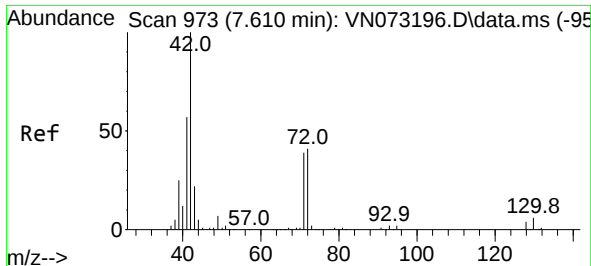
Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022



#28
 Bromochloromethane
 Concen: 28.673 ug/l
 RT: 7.587 min Scan# 969
 Delta R.T. 0.006 min
 Lab File: VN073460.D
 Acq: 14 Jul 2022 14:51

Tgt Ion: 49 Resp: 51244
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.6
 130 68.3 69.7 104.5#





#29

Tetrahydrofuran

Concen: 142.409 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN073460.D

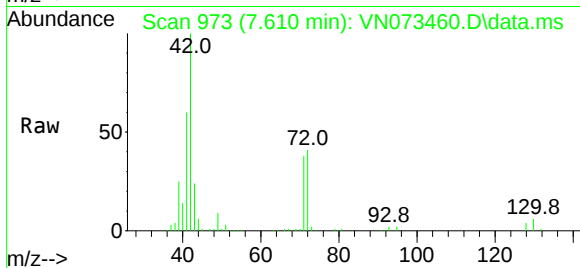
Acq: 14 Jul 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD01



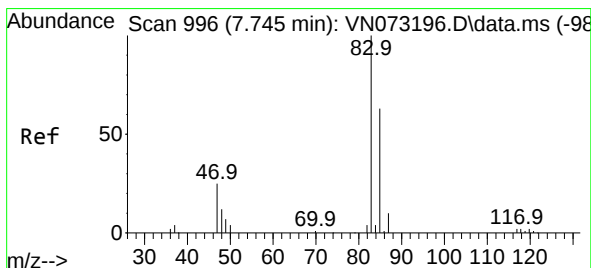
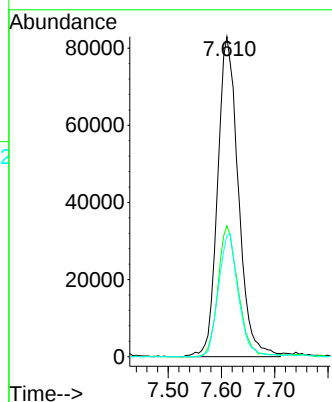
Tgt Ion:	42	Resp:	224169
Ion	Ratio	Lower	Upper
42	100		
72	39.7	39.7	59.5
71	37.1	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#30

Chloroform

Concen: 24.115 ug/l

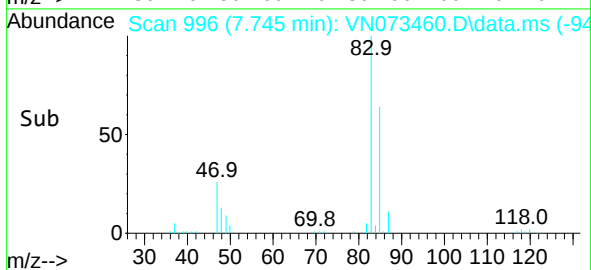
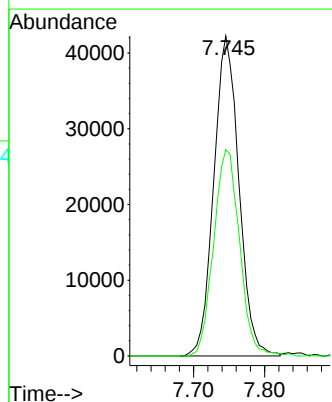
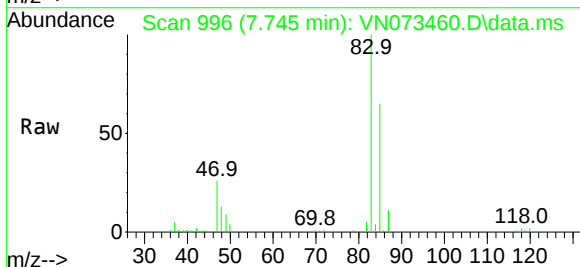
RT: 7.745 min Scan# 996

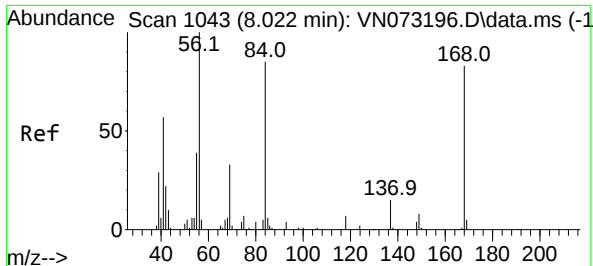
Delta R.T. 0.000 min

Lab File: VN073460.D

Acq: 14 Jul 2022 14:51

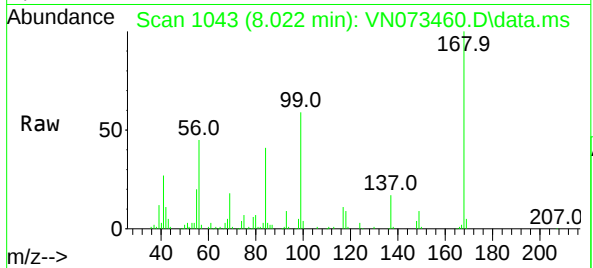
Tgt Ion:	83	Resp:	103647
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.8	77.8





#31
Cyclohexane
Concen: 20.465 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

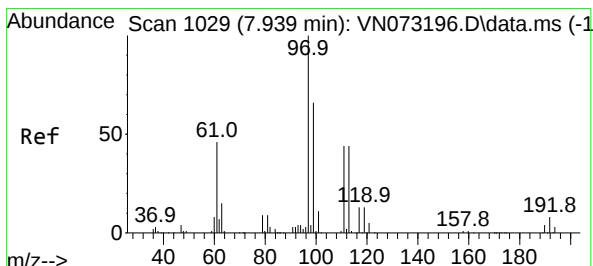
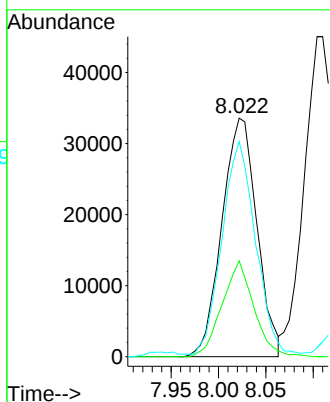
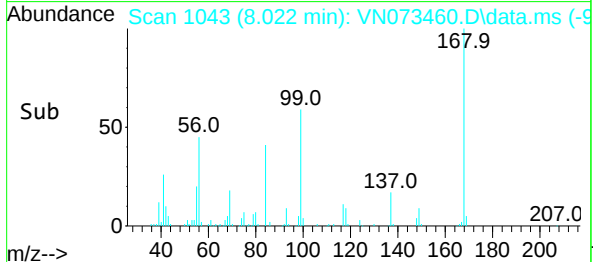
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



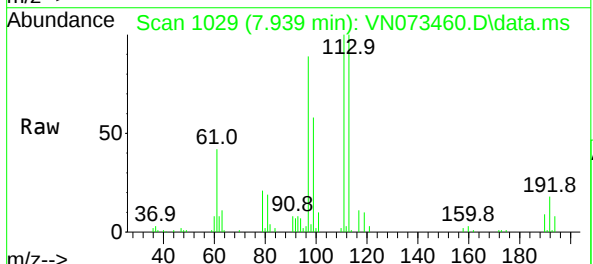
Tgt Ion: 56 Resp: 86220
Ion Ratio Lower Upper
56 100
69 40.2 27.8 41.8
84 89.0 76.9 115.3

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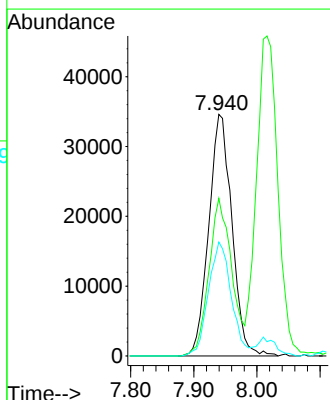
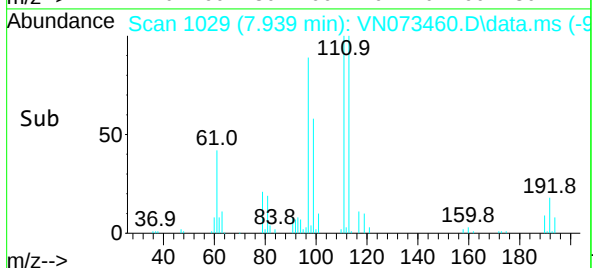
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

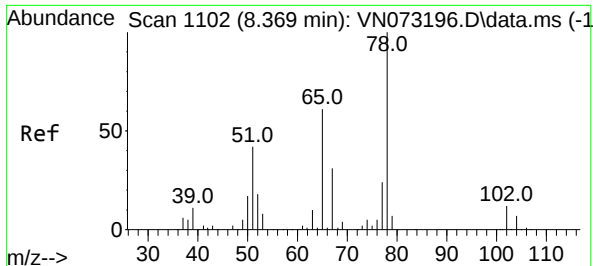


#32
1,1,1-Trichloroethane
Concen: 23.018 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51



Tgt Ion: 97 Resp: 88165
Ion Ratio Lower Upper
97 100
99 64.5 50.6 76.0
61 46.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 61.367 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073460.D

Acq: 14 Jul 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD01

Tgt Ion: 65 Resp: 15786

Ion Ratio Lower Upper

65 100

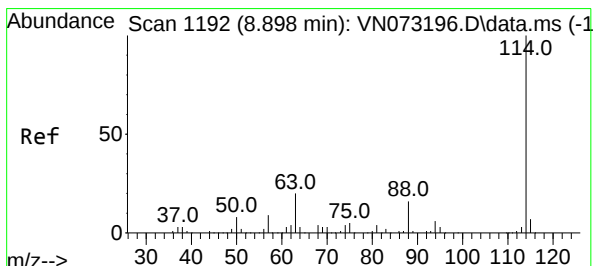
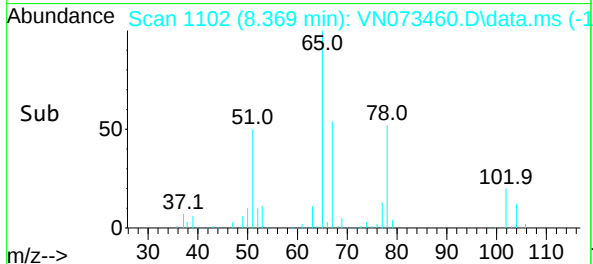
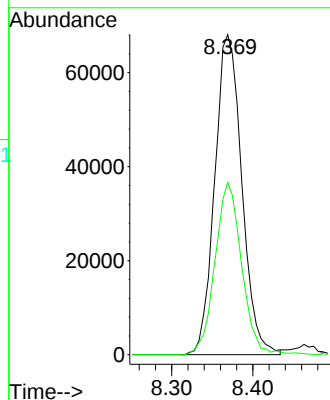
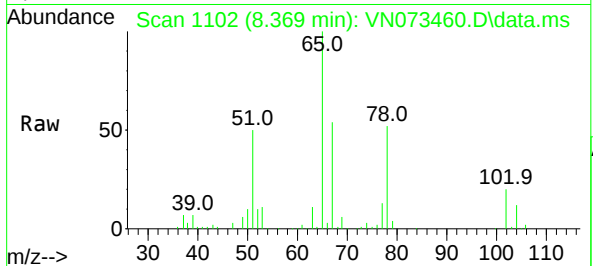
67 52.9 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073460.D

Acq: 14 Jul 2022 14:51

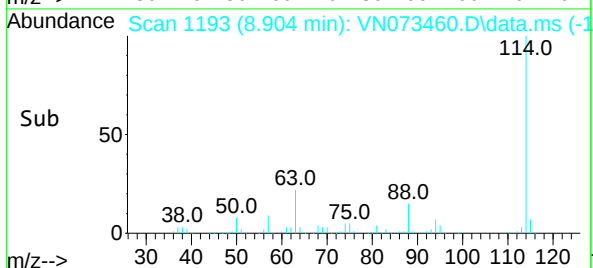
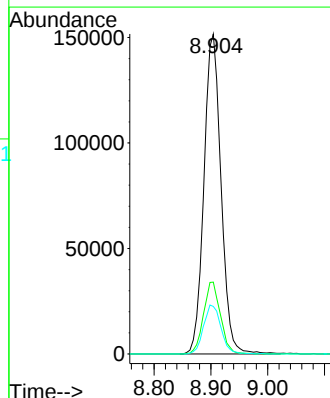
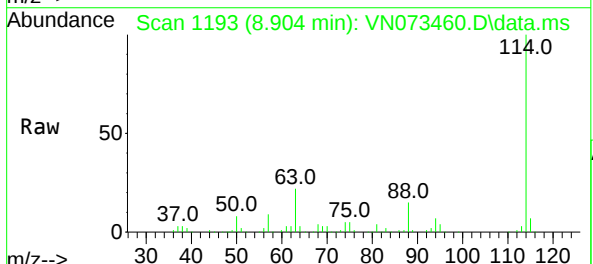
Tgt Ion:114 Resp: 316560

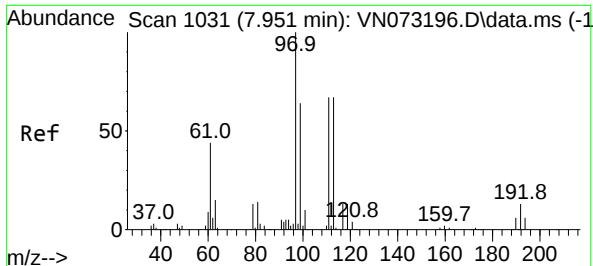
Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.0

88 14.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 58.628 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073460.D

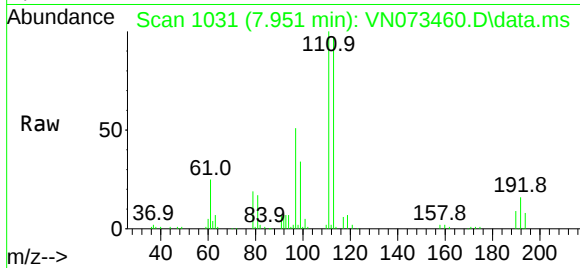
Acq: 14 Jul 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD01



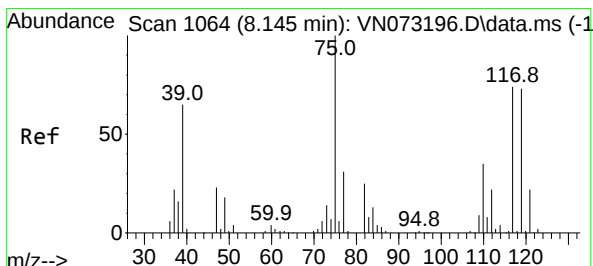
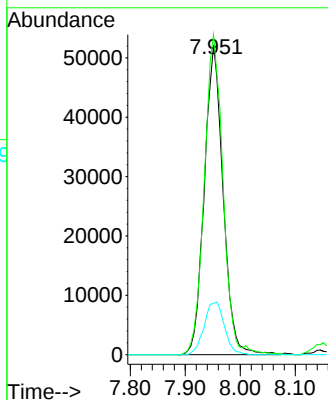
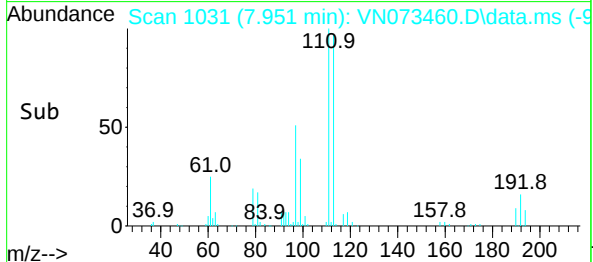
Tgt Ion:	113	Resp:	123478
Ion Ratio	100	Lower	Upper
113	100		
111	103.7	81.4	122.0
192	18.4	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#36

1,1-Dichloropropene

Concen: 21.268 ug/l

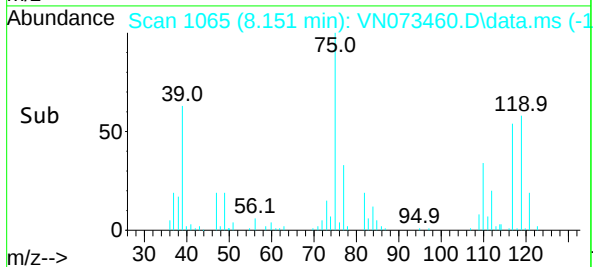
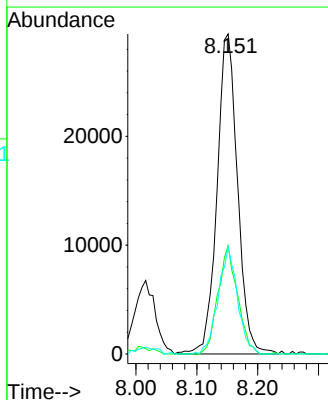
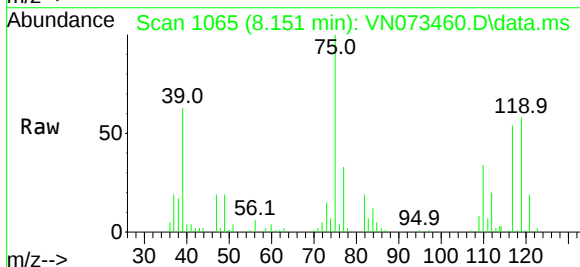
RT: 8.151 min Scan# 1065

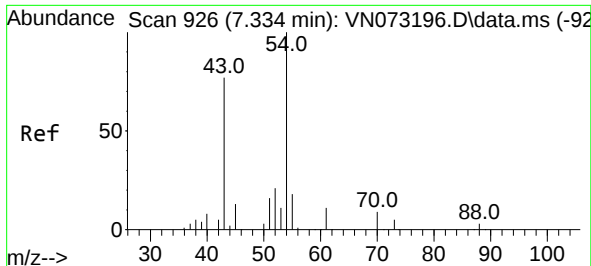
Delta R.T. 0.006 min

Lab File: VN073460.D

Acq: 14 Jul 2022 14:51

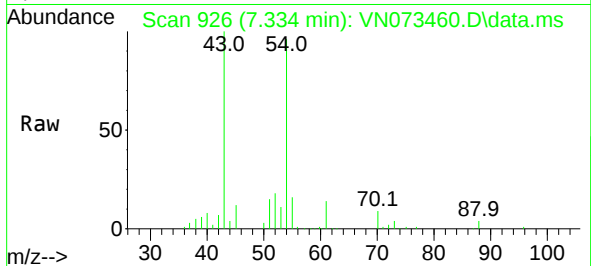
Tgt Ion:	75	Resp:	68922
Ion Ratio	100	Lower	Upper
75	100		
110	32.0	18.3	54.8
77	31.5	25.1	37.7





#37
Ethyl Acetate
Concen: 25.595 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

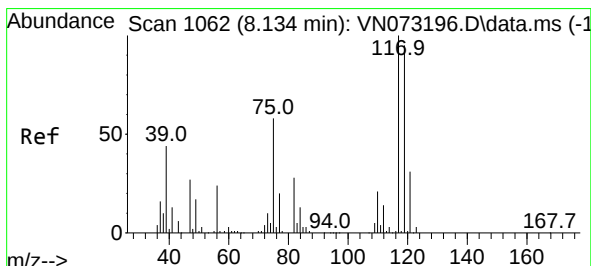
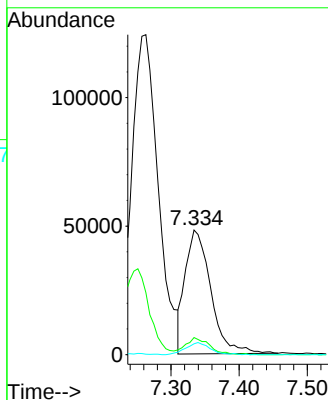
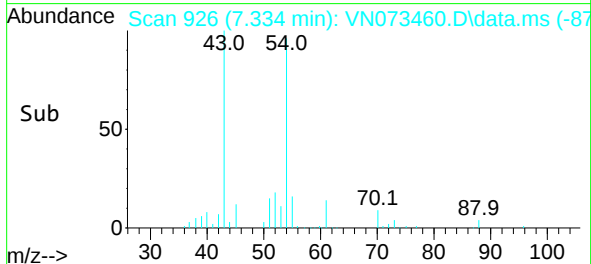
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion: 43 Resp: 125329
Ion Ratio Lower Upper
43 100
61 12.3 11.8 17.6
70 9.3 9.3 13.9

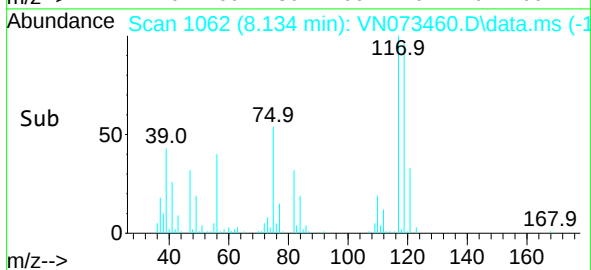
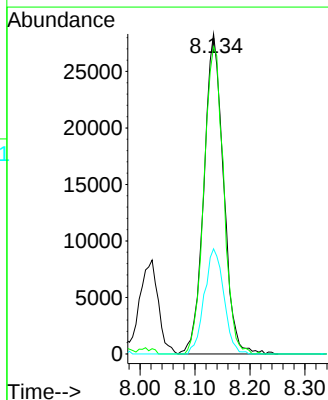
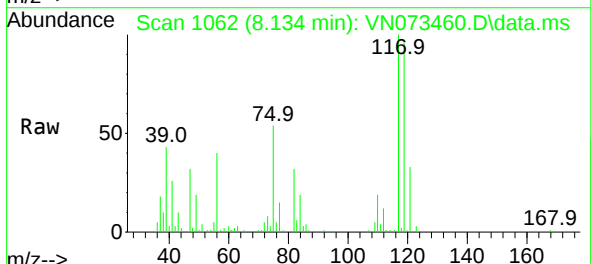
Manual Integrations
APPROVED

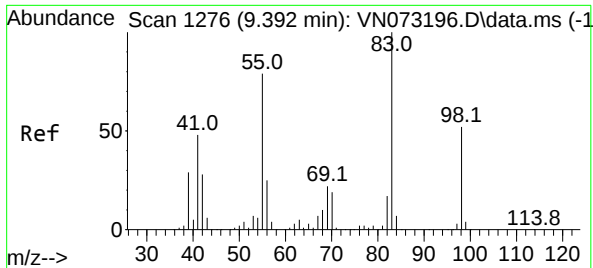
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#38
Carbon Tetrachloride
Concen: 20.934 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

Tgt Ion:117 Resp: 70157
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.8
121 32.8 24.6 37.0





#39

Methylcyclohexane

Concen: 19.747 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073460.D

Acq: 14 Jul 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD01

Tgt Ion: 83 Resp: 7967

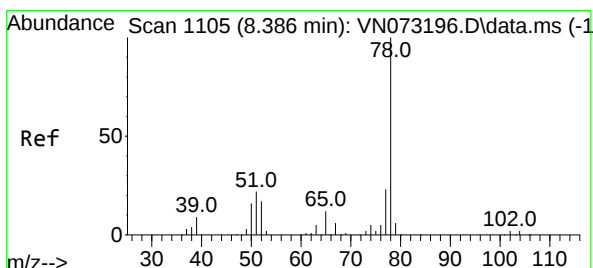
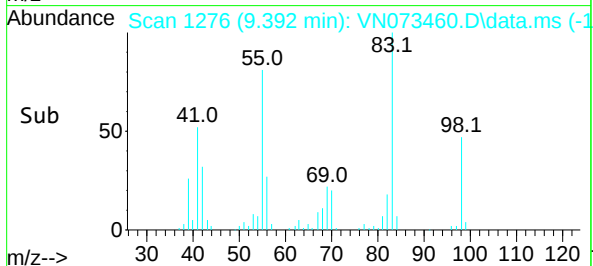
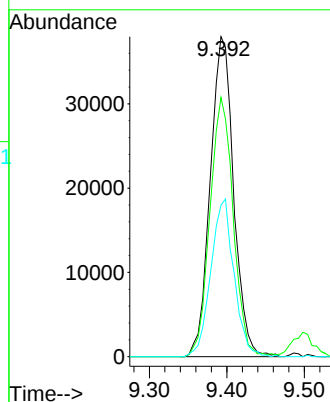
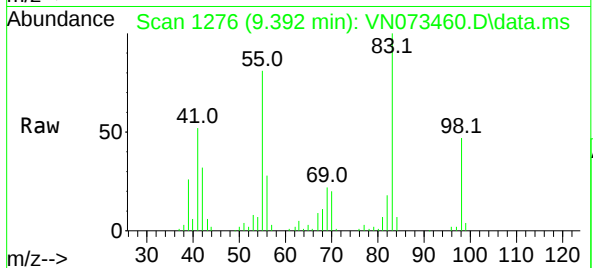
Ion	Ratio	Lower	Upper
83	100		
55	81.0	57.8	86.8
98	47.4	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#40

Benzene

Concen: 22.113 ug/l

RT: 8.392 min Scan# 1106

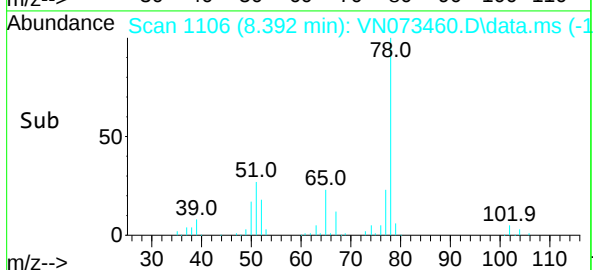
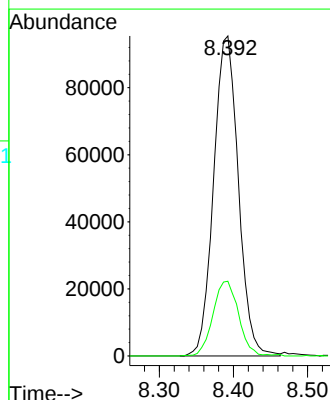
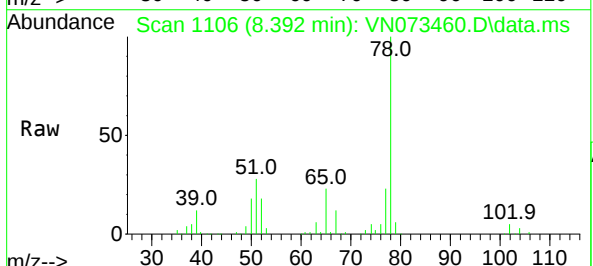
Delta R.T. 0.006 min

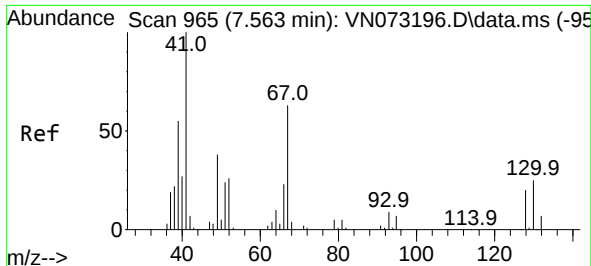
Lab File: VN073460.D

Acq: 14 Jul 2022 14:51

Tgt Ion: 78 Resp: 221156

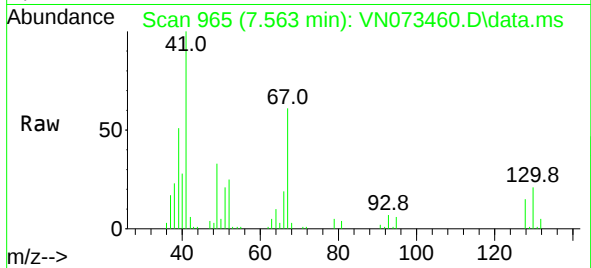
Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.4	29.0





#41
Methacrylonitrile
Concen: 22.449 ug/l
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

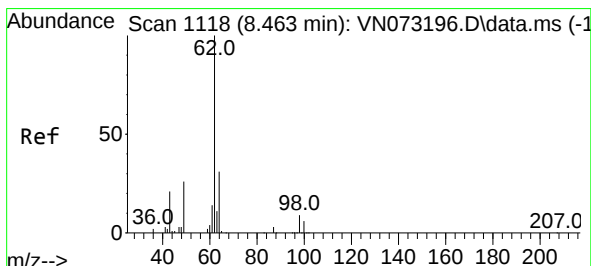
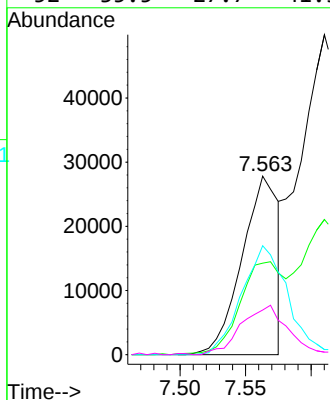
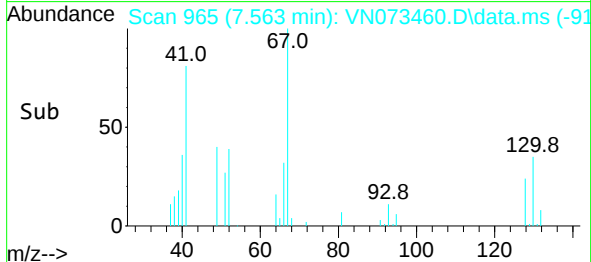
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



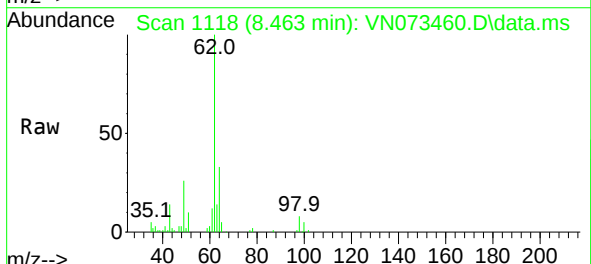
Tgt Ion:	41	Resp:	5331
Ion Ratio	100	Lower	Upper
39	63.8	48.6	73.0
67	79.2	73.4	110.2
52	35.5	27.7	41.5

Manual Integrations
APPROVED

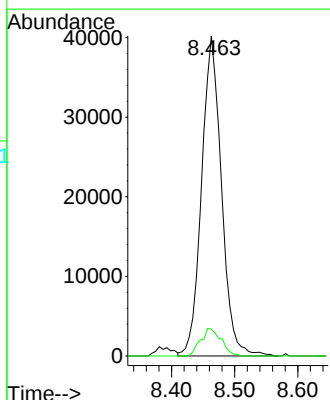
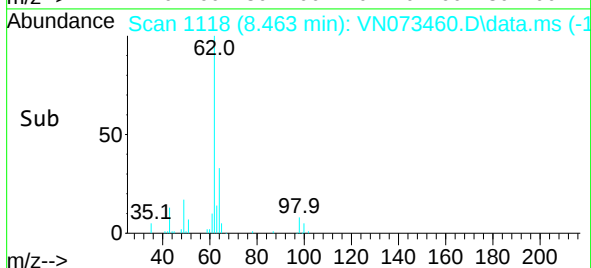
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

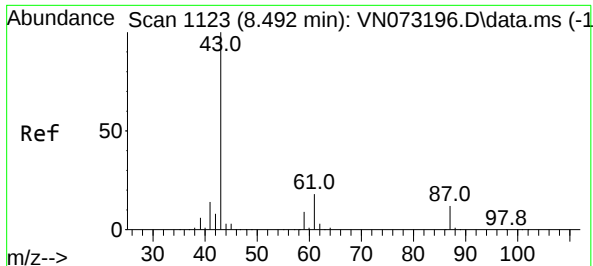


#42
1,2-Dichloroethane
Concen: 24.290 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51



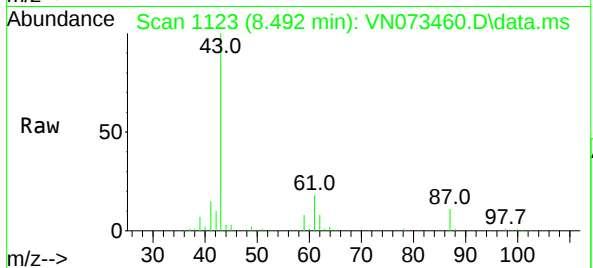
Tgt Ion:	62	Resp:	88060
Ion Ratio	100	Lower	Upper
98	8.9	0.0	19.4





#43
Isopropyl Acetate
Concen: 25.177 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

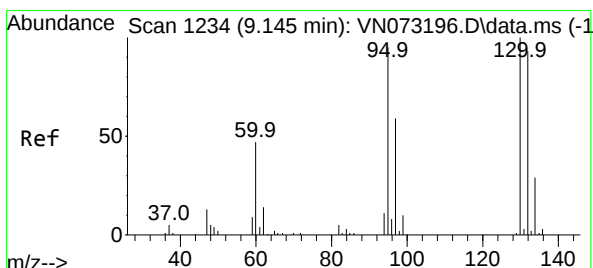
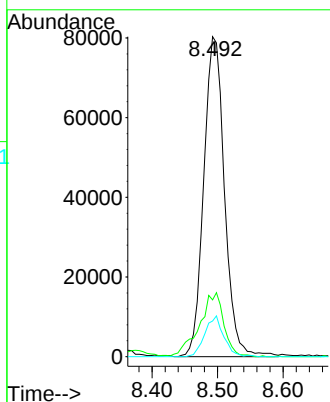
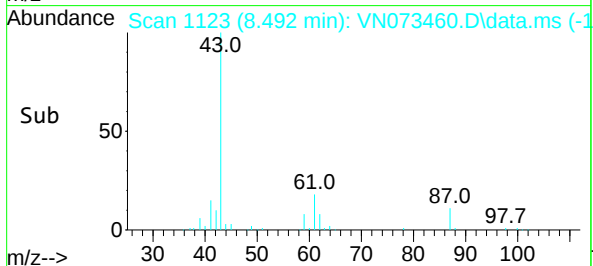
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



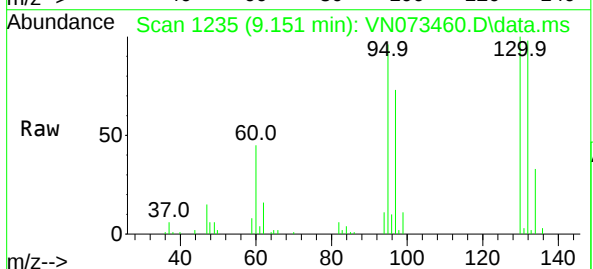
Tgt Ion: 43 Resp: 17717
Ion Ratio Lower Upper
43 100
61 23.6 21.9 32.9
87 11.6 12.0 18.0

Manual Integrations
APPROVED

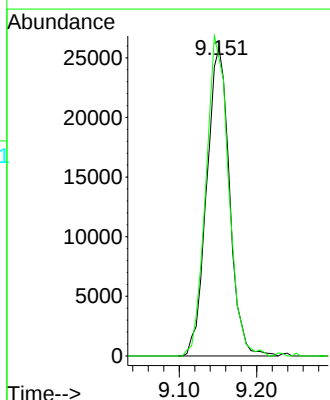
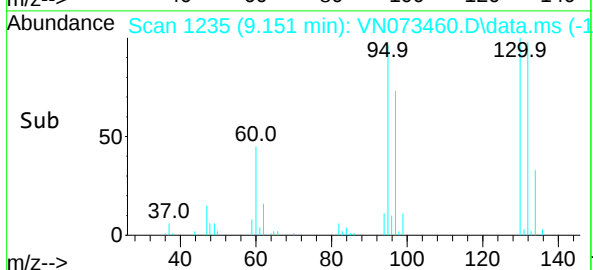
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

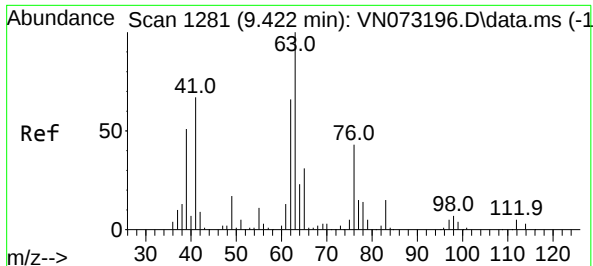


#44
Trichloroethene
Concen: 20.815 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51



Tgt Ion:130 Resp: 52976
Ion Ratio Lower Upper
130 100
95 96.5 0.0 186.8





#45

1,2-Dichloropropane

Concen: 23.837 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VN073460.D

Acq: 14 Jul 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD01

Tgt Ion: 63 Resp: 60764

Ion Ratio Lower Upper

63 100

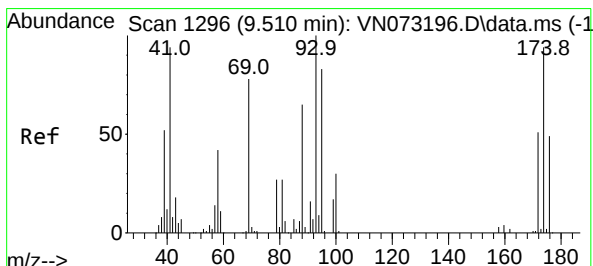
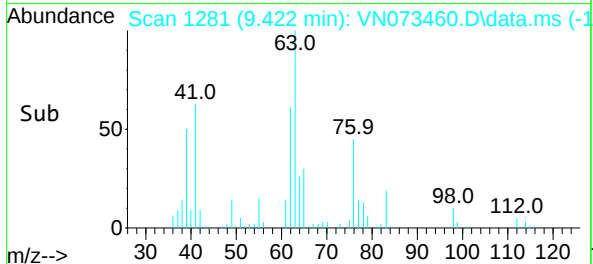
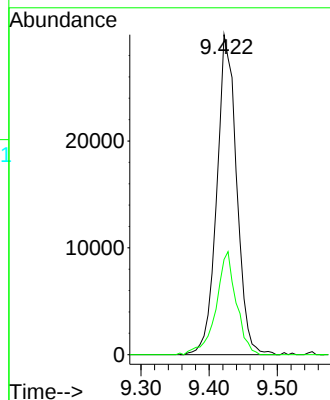
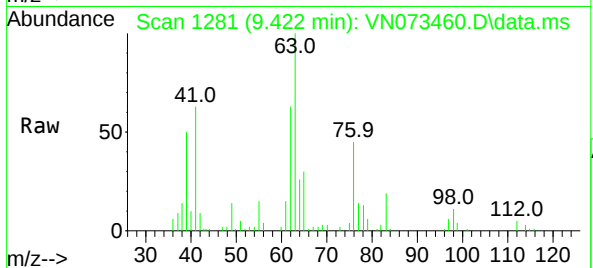
65 29.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#46

Dibromomethane

Concen: 23.362 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073460.D

Acq: 14 Jul 2022 14:51

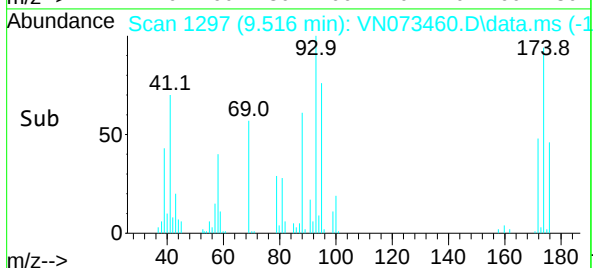
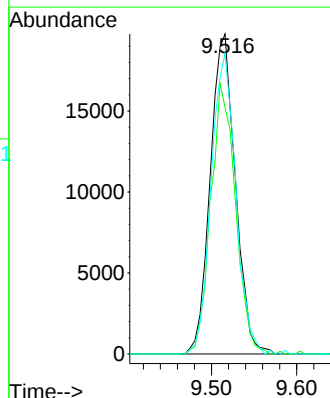
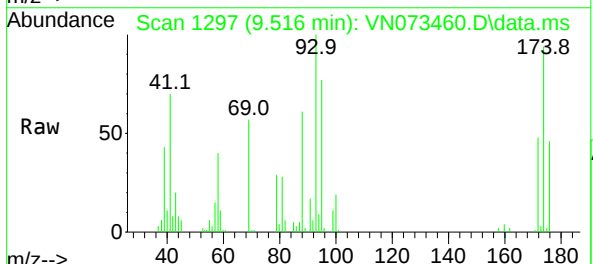
Tgt Ion: 93 Resp: 40436

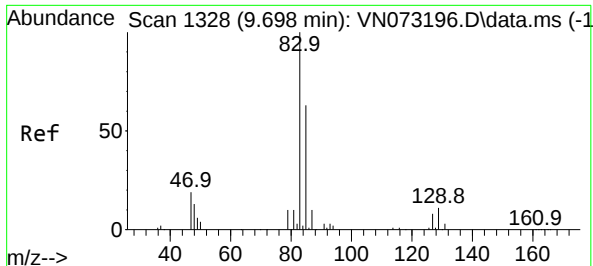
Ion Ratio Lower Upper

93 100

95 83.1 66.9 100.3

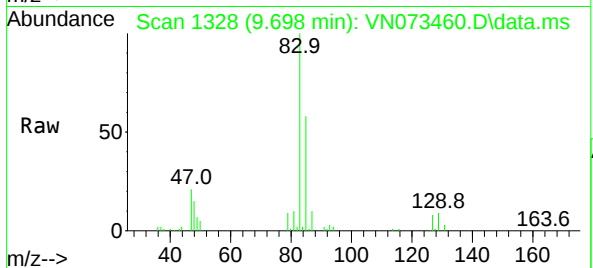
174 92.4 86.6 130.0





#47
Bromodichloromethane
Concen: 24.294 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

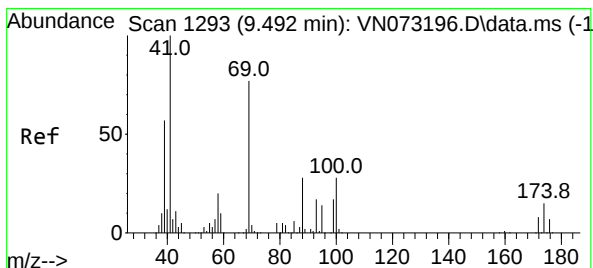
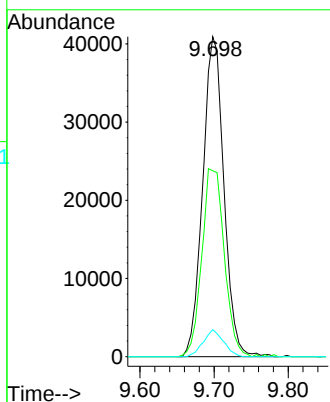
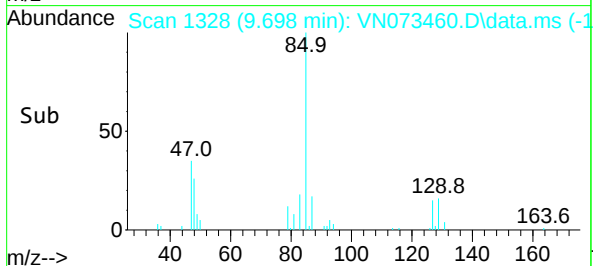
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



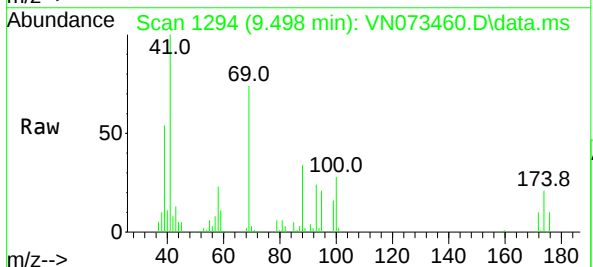
Tgt Ion: 83 Resp: 81440
Ion Ratio Lower Upper
83 100
85 58.1 50.5 75.7
127 8.5 6.8 10.2

Manual Integrations
APPROVED

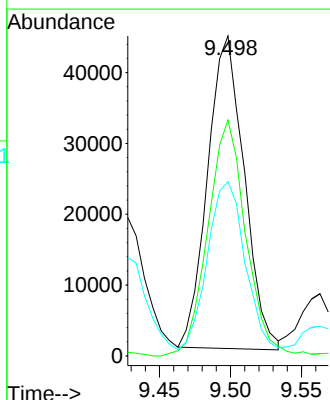
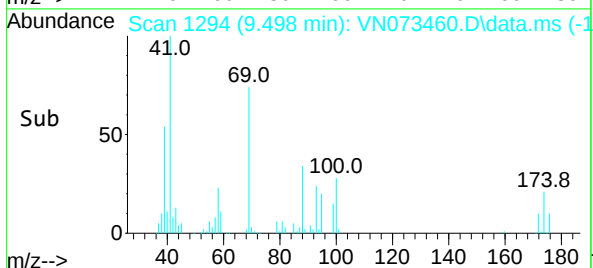
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

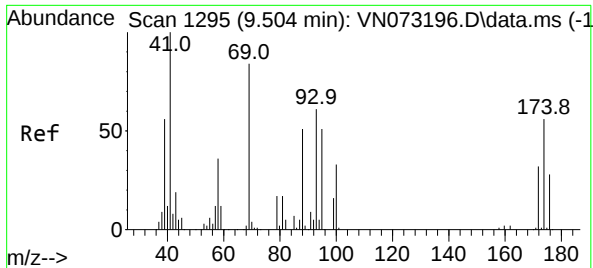


#48
Methyl methacrylate
Concen: 24.277 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51



Tgt Ion: 41 Resp: 79104
Ion Ratio Lower Upper
41 100
69 78.5 74.7 112.1
39 58.7 45.6 68.4





#49

1,4-Dioxane

Concen: 565.899 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN073460.D

Acq: 14 Jul 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD01

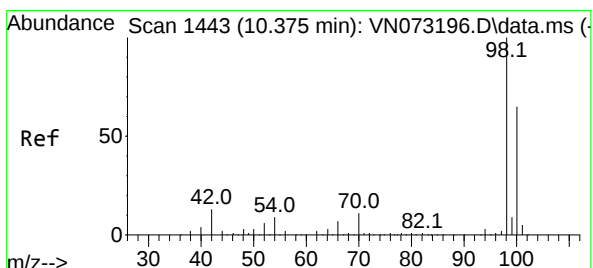
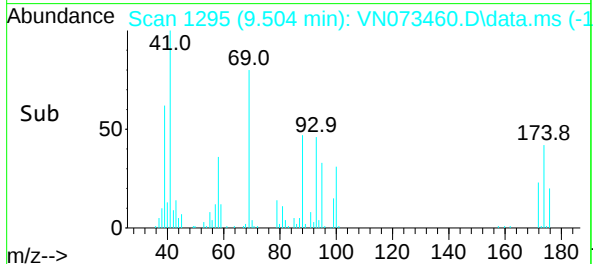
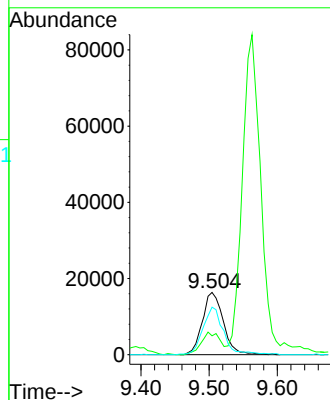
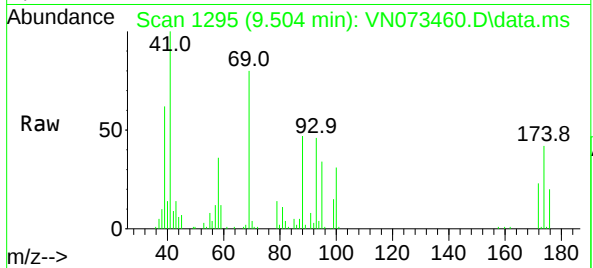
Tgt Ion: 88 Resp: 35004
 Ion Ratio Lower Upper
 88 100
 43 31.9 20.2 30.4
 58 75.1 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#50

Toluene-d8

Concen: 55.429 ug/l

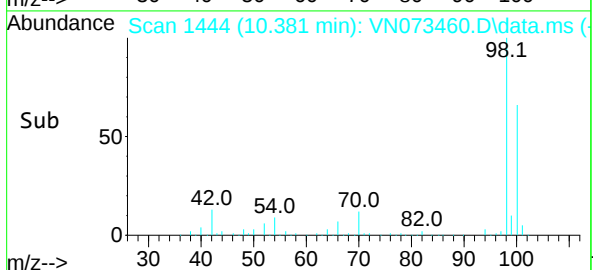
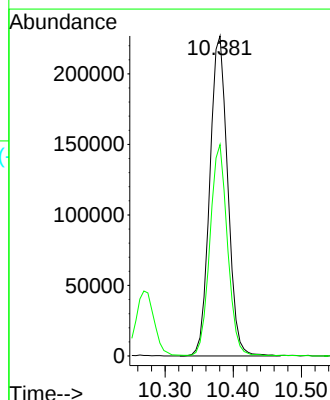
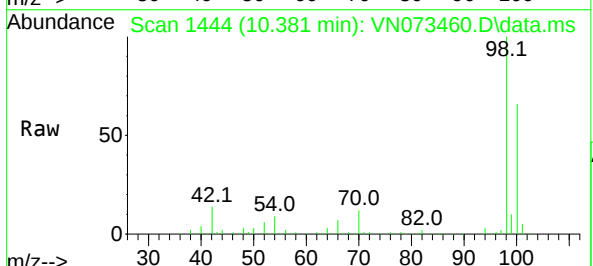
RT: 10.381 min Scan# 1444

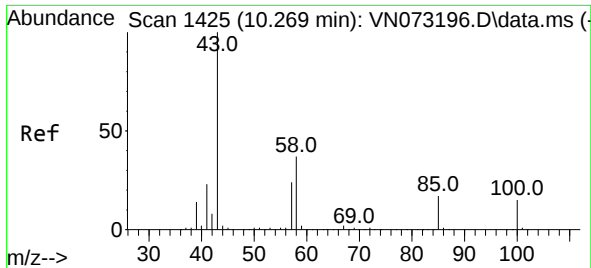
Delta R.T. 0.006 min

Lab File: VN073460.D

Acq: 14 Jul 2022 14:51

Tgt Ion: 98 Resp: 414620
 Ion Ratio Lower Upper
 98 100
 100 64.4 52.6 78.8





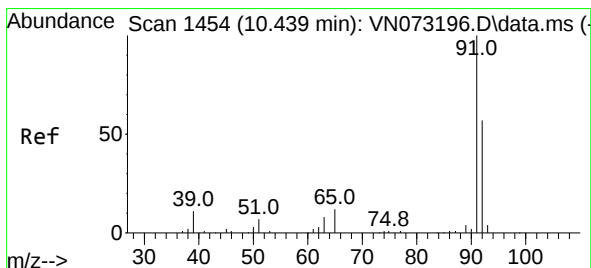
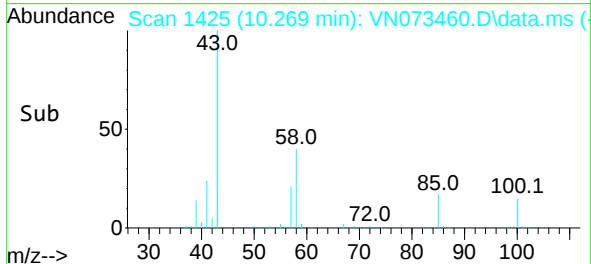
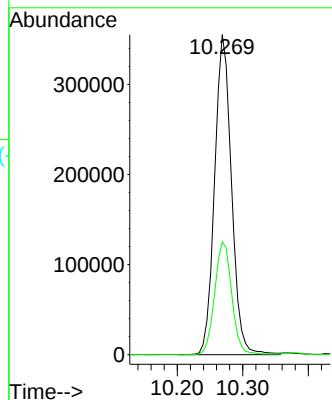
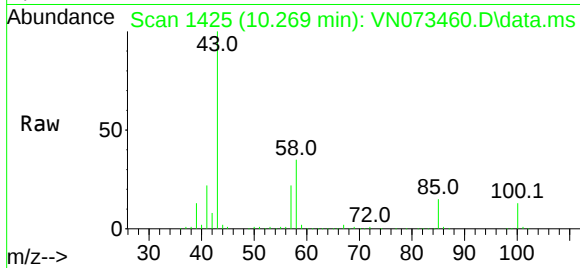
#51
4-Methyl-2-Pentanone
Concen: 142.213 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01

Tgt Ion: 43 Resp: 63465
Ion Ratio Lower Upper
43 100
58 35.8 34.1 51.1

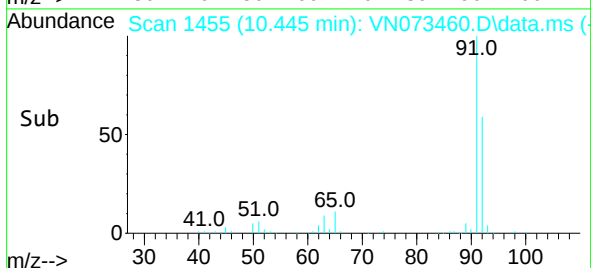
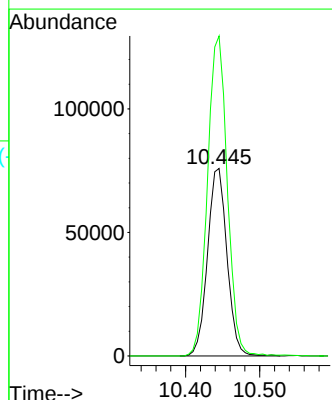
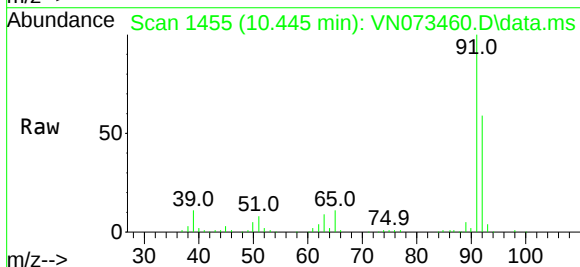
Manual Integrations
APPROVED

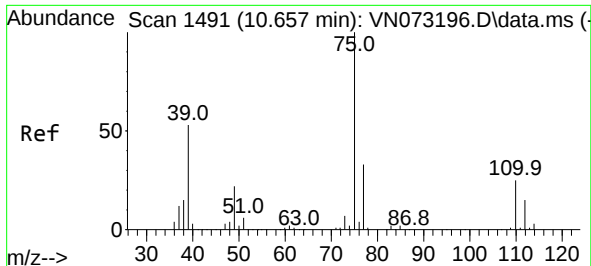
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#52
Toluene
Concen: 22.404 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

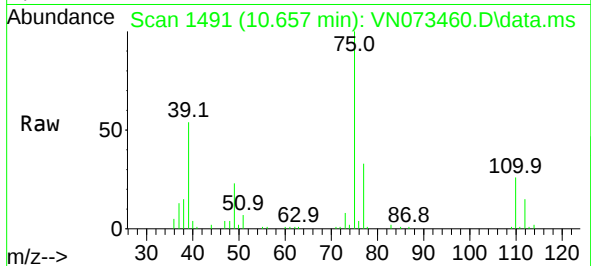
Tgt Ion: 92 Resp: 138474
Ion Ratio Lower Upper
92 100
91 173.3 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 22.316 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

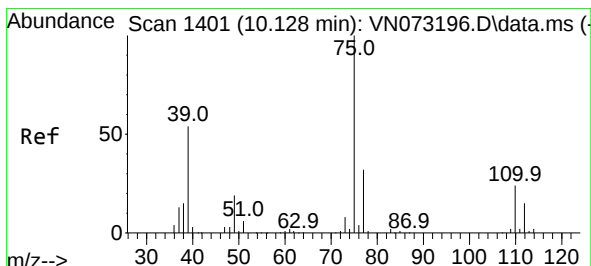
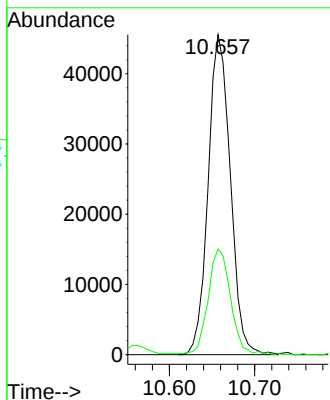
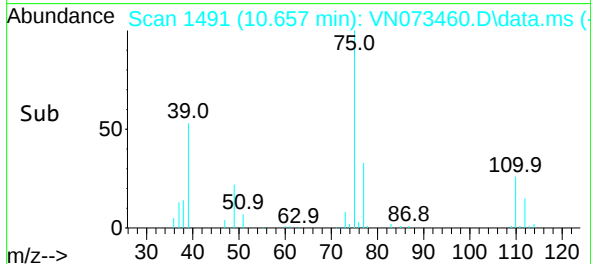
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion: 75 Resp: 82350
Ion Ratio Lower Upper
75 100
77 32.6 25.6 38.4

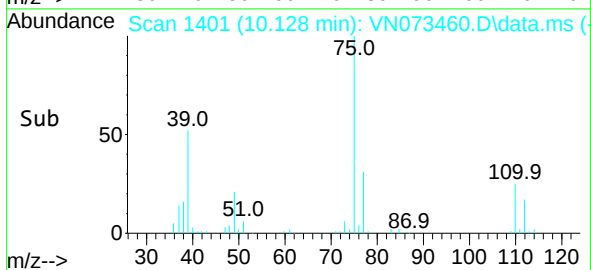
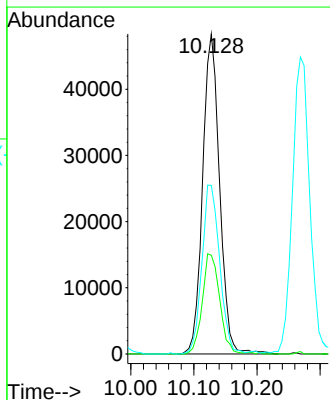
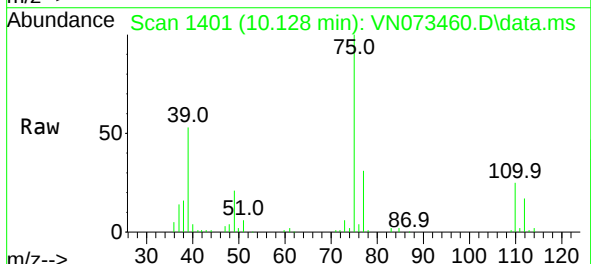
Manual Integrations
APPROVED

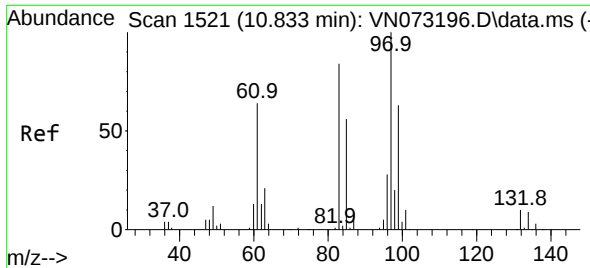
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#54
cis-1,3-Dichloropropene
Concen: 22.666 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. -0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

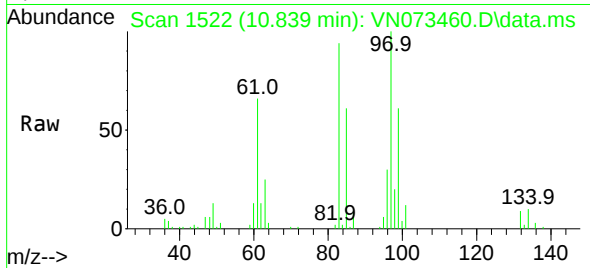
Tgt Ion: 75 Resp: 90303
Ion Ratio Lower Upper
75 100
77 30.8 25.2 37.8
39 52.7 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 23.615 ug/l
RT: 10.839 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

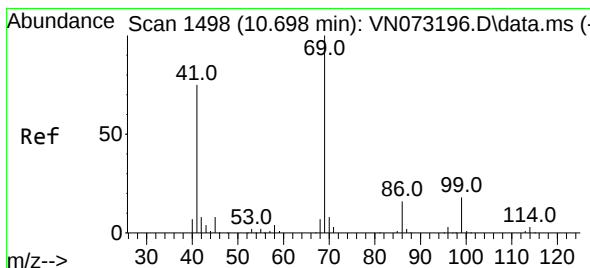
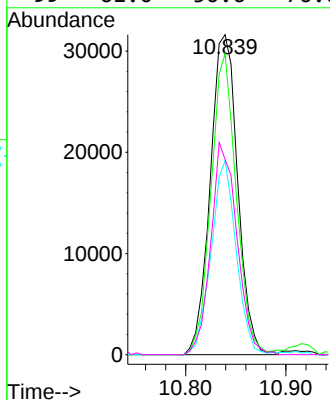
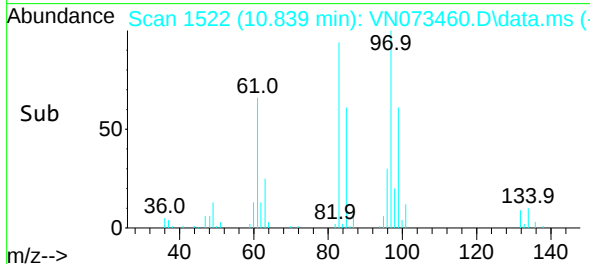
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



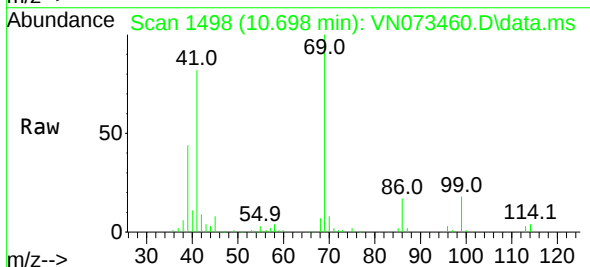
Tgt Ion: 97 Resp: 60088
Ion Ratio Lower Upper
97 100
83 94.1 66.2 99.4
85 60.6 43.9 65.9
99 61.0 50.6 76.0

Manual Integrations
APPROVED

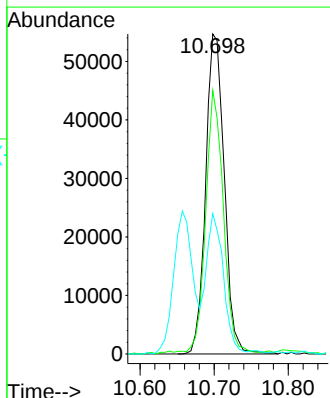
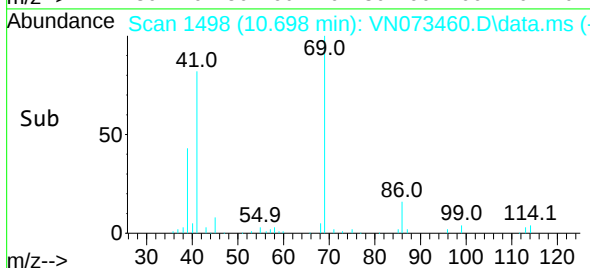
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

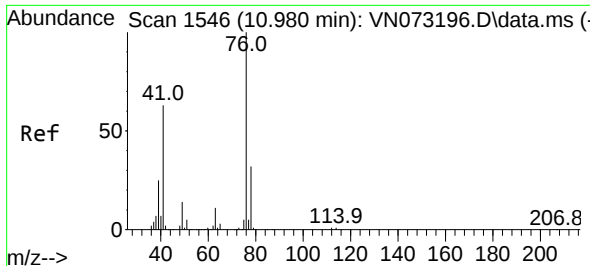


#56
Ethyl methacrylate
Concen: 23.177 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51



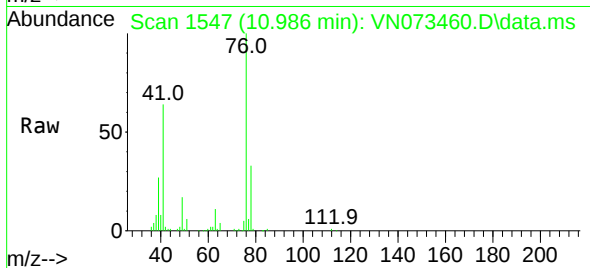
Tgt Ion: 69 Resp: 95320
Ion Ratio Lower Upper
69 100
41 79.5 47.8 71.6#
39 39.5 27.3 40.9





#57
1,3-Dichloropropane
Concen: 23.912 ug/l
RT: 10.986 min Scan# 1546
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

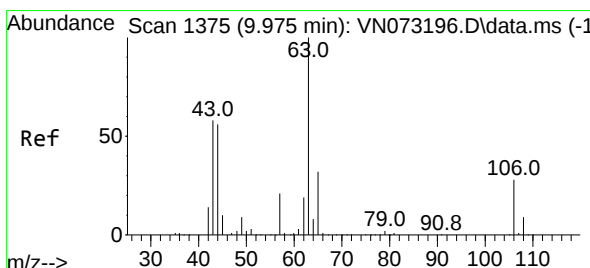
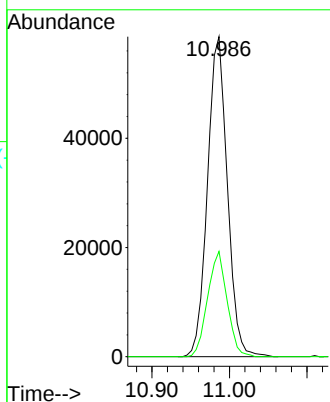
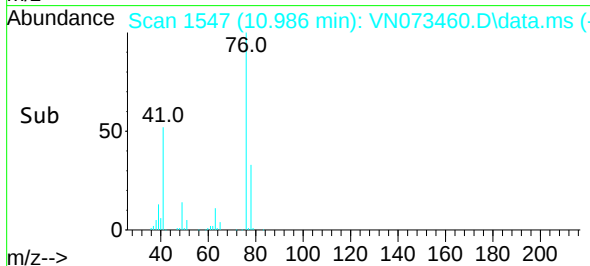
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion: 76 Resp: 104302
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.2

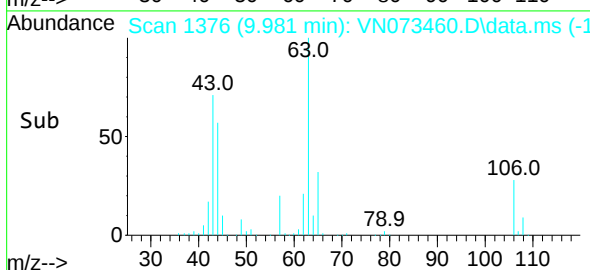
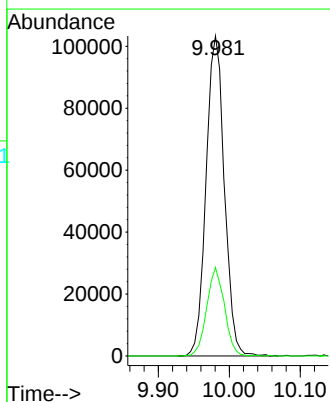
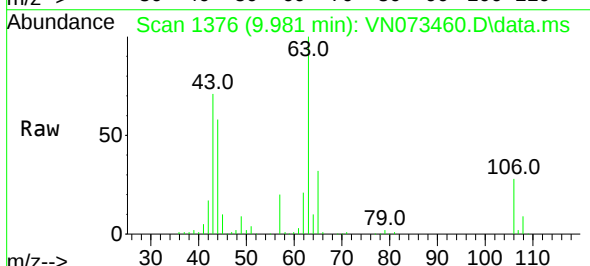
Manual Integrations
APPROVED

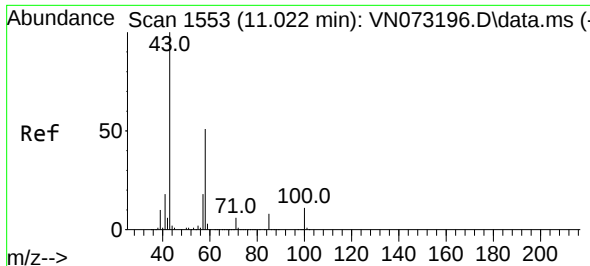
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#58
2-Chloroethyl Vinyl ether
Concen: 100.795 ug/l
RT: 9.981 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

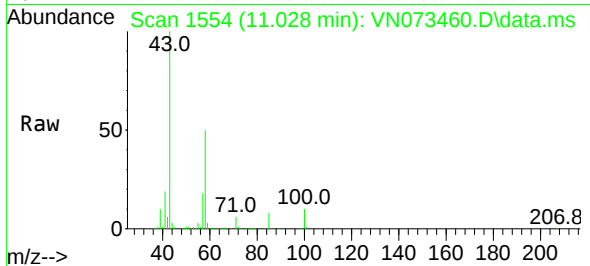
Tgt Ion: 63 Resp: 184880
Ion Ratio Lower Upper
63 100
106 26.7 24.6 36.8





#59
2-Hexanone
Concen: 140.351 ug/l
RT: 11.028 min Scan# 1553
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

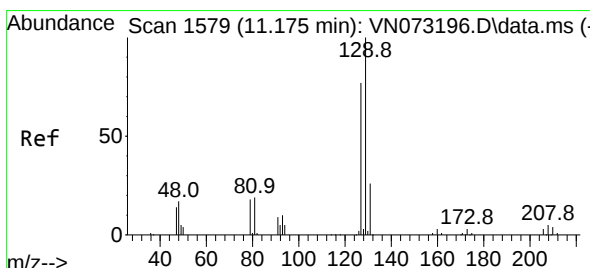
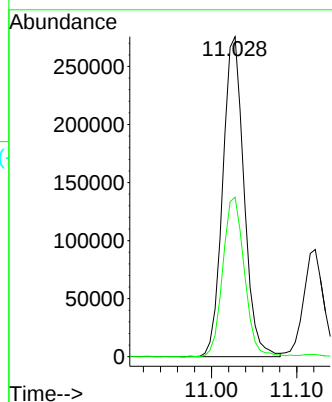
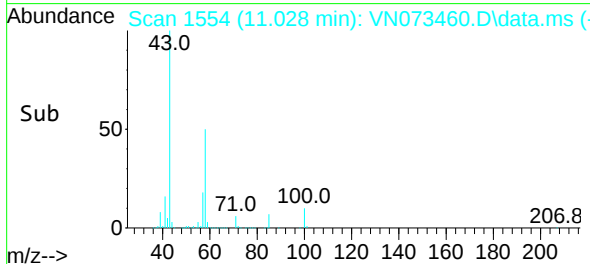
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion: 43 Resp: 47744
Ion Ratio Lower Upper
43 100
58 50.6 29.7 89.1

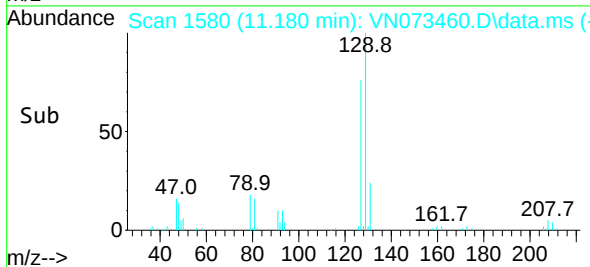
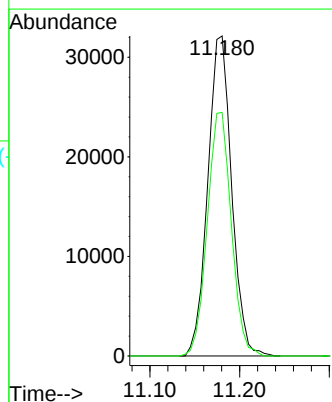
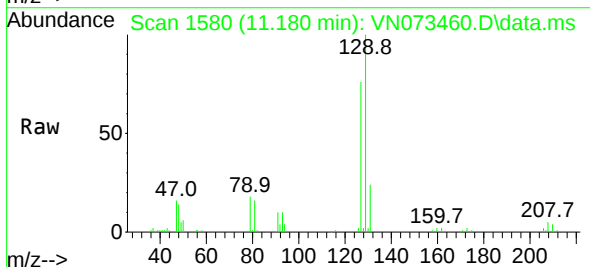
Manual Integrations
APPROVED

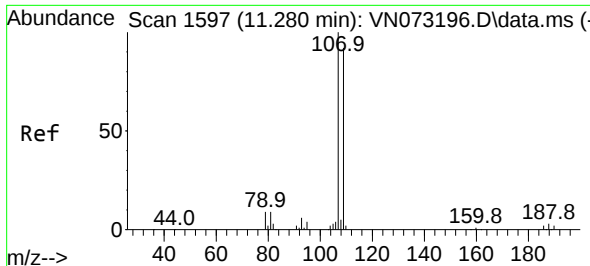
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#60
Dibromochloromethane
Concen: 24.478 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.005 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

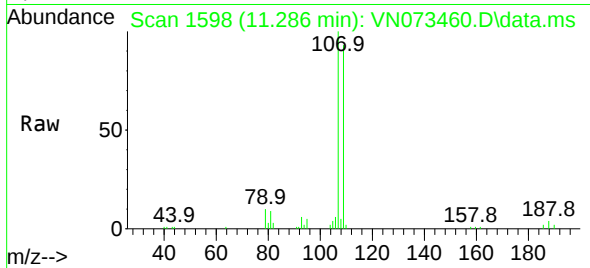
Tgt Ion:129 Resp: 59384
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 23.783 ug/l
RT: 11.286 min Scan# 11286
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

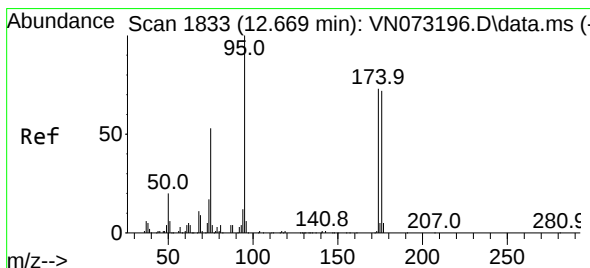
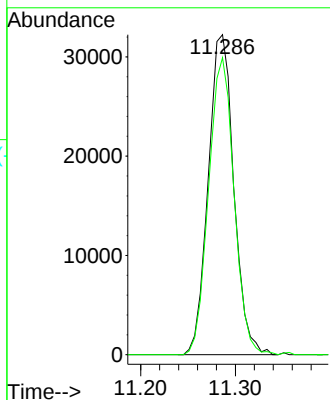
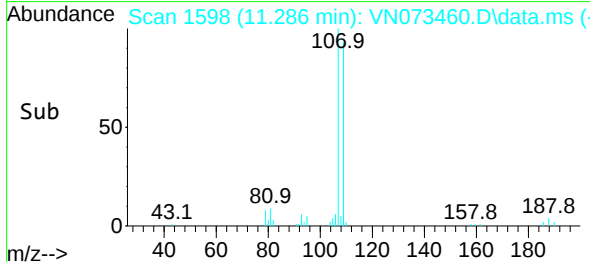
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



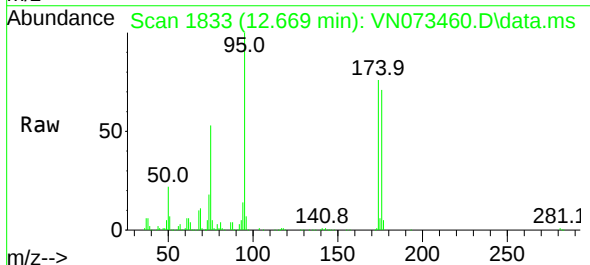
Tgt Ion:107 Resp: 6044
Ion Ratio Lower Upper
107 100
109 92.1 75.0 112.6

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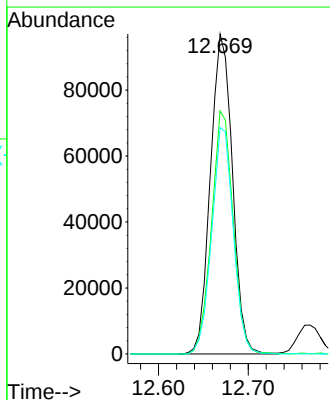
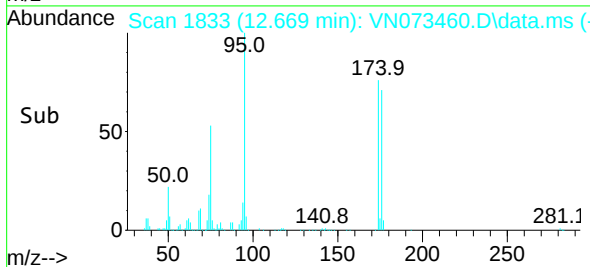
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

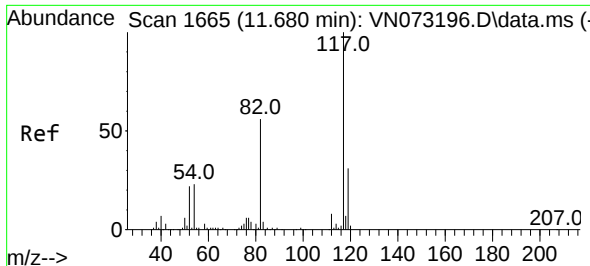


#62
4-Bromofluorobenzene
Concen: 57.430 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51



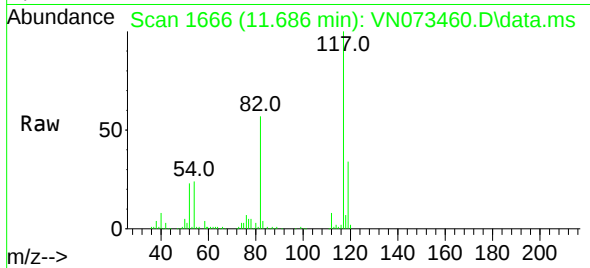
Tgt Ion: 95 Resp: 165089
Ion Ratio Lower Upper
95 100
174 74.6 0.0 167.6
176 69.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11666
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

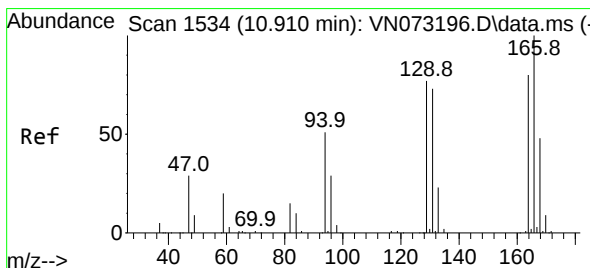
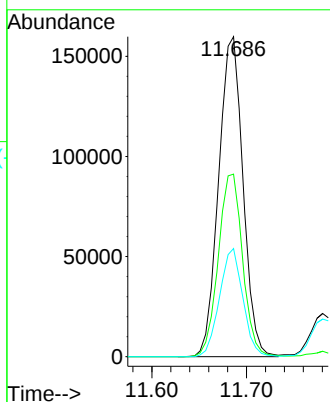
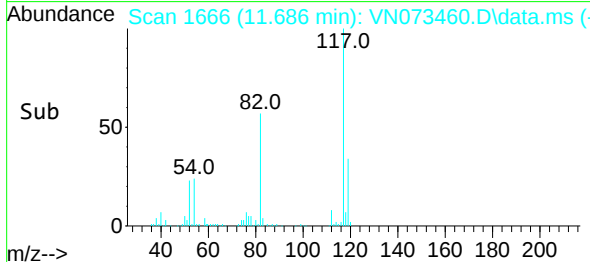
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



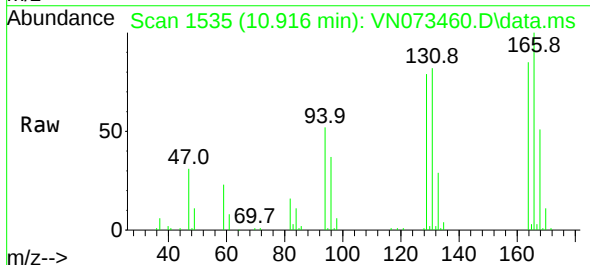
Tgt Ion:117 Resp: 28576
Ion Ratio Lower Upper
117 100
82 57.0 44.2 66.2
119 33.8 25.4 38.0

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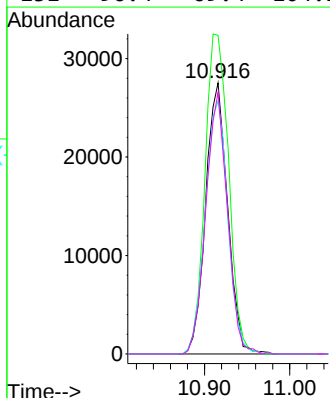
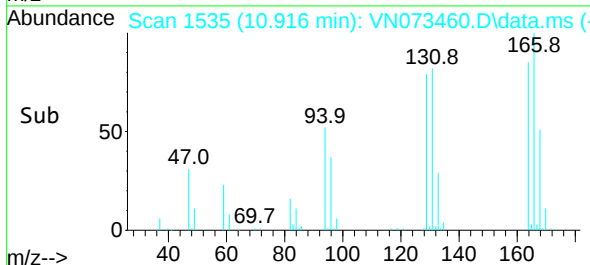
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

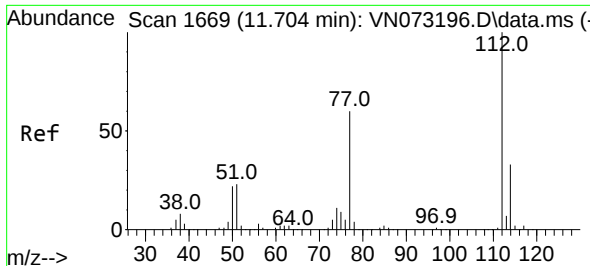


#64
Tetrachloroethene
Concen: 21.101 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51



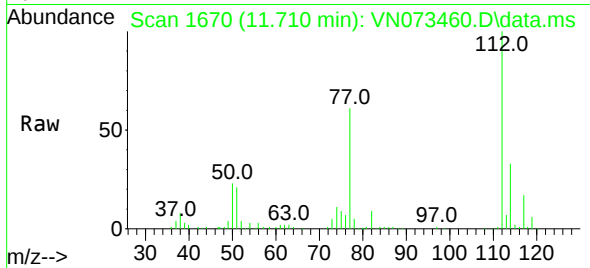
Tgt Ion:164 Resp: 49240
Ion Ratio Lower Upper
164 100
166 117.6 104.2 156.2
129 93.3 73.9 110.9
131 96.4 69.4 104.2





#65
Chlorobenzene
Concen: 22.006 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

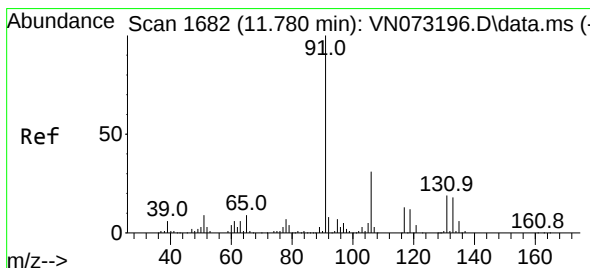
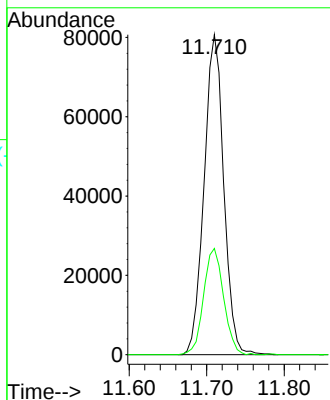
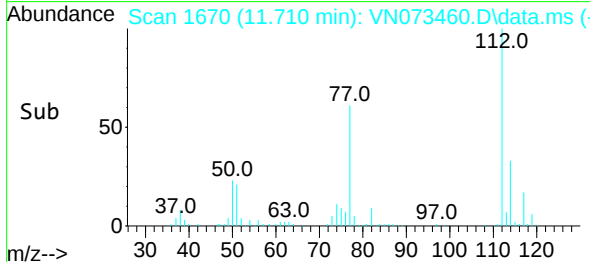
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



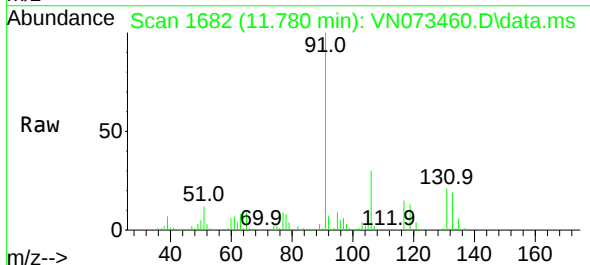
Tgt Ion:112 Resp: 142220
Ion Ratio Lower Upper
112 100
114 33.2 25.4 38.2

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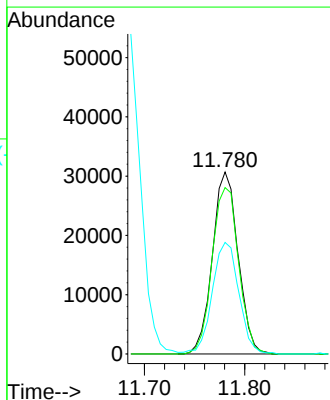
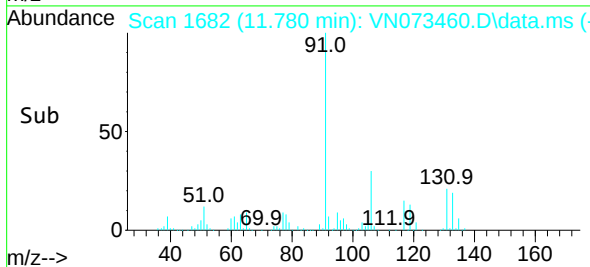
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

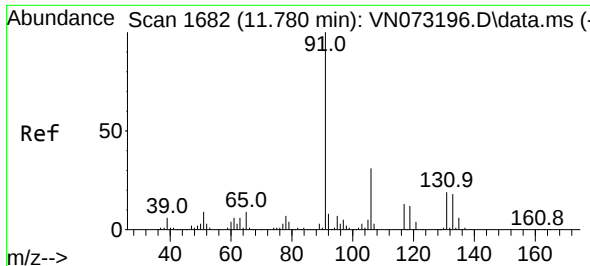


#66
1,1,1,2-Tetrachloroethane
Concen: 22.924 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51



Tgt Ion:131 Resp: 54496
Ion Ratio Lower Upper
131 100
133 94.6 47.8 143.4
119 63.7 33.4 100.2





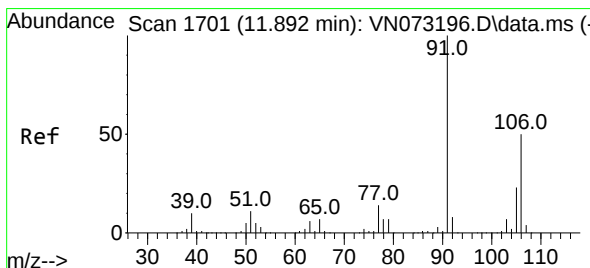
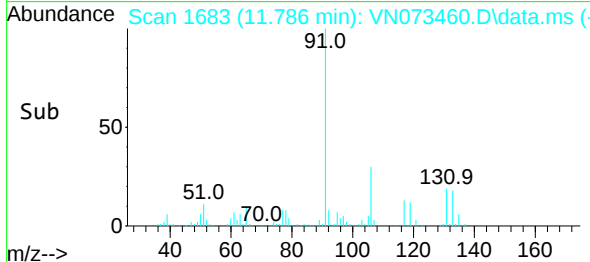
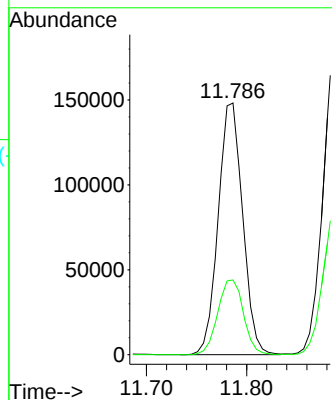
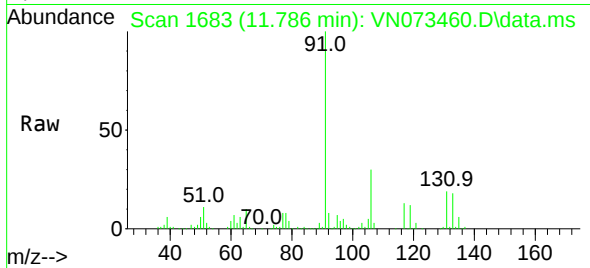
#67
Ethyl Benzene
Concen: 21.424 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01

Tgt Ion: 91 Resp: 251379
Ion Ratio Lower Upper
91 100
106 29.7 24.9 37.3

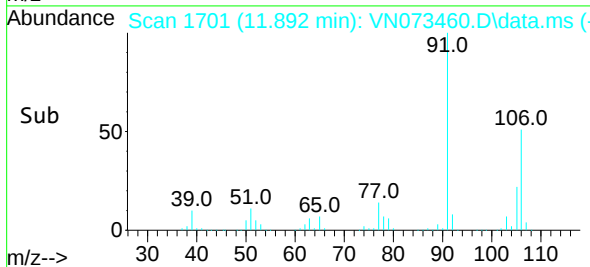
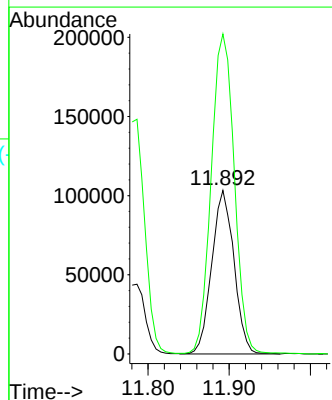
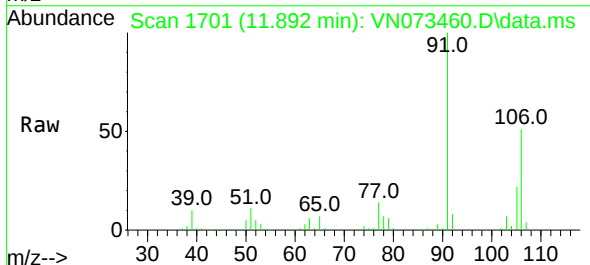
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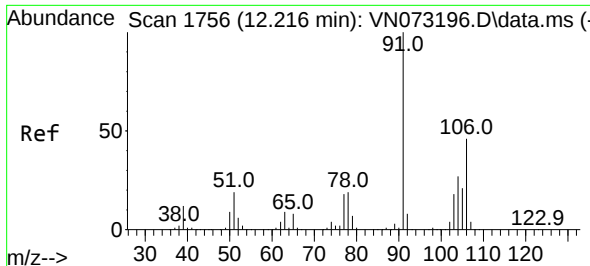
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#68
m/p-Xylenes
Concen: 44.354 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

Tgt Ion:106 Resp: 196408
Ion Ratio Lower Upper
106 100
91 203.8 158.9 238.3





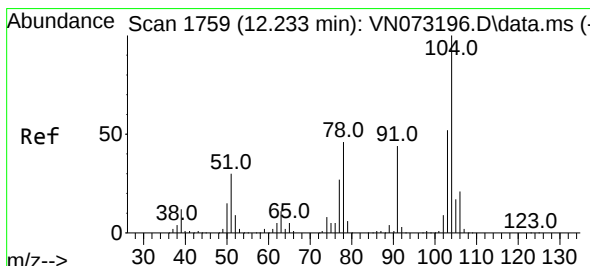
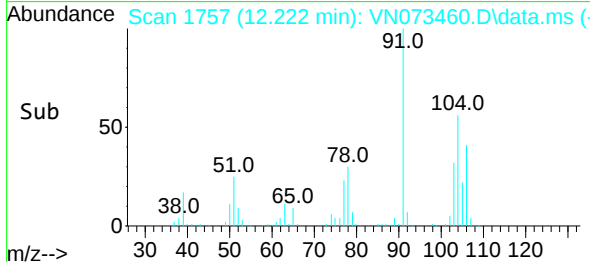
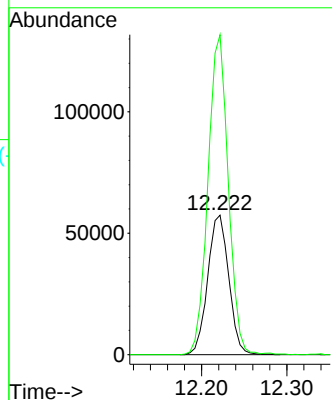
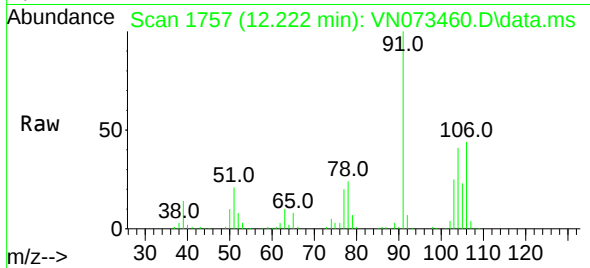
#69
o-Xylene
Concen: 21.841 ug/l
RT: 12.222 min Scan# 1756
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01

Tgt Ion:106 Resp: 98735
Ion Ratio Lower Upper
106 100
91 220.7 106.0 318.0

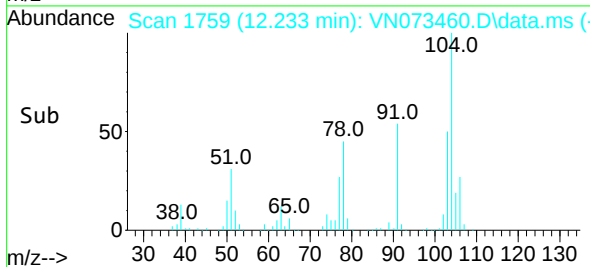
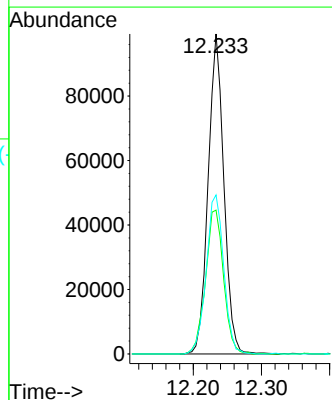
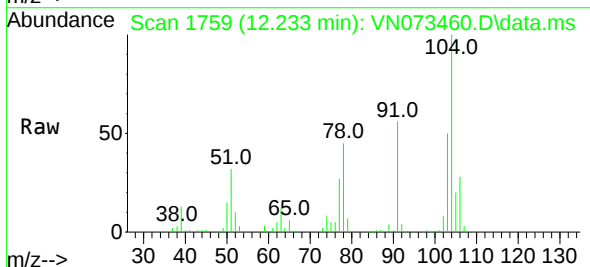
Manual Integrations
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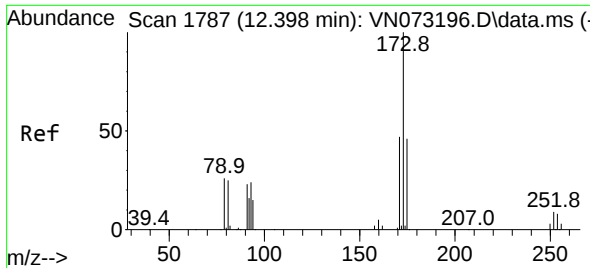
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#70
Styrene
Concen: 22.813 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

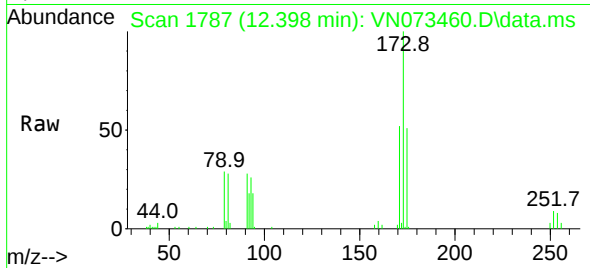
Tgt Ion:104 Resp: 159220
Ion Ratio Lower Upper
104 100
78 51.5 39.5 59.3
103 55.4 44.0 66.0





#71
Bromoform
Concen: 24.619 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

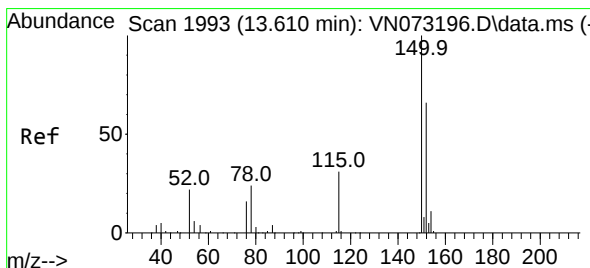
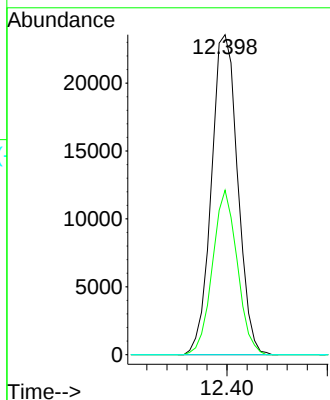
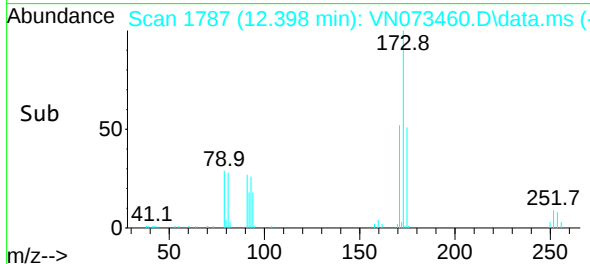
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



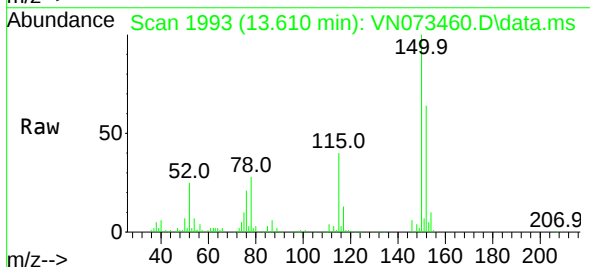
Tgt Ion:173 Resp: 4282
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.6
254 0.0 0.1 0.1

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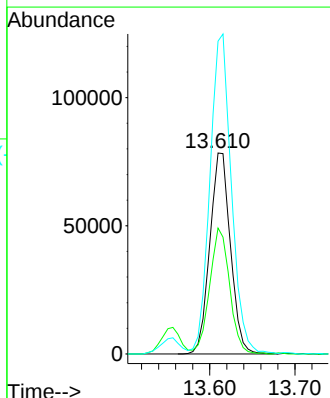
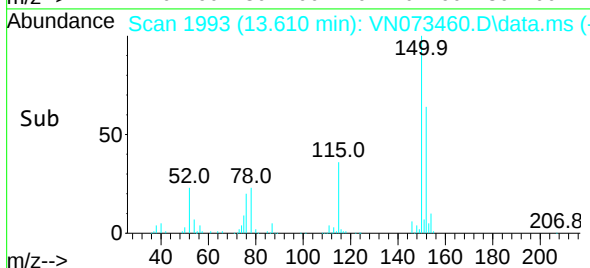
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

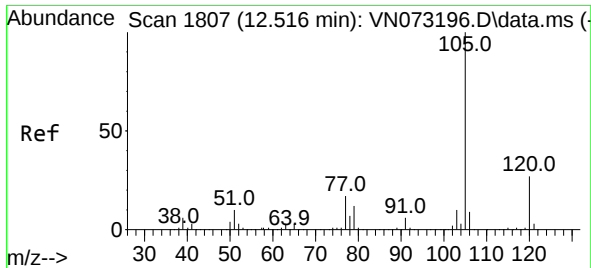


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51



Tgt Ion:152 Resp: 131932
Ion Ratio Lower Upper
152 100
115 60.7 28.9 86.7
150 164.9 0.0 356.2





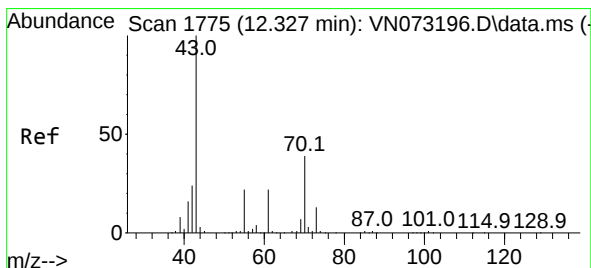
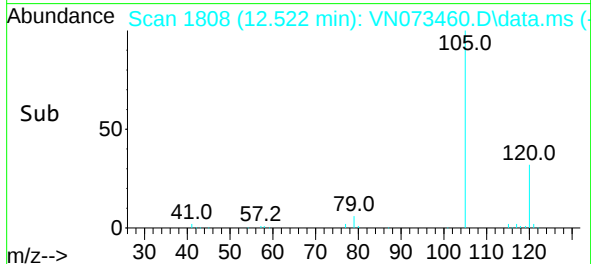
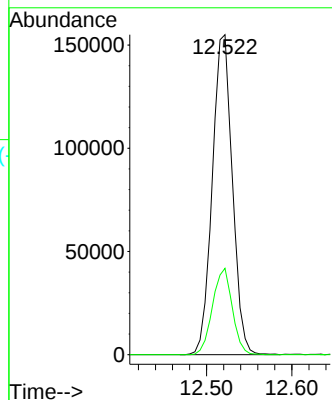
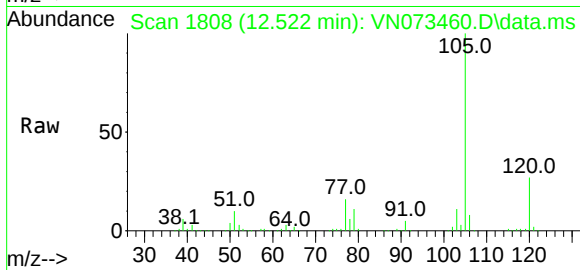
#73
Isopropylbenzene
Concen: 22.269 ug/l
RT: 12.522 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01

Tgt Ion:105 Resp: 25370
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4

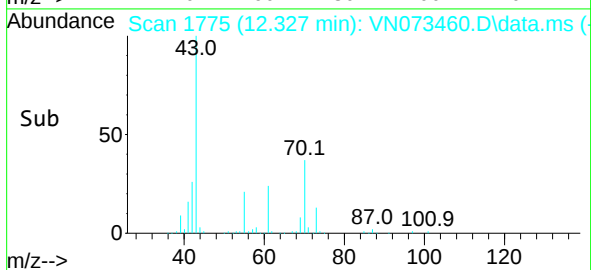
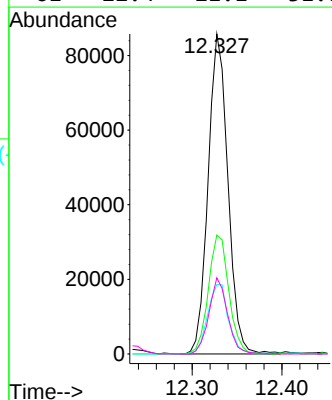
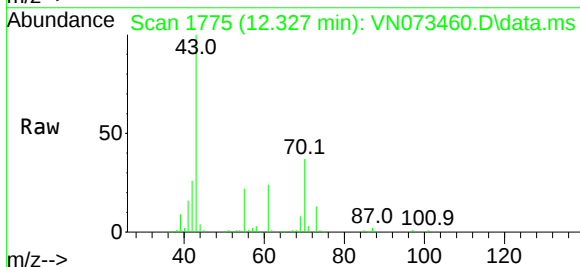
Manual Integrations
APPROVED

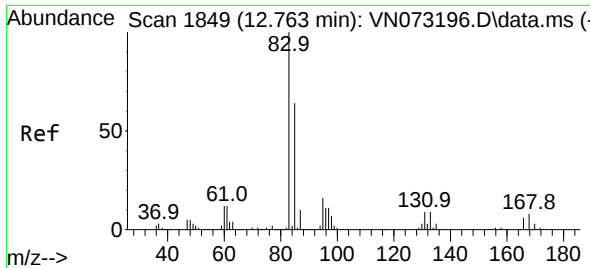
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#74
N-ethyl acetate
Concen: 23.056 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

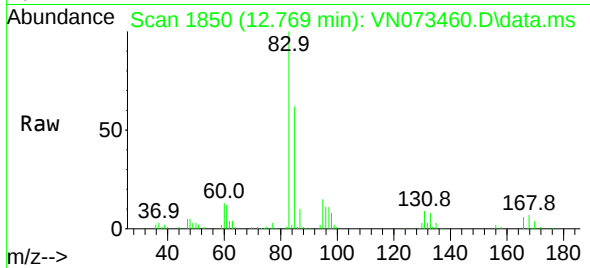
Tgt Ion: 43 Resp: 131527
Ion Ratio Lower Upper
43 100
70 38.5 39.0 58.4#
55 22.8 21.1 31.7
61 22.4 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 25.949 ug/l
RT: 12.769 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

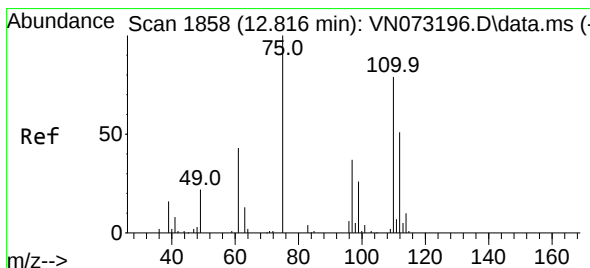
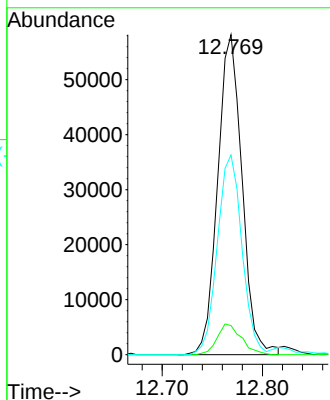
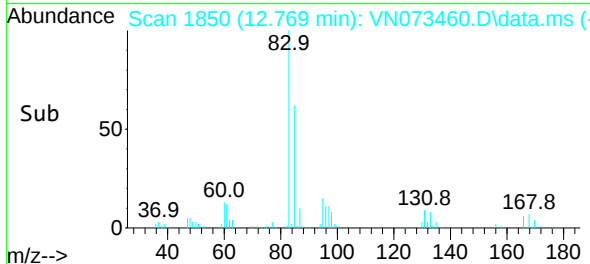
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion: 83 Resp: 98104
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.9
85 63.0 32.3 96.9

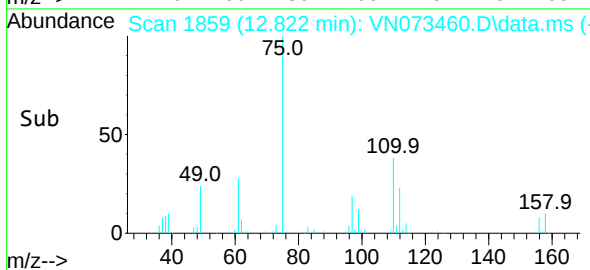
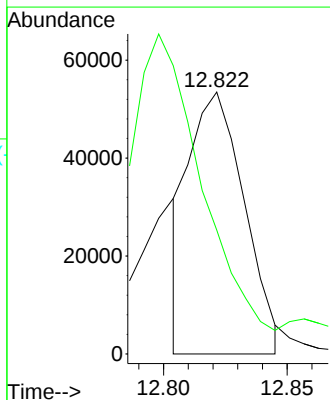
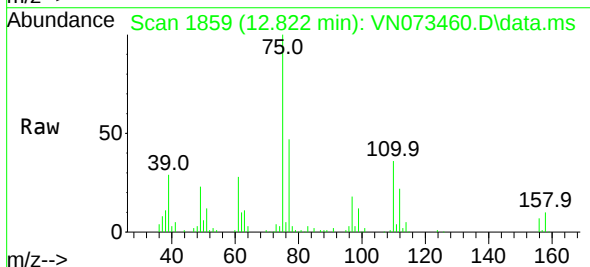
Manual Integrations
APPROVED

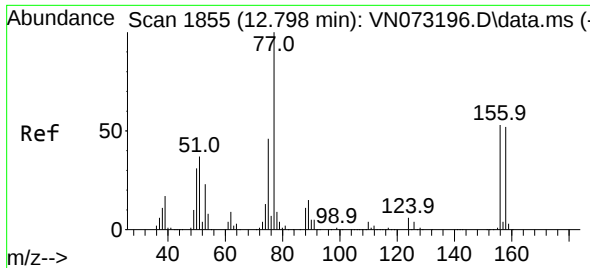
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#76
1,2,3-Trichloropropane
Concen: 24.174 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

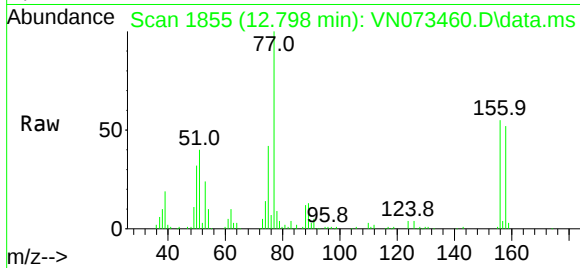
Tgt Ion: 75 Resp: 83393
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 22.216 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

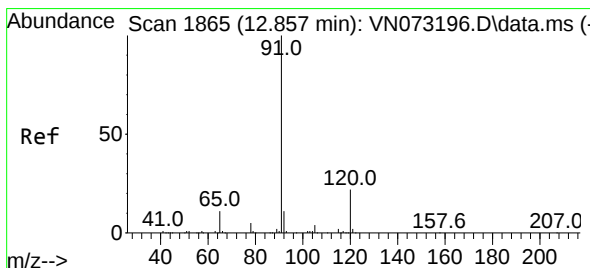
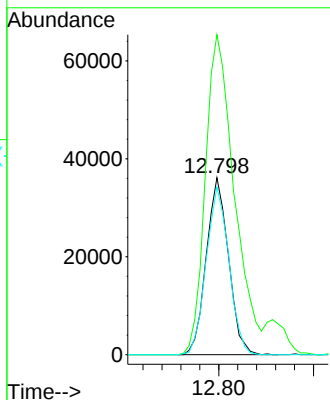
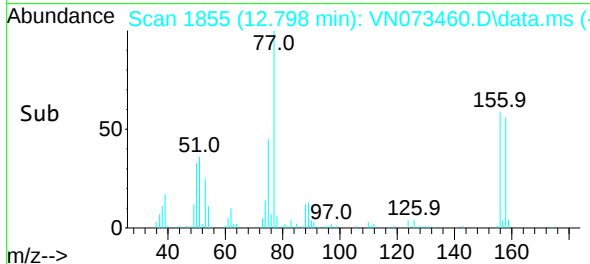
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



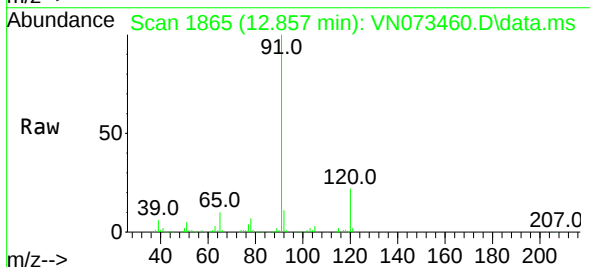
Tgt Ion:156 Resp: 58840
Ion Ratio Lower Upper
156 100
77 235.2 100.5 301.5
158 96.6 48.9 146.6

Manual Integrations
APPROVED

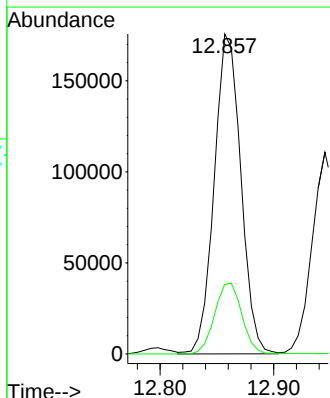
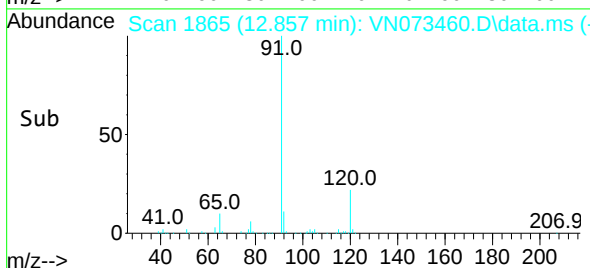
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

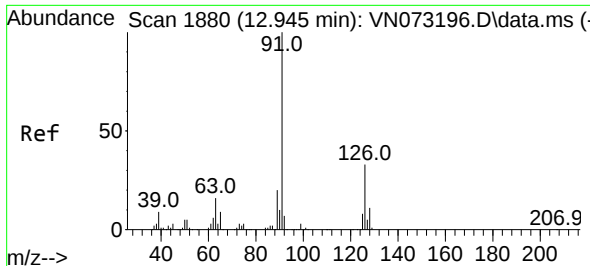


#78
n-propylbenzene
Concen: 22.592 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51



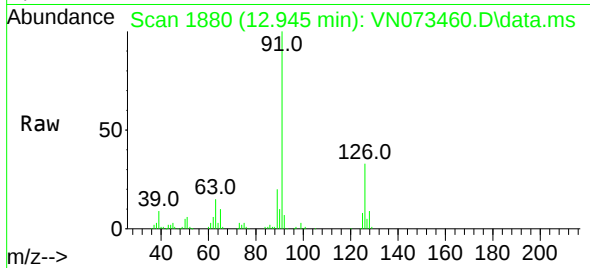
Tgt Ion: 91 Resp: 285931
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.5





#79
2-Chlorotoluene
Concen: 22.303 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

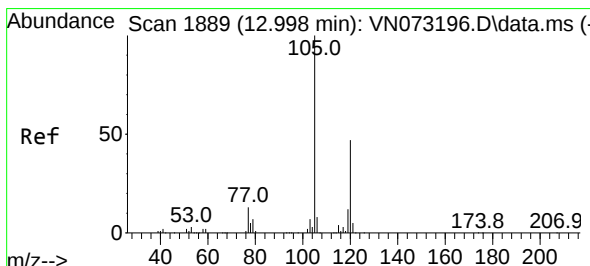
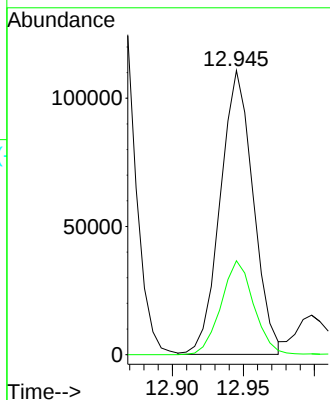
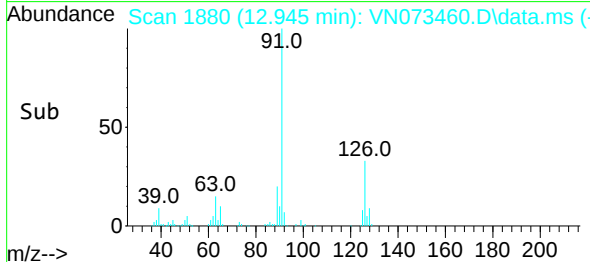
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



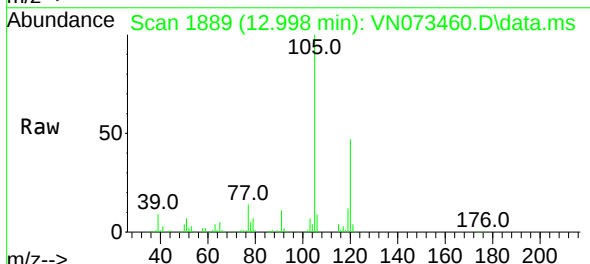
Tgt Ion: 91 Resp: 178660
Ion Ratio Lower Upper
91 100
126 33.0 17.3 51.9

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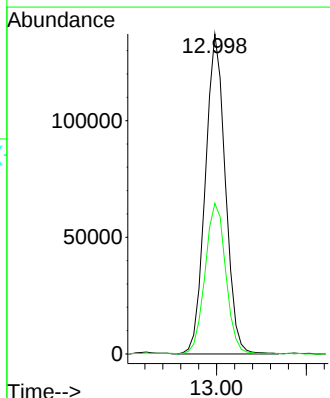
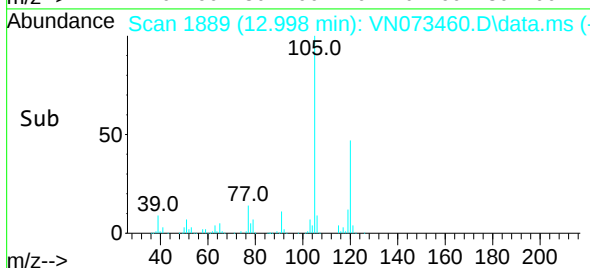
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

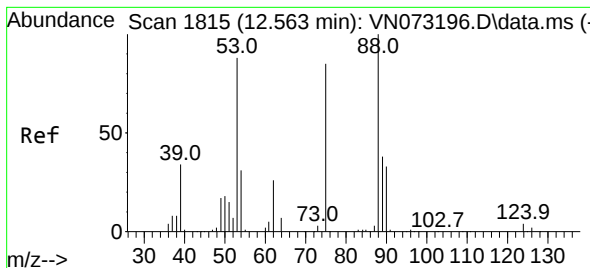


#80
1,3,5-Trimethylbenzene
Concen: 22.851 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51



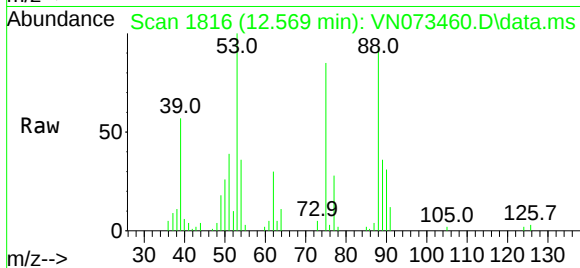
Tgt Ion:105 Resp: 212193
Ion Ratio Lower Upper
105 100
120 48.7 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 21.811 ug/l
RT: 12.569 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

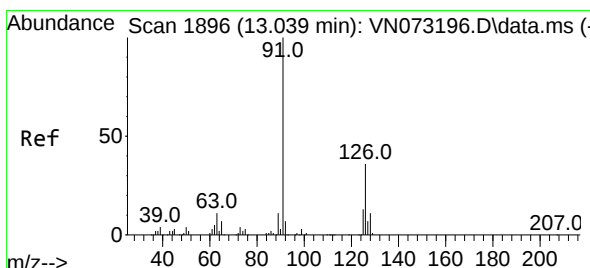
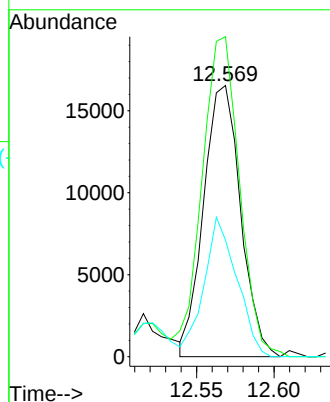
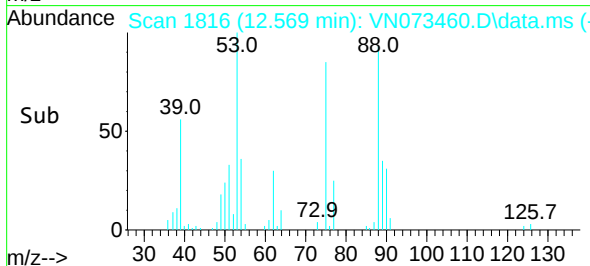
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



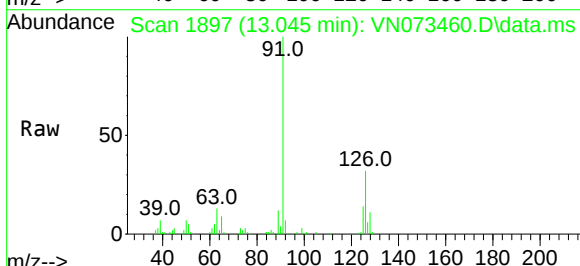
Tgt Ion: 75 Resp: 27430
Ion Ratio Lower Upper
75 100
53 119.9 78.0 117.0
89 45.7 37.2 55.8

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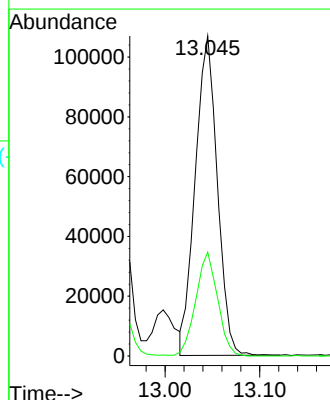
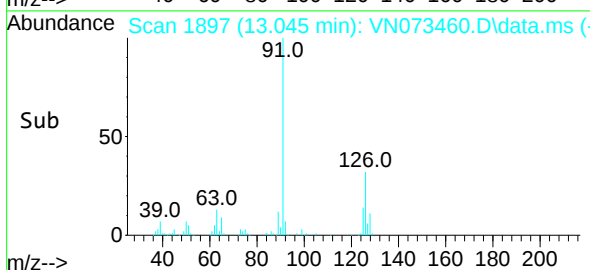
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

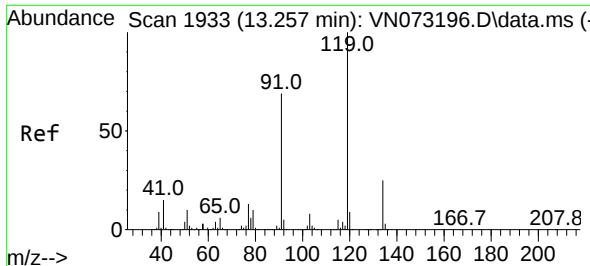


#82
4-Chlorotoluene
Concen: 22.295 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51



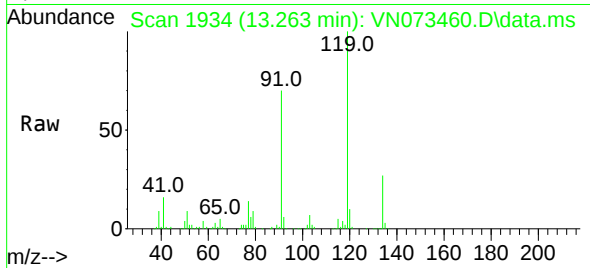
Tgt Ion: 91 Resp: 172898
Ion Ratio Lower Upper
91 100
126 32.2 17.2 51.6





#83
tert-Butylbenzene
Concen: 22.110 ug/l
RT: 13.263 min Scan# 1933
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

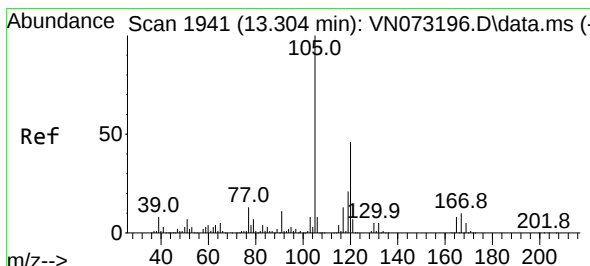
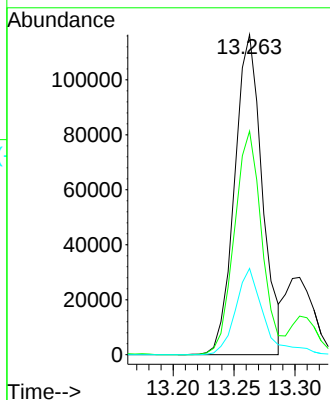
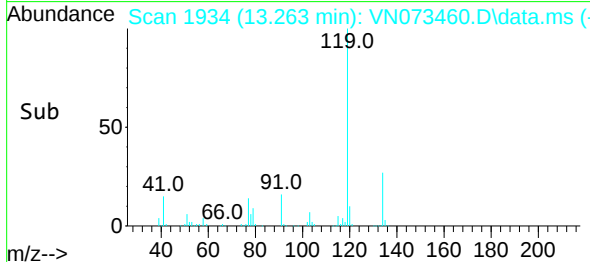
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



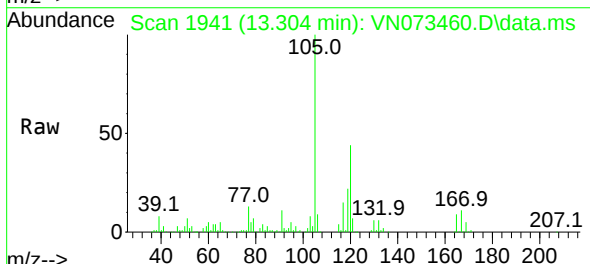
Tgt Ion:119 Resp: 184068
Ion Ratio Lower Upper
119 100
91 70.0 31.6 94.8
134 27.6 13.7 41.1

Manual Integrations
APPROVED

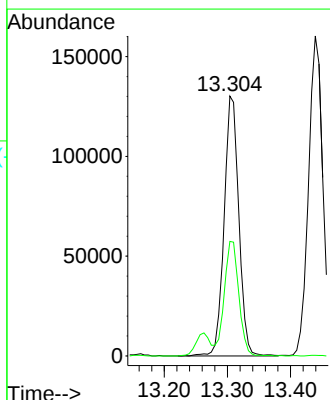
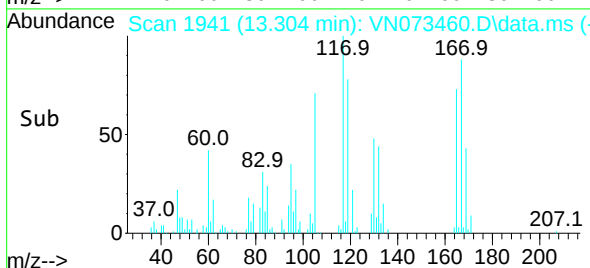
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

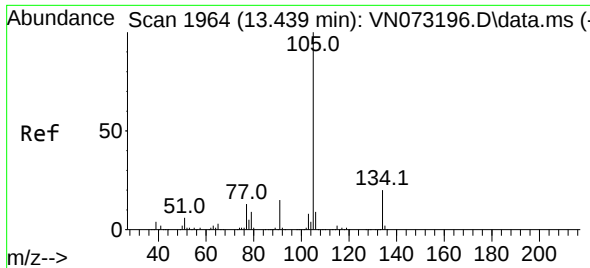


#84
1,2,4-Trimethylbenzene
Concen: 22.702 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51



Tgt Ion:105 Resp: 210472
Ion Ratio Lower Upper
105 100
120 43.4 23.3 69.8





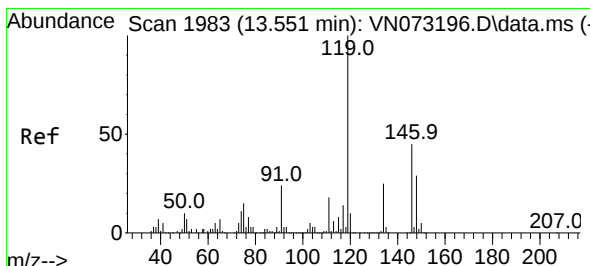
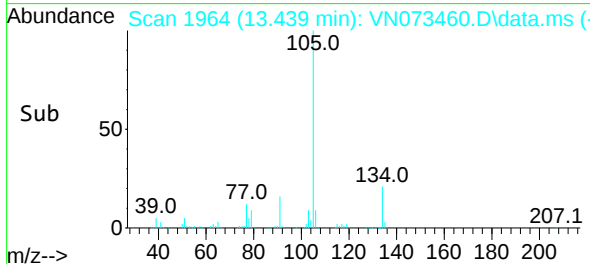
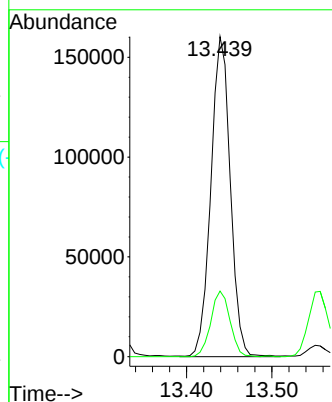
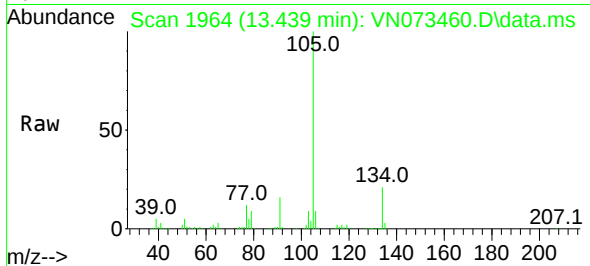
#85
 sec-Butylbenzene
 Concen: 22.679 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073460.D
 Acq: 14 Jul 2022 14:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBSD01

Tgt Ion:105 Resp: 253528
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1

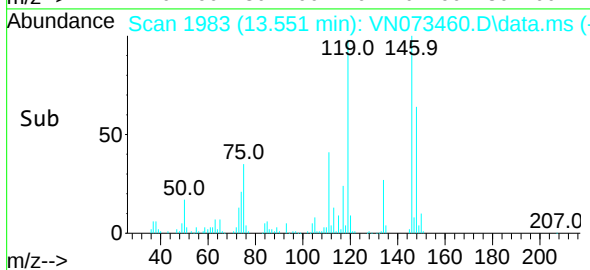
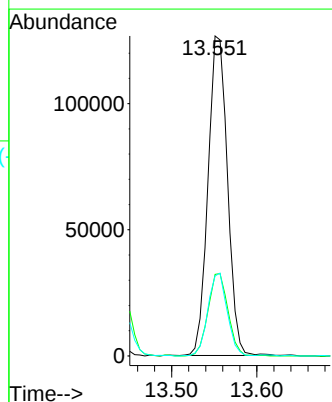
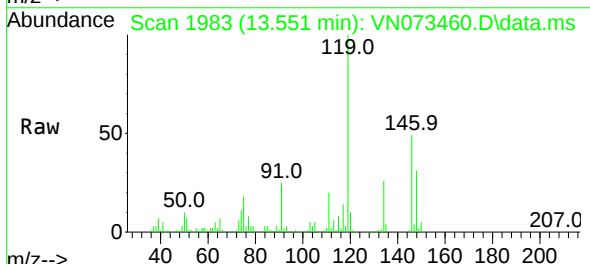
Manual Integrations
 APPROVED

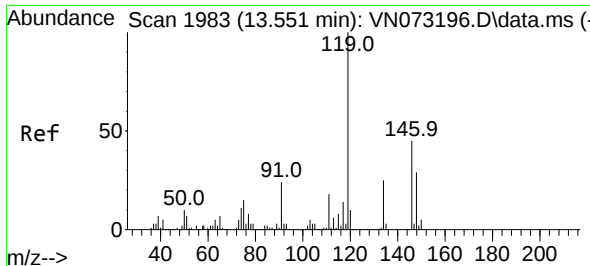
Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022



#86
 p-Isopropyltoluene
 Concen: 22.264 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN073460.D
 Acq: 14 Jul 2022 14:51

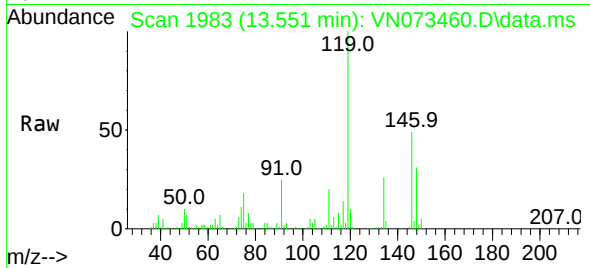
Tgt Ion:119 Resp: 201052
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 25.7 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 22.127 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

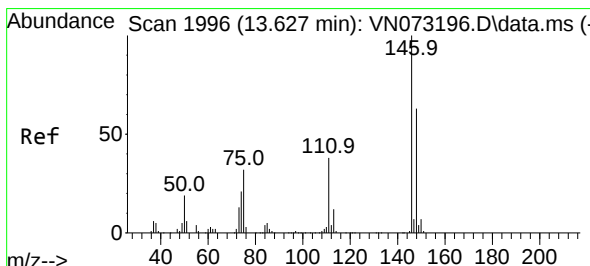
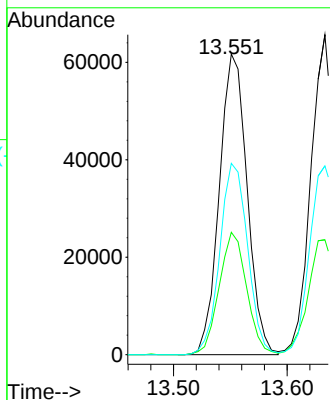
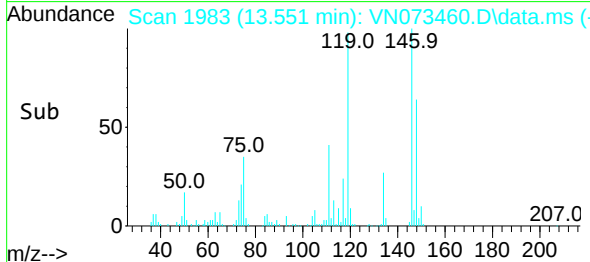
Instrument : MSVOA_N
ClientSampleId : VN0714WBSD01



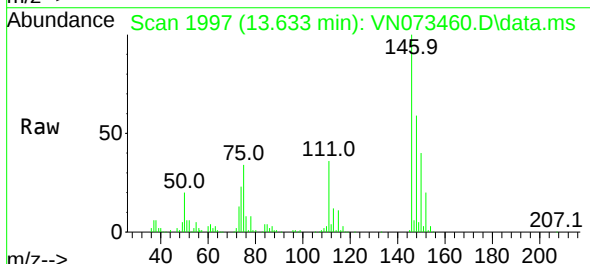
Tgt Ion:146 Resp: 105140
Ion Ratio Lower Upper
146 100
111 40.3 20.0 60.0
148 63.7 32.0 96.0

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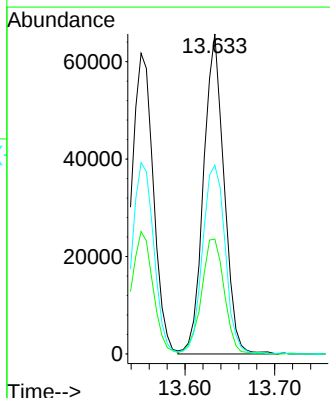
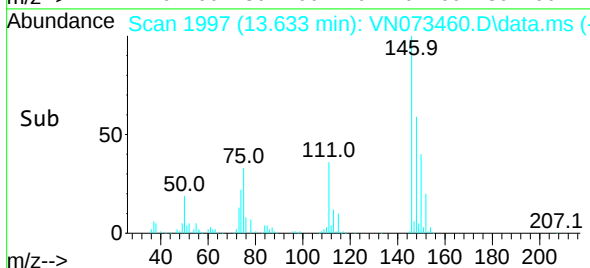
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

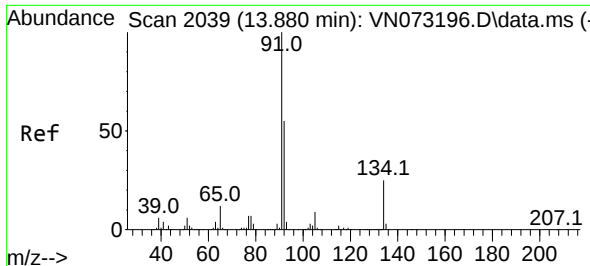


#88
1,4-Dichlorobenzene
Concen: 21.896 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51



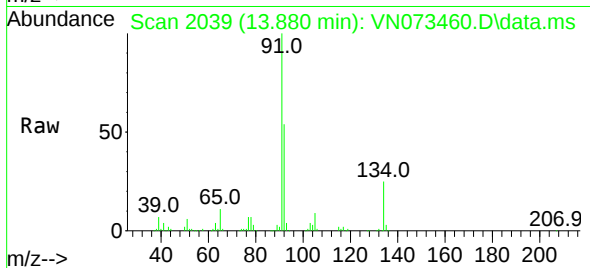
Tgt Ion:146 Resp: 104251
Ion Ratio Lower Upper
146 100
111 39.9 19.1 57.1
148 65.1 31.4 94.3





#89
n-Butylbenzene
Concen: 21.873 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

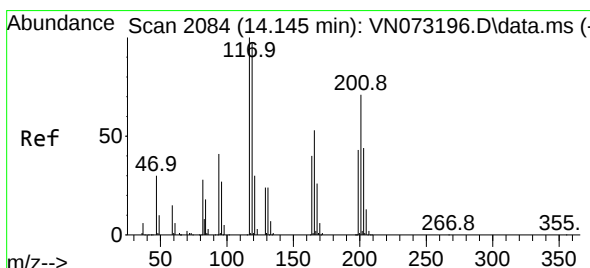
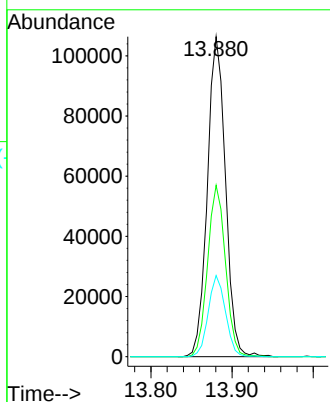
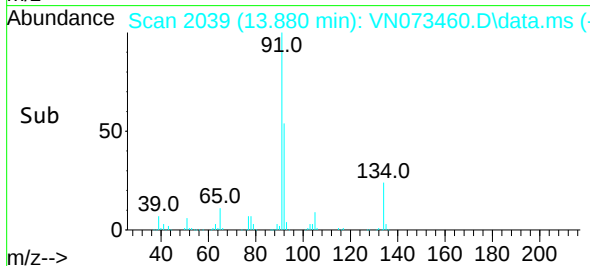
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion: 91 Resp: 164598
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.7
134 24.2 13.6 40.8

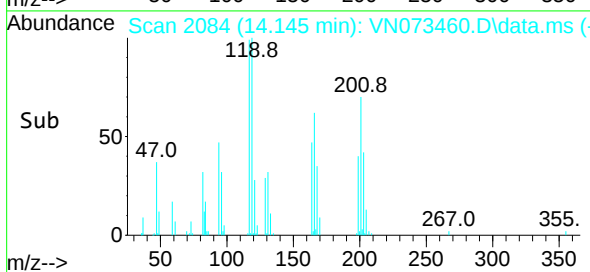
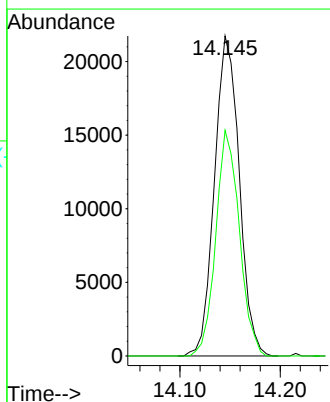
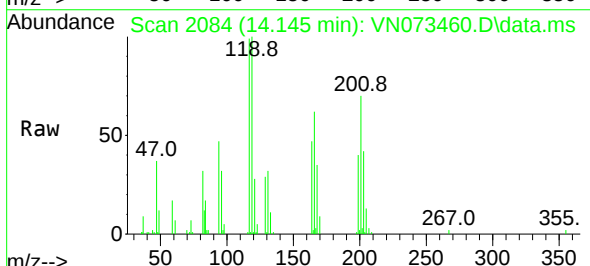
Manual Integrations
APPROVED

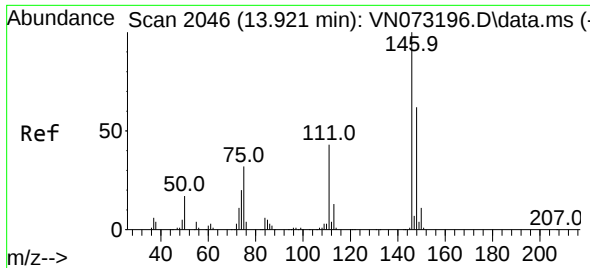
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#90
Hexachloroethane
Concen: 22.163 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. -0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

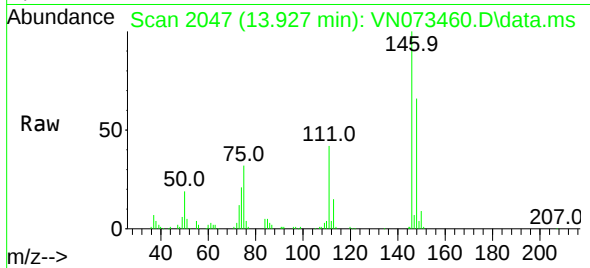
Tgt Ion:117 Resp: 37299
Ion Ratio Lower Upper
117 100
201 67.1 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 22.994 ug/l
RT: 13.927 min Scan# 2046
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

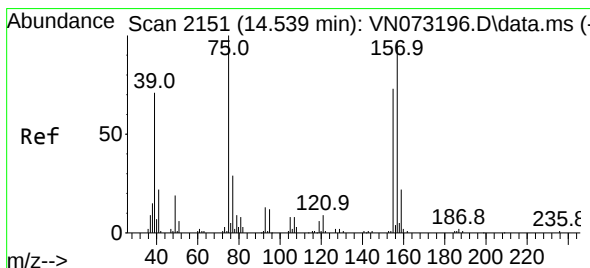
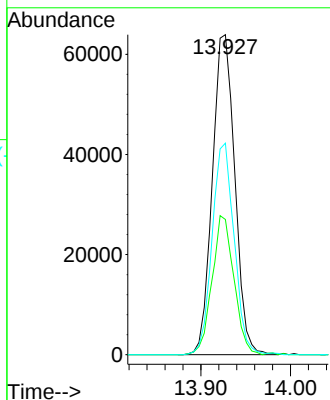
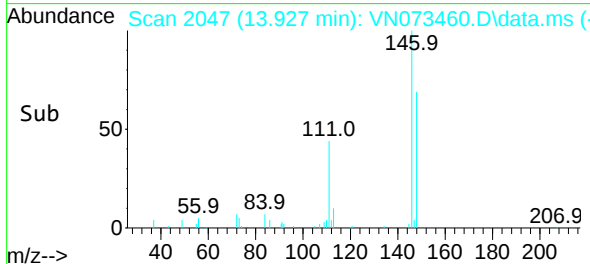
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



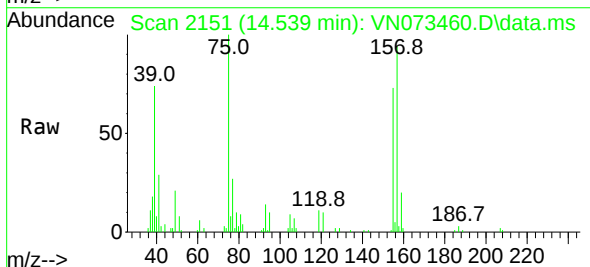
Tgt Ion:146 Resp: 111309
Ion Ratio Lower Upper
146 100
111 42.3 20.9 62.8
148 64.9 32.1 96.3

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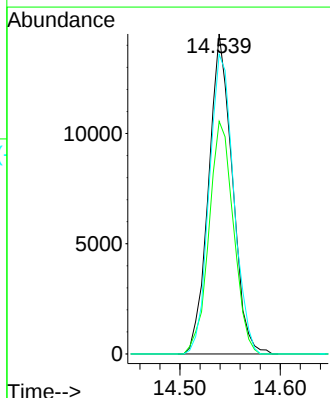
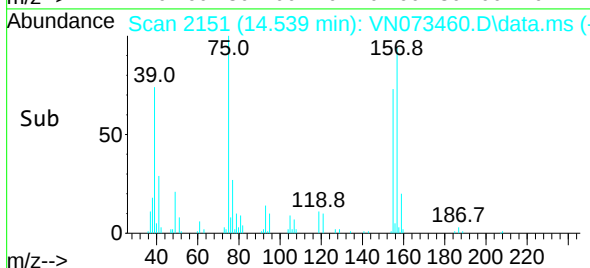
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

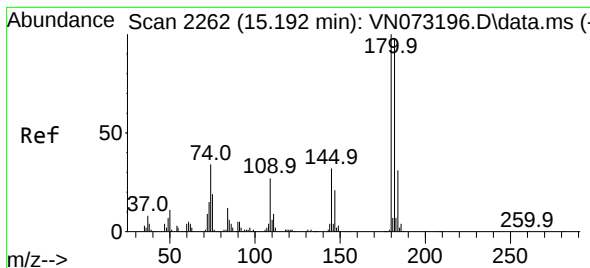


#92
1,2-Dibromo-3-Chloropropane
Concen: 25.977 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51



Tgt Ion: 75 Resp: 23870
Ion Ratio Lower Upper
75 100
155 74.8 44.9 134.5
157 96.3 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 20.872 ug/l

RT: 15.192 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN073460.D

Acq: 14 Jul 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD01

Tgt Ion:180 Resp: 52609

Ion Ratio Lower Upper

180 100

182 94.1 47.5 142.5

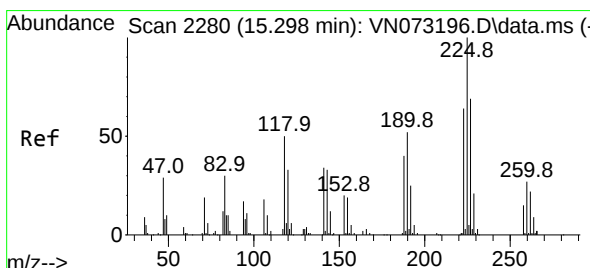
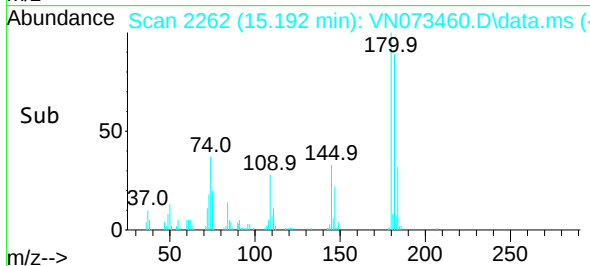
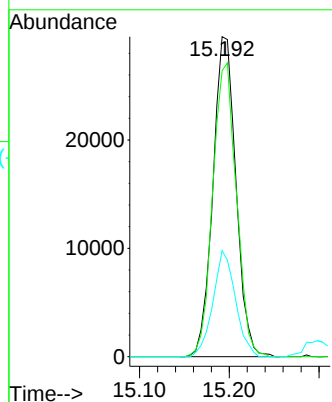
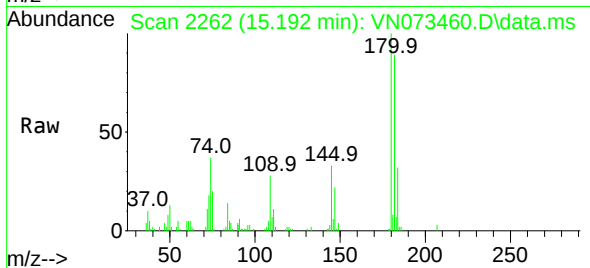
145 32.4 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#94

Hexachlorobutadiene

Concen: 22.087 ug/l

RT: 15.298 min Scan# 2280

Delta R.T. -0.000 min

Lab File: VN073460.D

Acq: 14 Jul 2022 14:51

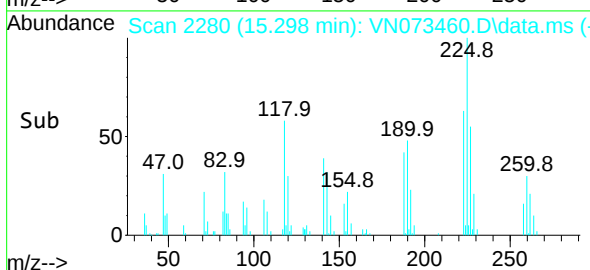
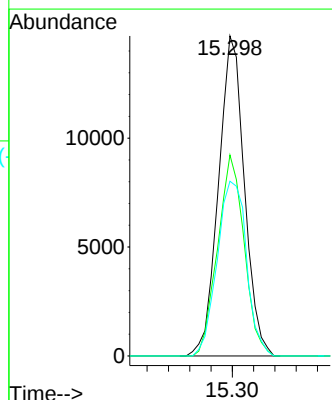
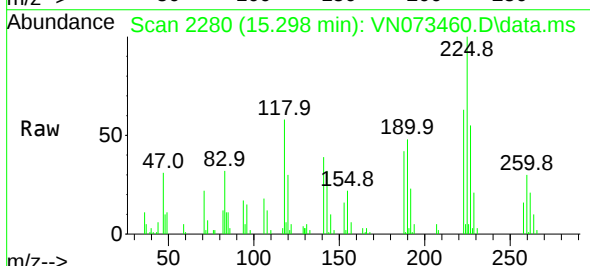
Tgt Ion:225 Resp: 24748

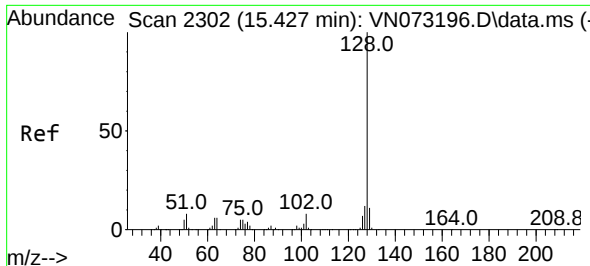
Ion Ratio Lower Upper

225 100

223 64.3 32.4 97.2

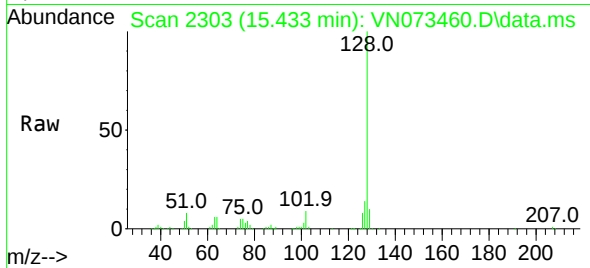
227 61.8 31.8 95.4





#95
Naphthalene
Concen: 21.879 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

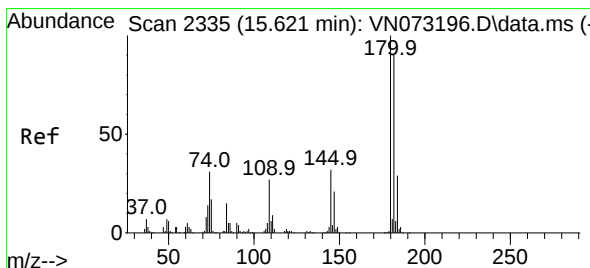
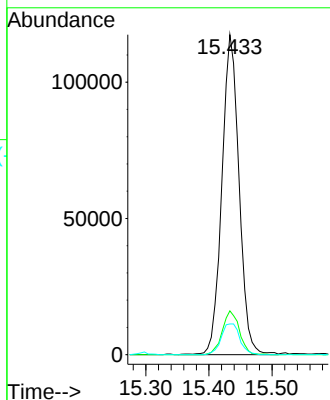
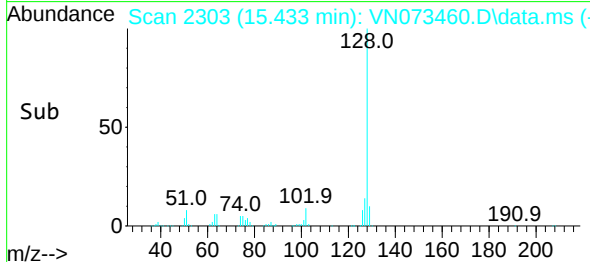
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01



Tgt Ion:128 Resp: 222474
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 10.4 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 22.506 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.006 min
Lab File: VN073460.D
Acq: 14 Jul 2022 14:51

Tgt Ion:180 Resp: 58516
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.3
145 32.7 15.5 46.5

