

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073039.D
 Acq On : 23 Jun 2022 11:15
 Operator : JC\MD
 Sample : VN0623WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/24/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 24 01:16:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	257626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	432804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	380864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	171502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	187770	53.910	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.820%			
35) Dibromofluoromethane	7.945	113	147731	55.224	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.440%			
50) Toluene-d8	10.375	98	554013	55.656	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.320%			
62) 4-Bromofluorobenzene	12.668	95	196528	54.906	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	49383	20.132	ug/l	95
3) Chloromethane	2.269	50	49582	19.159	ug/l	100
4) Vinyl Chloride	2.410	62	44532	20.244	ug/l	98
5) Bromomethane	2.804	94	19368	22.366	ug/l	87
6) Chloroethane	2.969	64	28560	20.752	ug/l	93
7) Trichlorofluoromethane	3.322	101	83926	23.428	ug/l	96
8) Diethyl Ether	3.763	74	35264	19.074	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.146	101	51690	20.875	ug/l	98
10) Methyl Iodide	4.351	142	30917	10.893	ug/l	96
11) Tert butyl alcohol	5.292	59	75081	83.450	ug/l	99
12) 1,1-Dichloroethene	4.116	96	46570	18.880	ug/l	91
13) Acrolein	3.981	56	26720	75.407	ug/l	98
14) Allyl chloride	4.763	41	102527	19.455	ug/l #	95
15) Acrylonitrile	5.469	53	201239	97.028	ug/l	99
16) Acetone	4.216	43	177110	92.505	ug/l	97
17) Carbon Disulfide	4.457	76	99503	15.745	ug/l	98
18) Methyl Acetate	4.775	43	97602	19.143	ug/l	90
19) Methyl tert-butyl Ether	5.528	73	189756	20.484	ug/l	99
20) Methylene Chloride	5.010	84	59174	19.780	ug/l	95
21) trans-1,2-Dichloroethene	5.510	96	50437	18.798	ug/l	98
22) Diisopropyl ether	6.410	45	212217	21.602	ug/l	94
23) Vinyl Acetate	6.351	43	946672	104.388	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	105535	20.490	ug/l	100
25) 2-Butanone	7.257	43	291984	96.105	ug/l #	89
26) 2,2-Dichloropropane	7.239	77	90309	20.785	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	64414	20.095	ug/l	96
28) Bromochloromethane	7.581	49	42834	20.109	ug/l	85
29) Tetrahydrofuran	7.610	42	193071	96.233	ug/l	87
30) Chloroform	7.739	83	109175	20.938	ug/l	98
31) Cyclohexane	8.022	56	90598	19.229	ug/l	93
32) 1,1,1-Trichloroethane	7.939	97	93082	20.343	ug/l	99
36) 1,1-Dichloropropene	8.151	75	73211	20.225	ug/l	98
37) Ethyl Acetate	7.334	43	114710	19.812	ug/l	97
38) Carbon Tetrachloride	8.133	117	77600	20.381	ug/l	94
39) Methylcyclohexane	9.392	83	87329	20.016	ug/l	93
40) Benzene	8.386	78	236525	20.792	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	52734	19.207	ug/l	92
42) 1,2-Dichloroethane	8.457	62	88715	21.956	ug/l	98
43) Isopropyl Acetate	8.492	43	173289	20.938	ug/l #	94
44) Trichloroethene	9.145	130	58211	20.192	ug/l	89
45) 1,2-Dichloropropane	9.422	63	62773	21.588	ug/l	93
46) Dibromomethane	9.510	93	41835	21.277	ug/l	93
47) Bromodichloromethane	9.692	83	84862	21.718	ug/l	97
48) Methyl methacrylate	9.492	41	80287	21.247	ug/l	89
49) 1,4-Dioxane	9.504	88	32046	376.915	ug/l #	94
51) 4-Methyl-2-Pentanone	10.263	43	565661	104.810	ug/l	90
52) Toluene	10.439	92	147242	21.082	ug/l	98
53) t-1,3-Dichloropropene	10.651	75	88614	21.087	ug/l	96
54) cis-1,3-Dichloropropene	10.122	75	97881	21.324	ug/l #	88
55) 1,1,2-Trichloroethane	10.833	97	62731	20.456	ug/l	99
56) Ethyl methacrylate	10.698	69	102575	20.868	ug/l #	84
57) 1,3-Dichloropropane	10.980	76	106866	21.005	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.975	63	226938	104.576	ug/l	96
59) 2-Hexanone	11.022	43	421669	101.016	ug/l	89
60) Dibromochloromethane	11.174	129	62240	21.475	ug/l	100
61) 1,2-Dibromoethane	11.280	107	63505	21.006	ug/l	100
64) Tetrachloroethene	10.910	164	48065	20.745	ug/l	95
65) Chlorobenzene	11.704	112	152155	20.456	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.774	131	60188	21.260	ug/l	96
67) Ethyl Benzene	11.780	91	283768	21.672	ug/l	97
68) m/p-Xylenes	11.886	106	217056	42.265	ug/l	100
69) o-Xylene	12.216	106	106463	20.746	ug/l	97
70) Styrene	12.227	104	172284	20.906	ug/l	100
71) Bromoform	12.392	173	44800	20.988	ug/l #	97
73) Isopropylbenzene	12.516	105	278593	20.998	ug/l	99
74) N-amyl acetate	12.327	43	135947	19.745	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.763	83	98491	20.612	ug/l	98
76) 1,2,3-Trichloropropane	12.816	75	88077m	21.182	ug/l	
77) Bromobenzene	12.792	156	65438	20.588	ug/l	91
78) n-propylbenzene	12.857	91	313392	21.474	ug/l	98
79) 2-Chlorotoluene	12.939	91	191256	20.238	ug/l	99
80) 1,3,5-Trimethylbenzene	12.992	105	229520	21.060	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	29971	19.466	ug/l	90
82) 4-Chlorotoluene	13.039	91	188663	21.100	ug/l	99
83) tert-Butylbenzene	13.257	119	210163	21.056	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	230346	21.220	ug/l	95
85) sec-Butylbenzene	13.433	105	279224	20.971	ug/l	99
86) p-Isopropyltoluene	13.551	119	228236	21.172	ug/l	98
87) 1,3-Dichlorobenzene	13.545	146	117651	20.733	ug/l	100
88) 1,4-Dichlorobenzene	13.627	146	114955	20.015	ug/l	96
89) n-Butylbenzene	13.874	91	181901	20.665	ug/l	97
90) Hexachloroethane	14.145	117	42890	21.104	ug/l	88
91) 1,2-Dichlorobenzene	13.921	146	124675	21.067	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	22151	18.330	ug/l	92
93) 1,2,4-Trichlorobenzene	15.192	180	60582	18.497	ug/l	99
94) Hexachlorobutadiene	15.292	225	26760	18.776	ug/l	95
95) Naphthalene	15.433	128	223378	16.860	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	61531	17.594	ug/l	98

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MSVOA_N
ClientSampleId :
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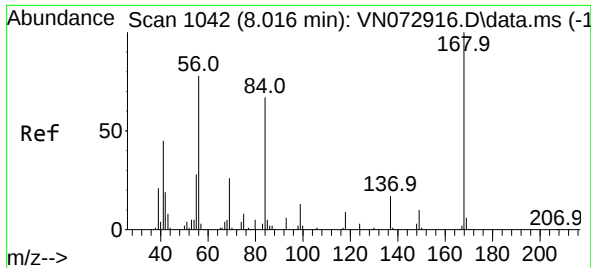
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Sat Jun 18 06:22:45 2022
Response via : Initial Calibration

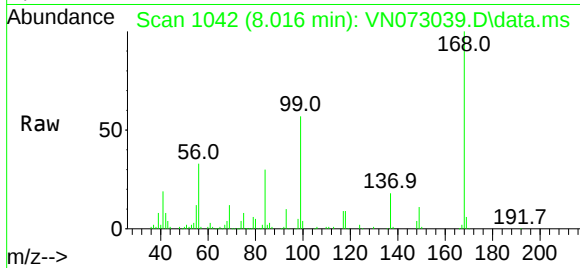
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073039.D
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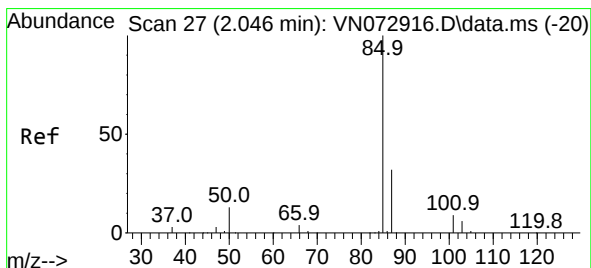
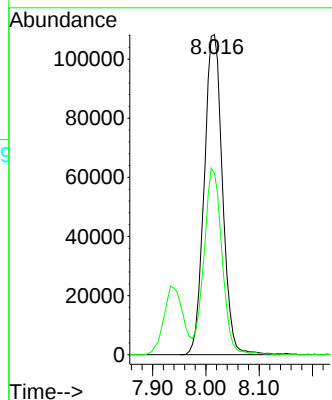
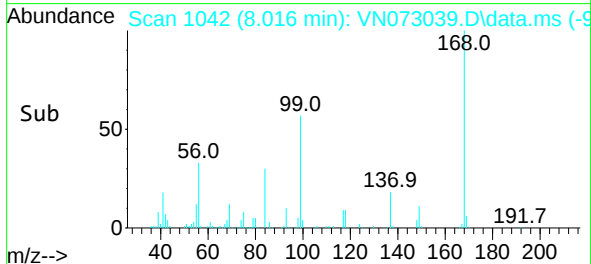
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



Tgt Ion:168 Resp: 257620
Ion Ratio Lower Upper
168 100
99 56.7 42.3 63.5

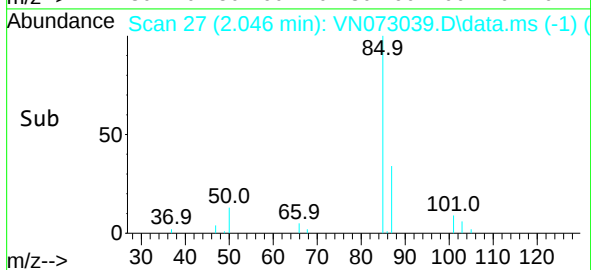
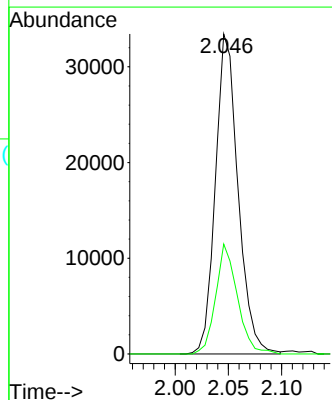
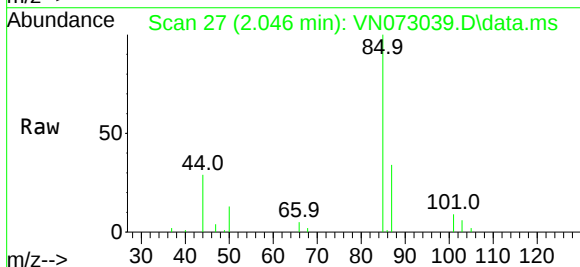
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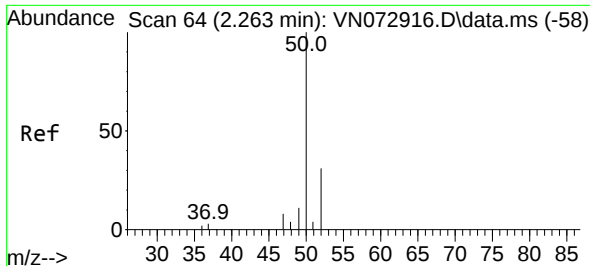
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#2
Dichlorodifluoromethane
Concen: 20.132 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

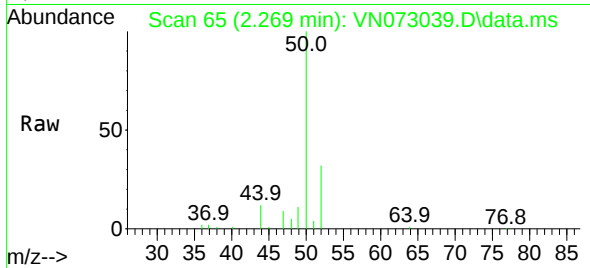
Tgt Ion: 85 Resp: 49383
Ion Ratio Lower Upper
85 100
87 34.3 15.7 47.1





#3
Chloromethane
Concen: 19.159 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

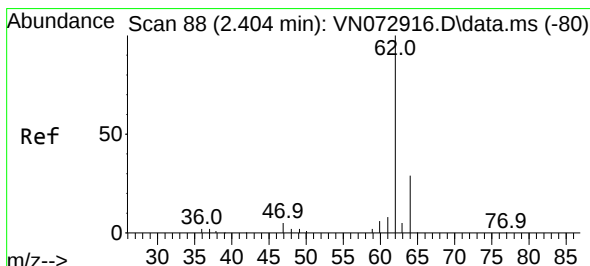
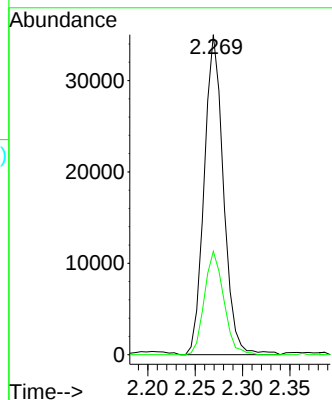
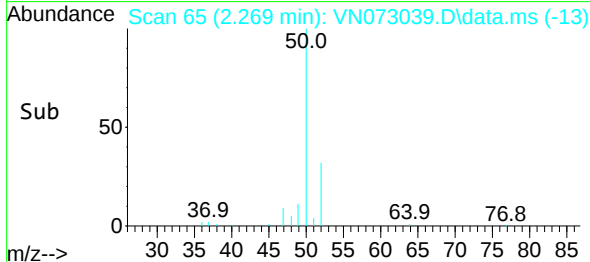
Instrument :
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Tgt Ion: 50 Resp: 4958
Ion Ratio Lower Upper
50 100
52 32.3 25.7 38.5

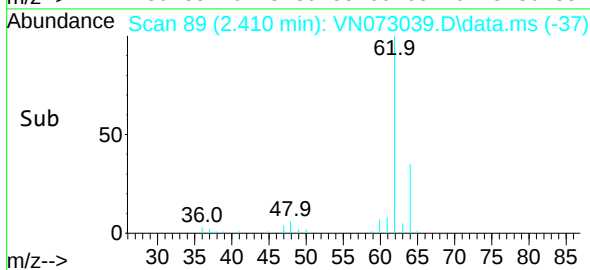
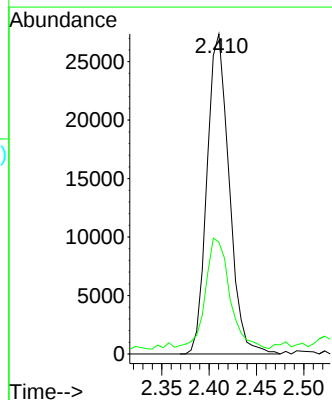
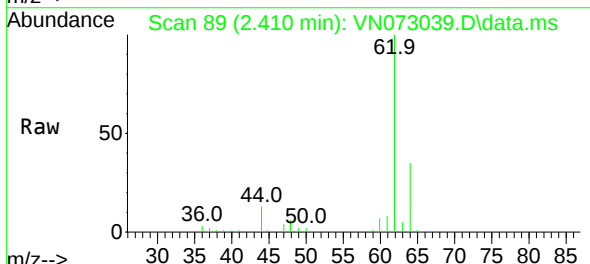
Manual Integrations
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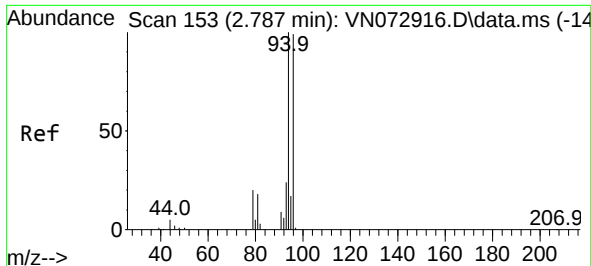
Reviewed By :John Carlone 06/24/2022
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#4
Vinyl Chloride
Concen: 20.244 ug/l
RT: 2.410 min Scan# 89
Delta R.T. 0.006 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

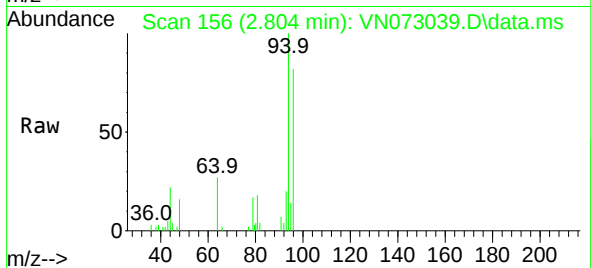
Tgt Ion: 62 Resp: 44532
Ion Ratio Lower Upper
62 100
64 32.4 25.0 37.4





#5
Bromomethane
Concen: 22.366 ug/l
RT: 2.804 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

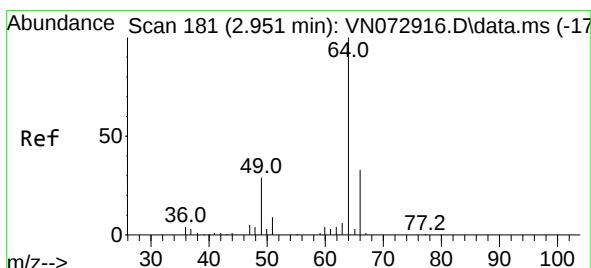
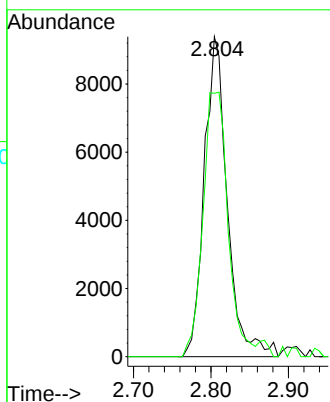
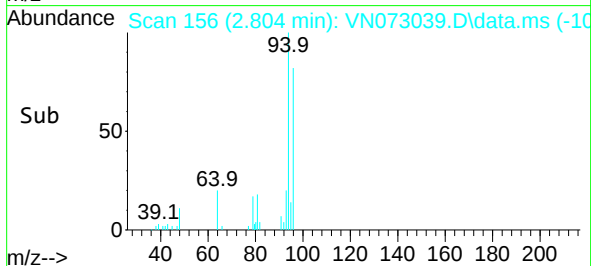
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 1936
Ion Ratio Lower Upper
94 100
96 82.3 76.0 114.0

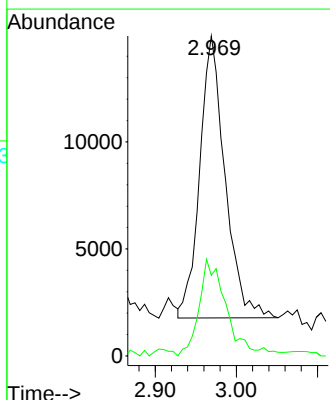
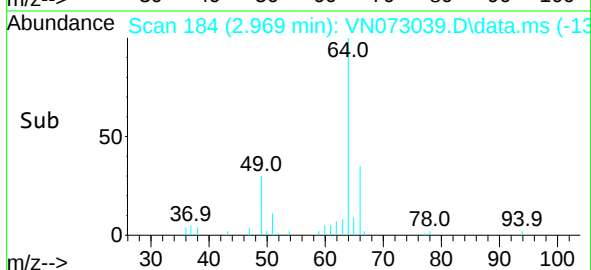
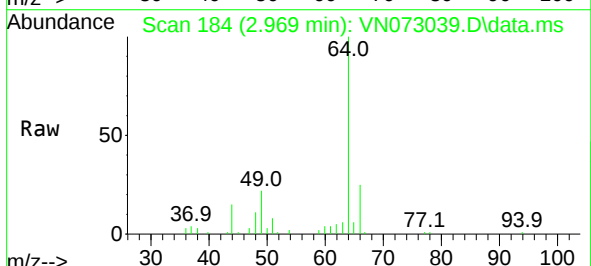
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#6
Chloroethane
Concen: 20.752 ug/l
RT: 2.969 min Scan# 184
Delta R.T. 0.018 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

Tgt Ion: 64 Resp: 28560
Ion Ratio Lower Upper
64 100
66 28.6 26.2 39.4





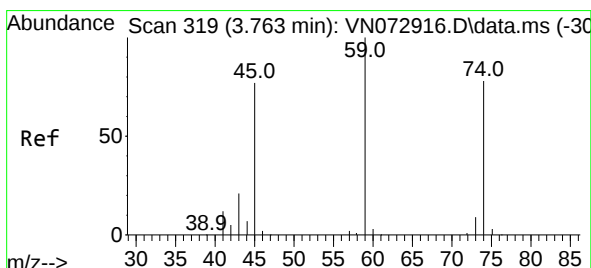
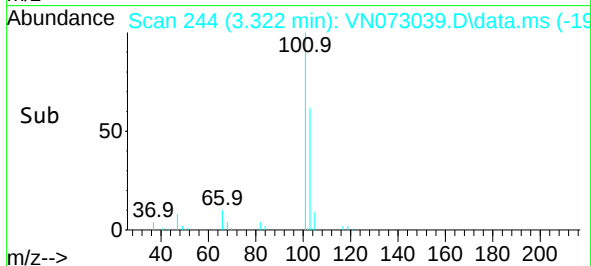
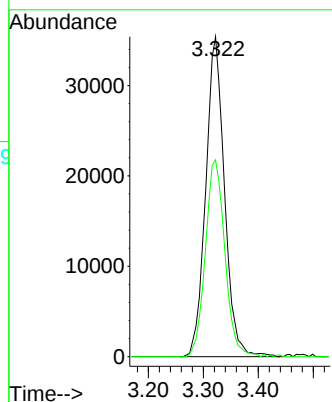
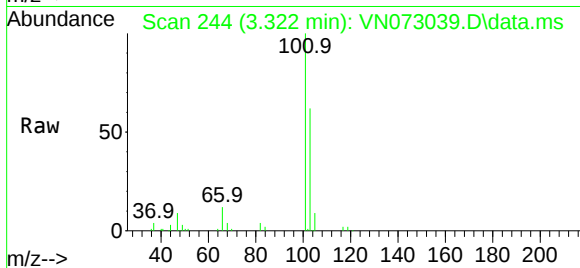
#7
Trichlorofluoromethane
Concen: 23.428 ug/l
RT: 3.322 min Scan# 241
Delta R.T. 0.018 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

Tgt Ion:101 Resp: 83920
Ion Ratio Lower Upper
101 100
103 61.5 51.5 77.3

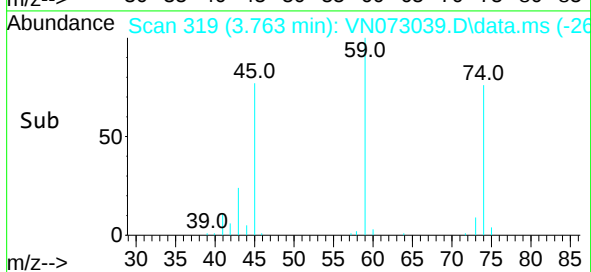
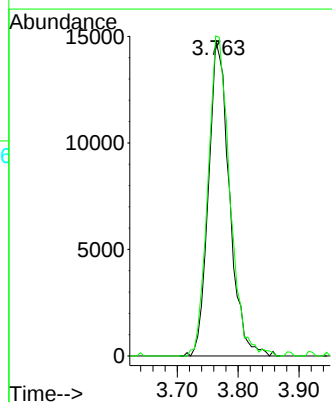
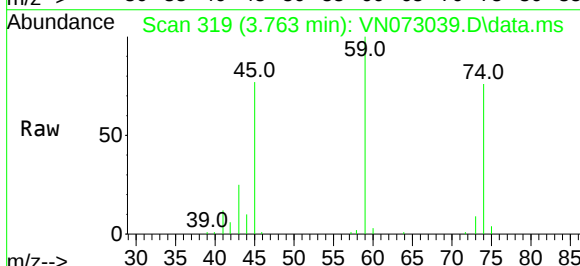
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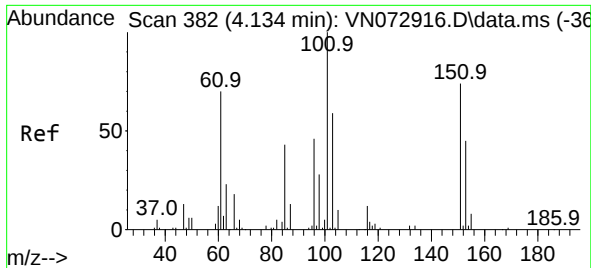
Reviewed By :John Carlone 06/24/2022
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#8
Diethyl Ether
Concen: 19.074 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

Tgt Ion: 74 Resp: 35264
Ion Ratio Lower Upper
74 100
45 107.3 42.9 128.5





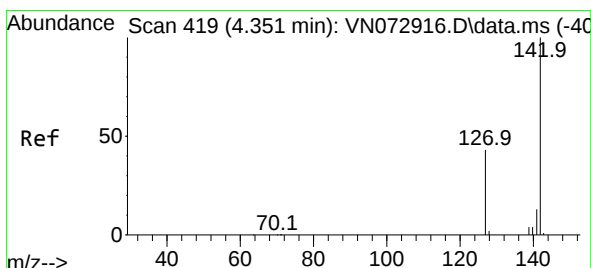
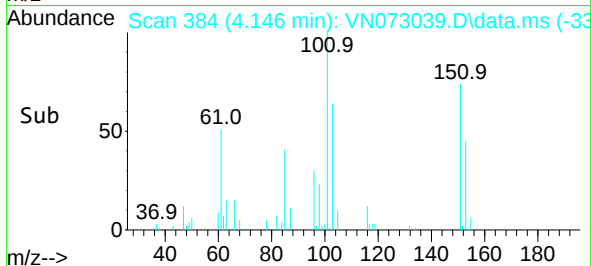
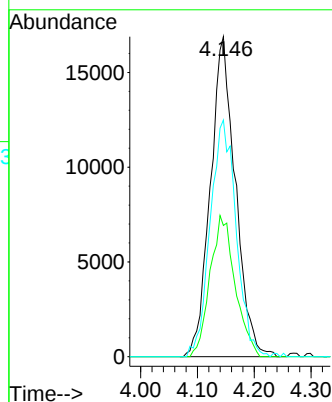
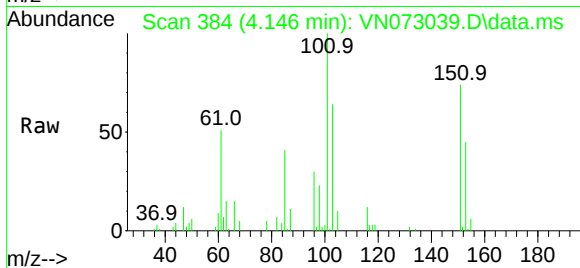
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1,1,2-Trichlorotrifluoroethane
Concen: 20.875 ug/l
RT: 4.146 min Scan# 382
Delta R.T. 0.012 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

Instrument :
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ClientSampleId :
VN0623WBS01

Tgt Ion:101 Resp: 51690
Ion Ratio Lower Upper
101 100
85 44.0 34.7 52.1
151 76.6 63.0 94.4

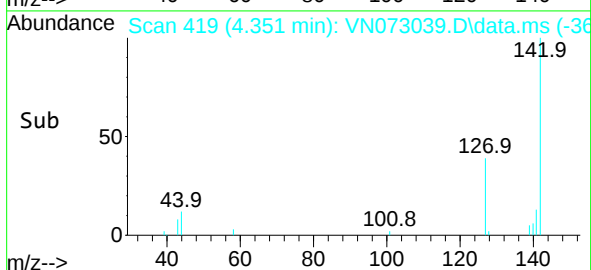
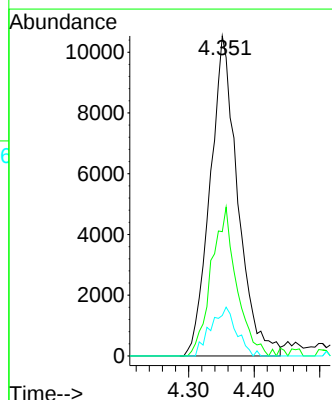
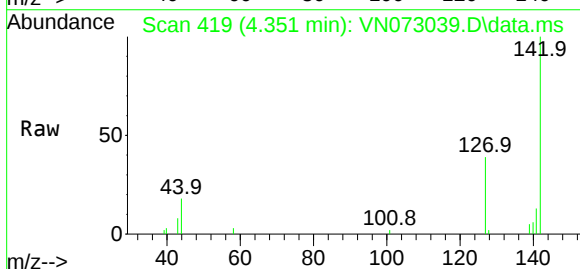
Manual Integrations
APPROVED

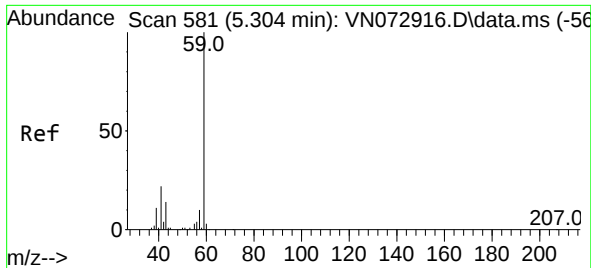
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#10
Methyl Iodide
Concen: 10.893 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

Tgt Ion:142 Resp: 30917
Ion Ratio Lower Upper
142 100
127 42.4 31.3 46.9
141 14.1 11.2 16.8





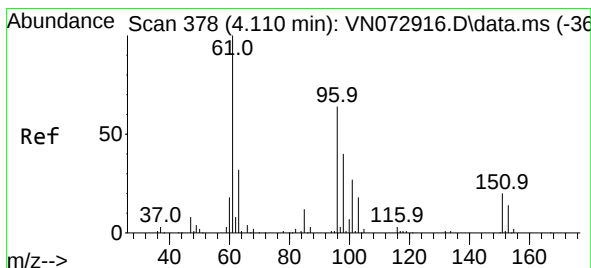
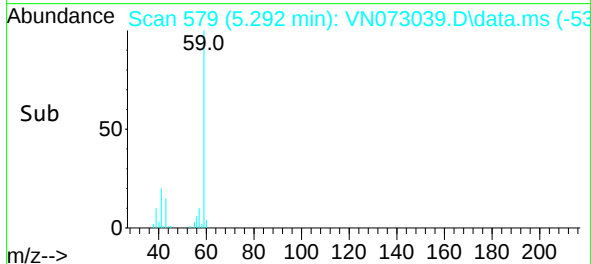
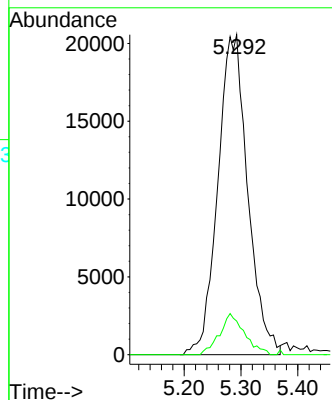
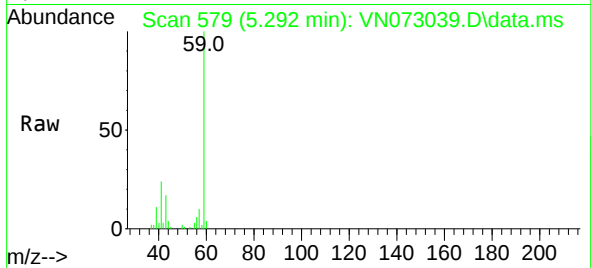
#11
Tert butyl alcohol
Concen: 83.450 ug/l
RT: 5.292 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

Tgt Ion: 59 Resp: 7508
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

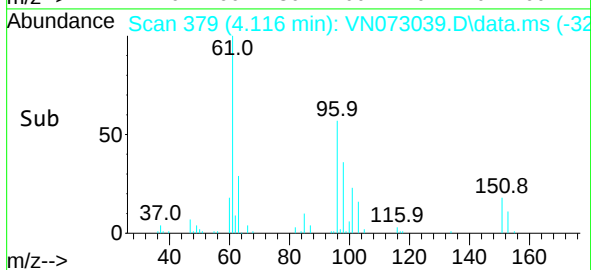
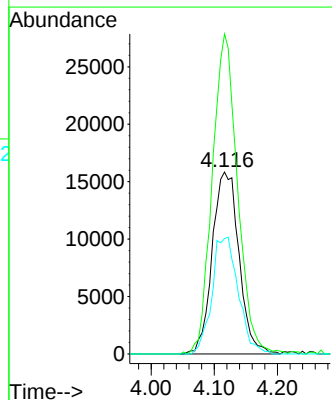
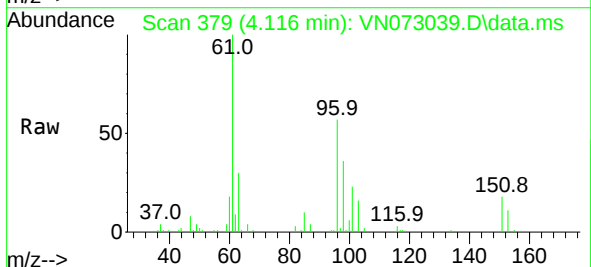
Manual Integrations
APPROVED

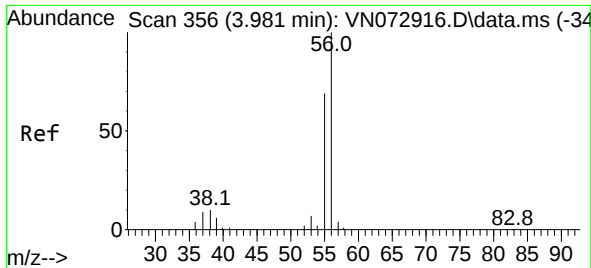
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#12
1,1-Dichloroethene
Concen: 18.880 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

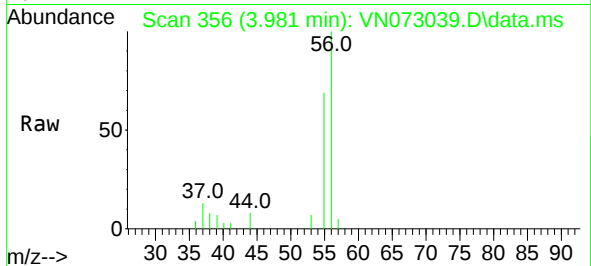
Tgt Ion: 96 Resp: 46570
Ion Ratio Lower Upper
96 100
61 175.9 127.6 191.4
98 63.4 51.2 76.8





#13
Acrolein
Concen: 75.407 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

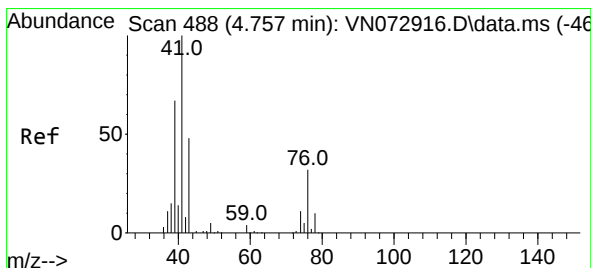
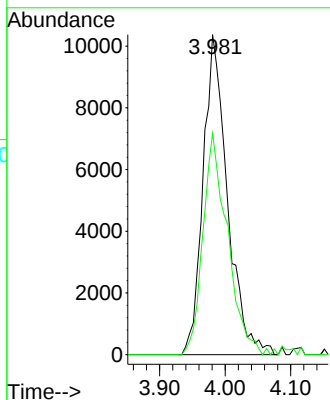
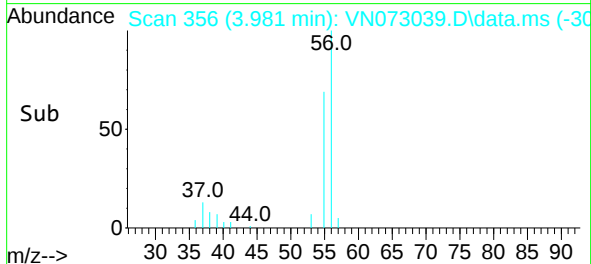
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



Tgt Ion: 56 Resp: 26720
Ion Ratio Lower Upper
56 100
55 69.8 54.8 82.2

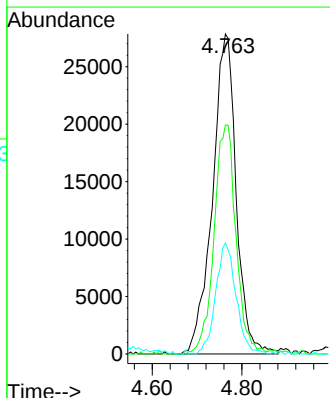
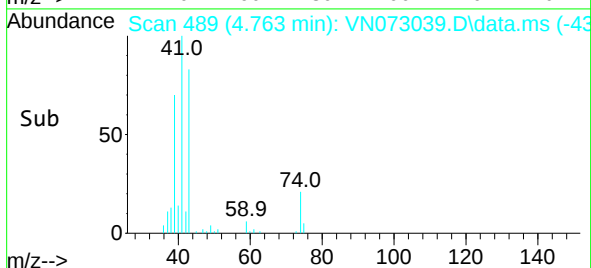
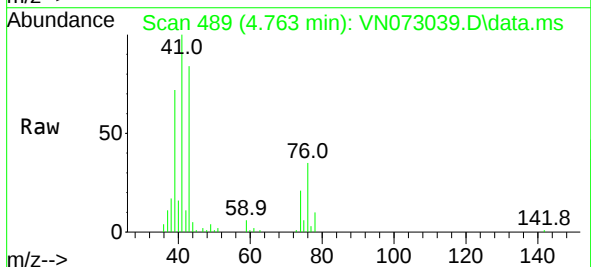
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#14
Allyl chloride
Concen: 19.455 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.006 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

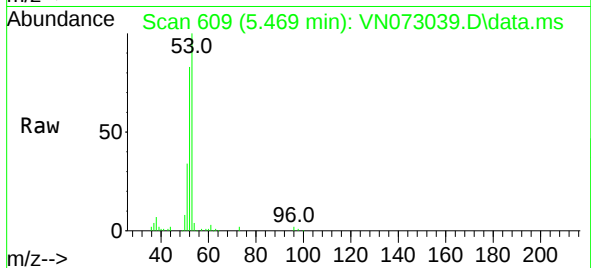
Tgt Ion: 41 Resp: 102527
Ion Ratio Lower Upper
41 100
39 66.0 53.2 79.8
76 29.7 29.9 44.9





#15
Acrylonitrile
Concen: 97.028 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

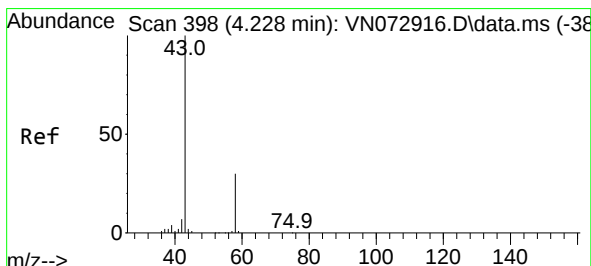
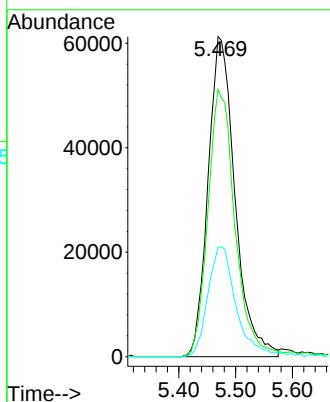
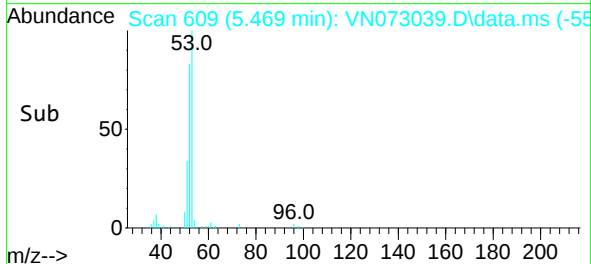
Instrument :
MSVOA_N
Client Sample Id :
VN0623WBS01



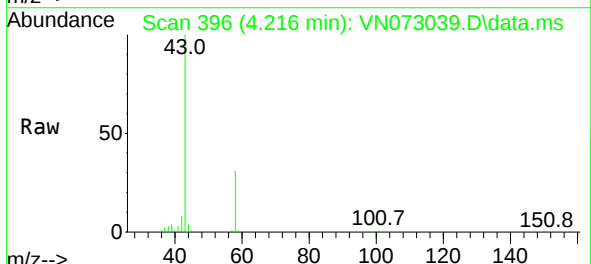
Tgt Ion: 53 Resp: 201239
Ion Ratio Lower Upper
53 100
52 84.1 66.4 99.6
51 36.4 28.5 42.7

Manual Integrations
APPROVED

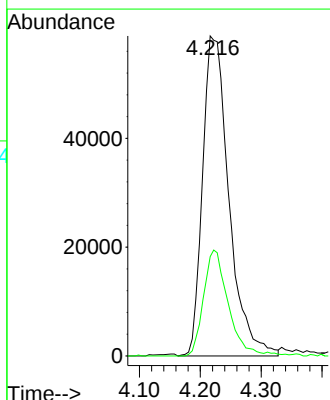
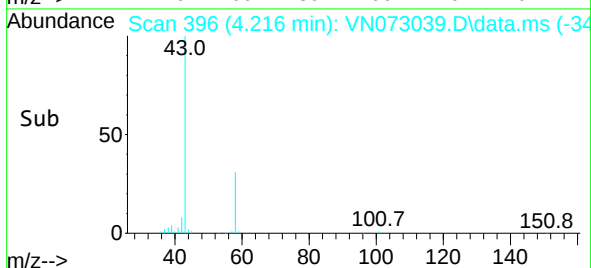
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

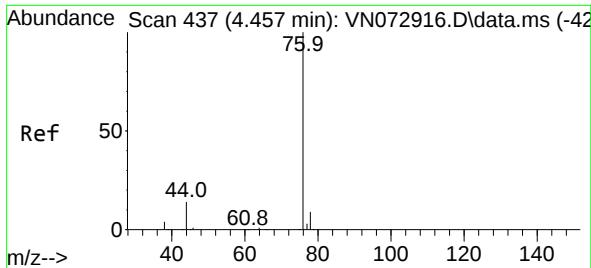


#16
Acetone
Concen: 92.505 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.012 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15



Tgt Ion: 43 Resp: 177110
Ion Ratio Lower Upper
43 100
58 31.1 26.0 39.0





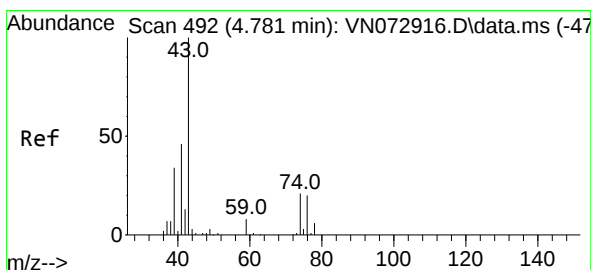
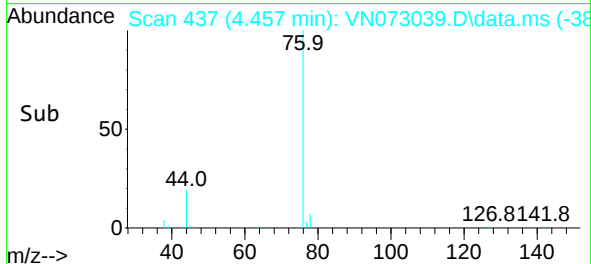
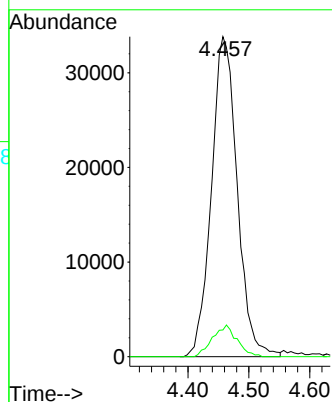
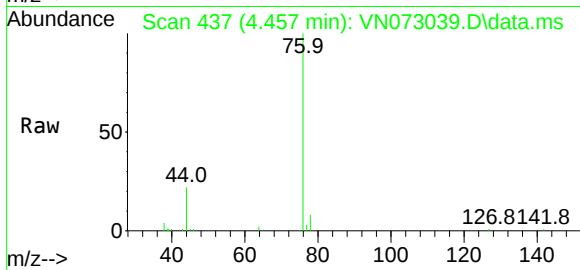
#17
Carbon Disulfide
Concen: 15.745 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

Tgt Ion: 76 Resp: 9950
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8

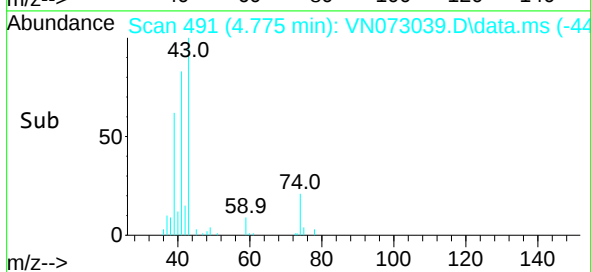
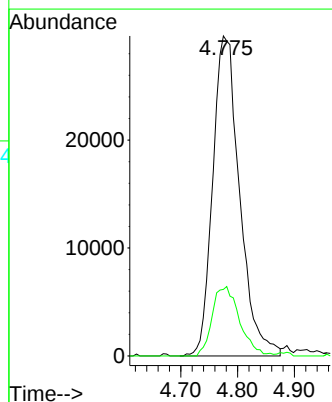
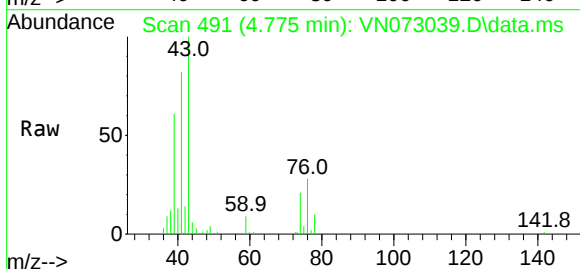
Manual Integrations
APPROVED

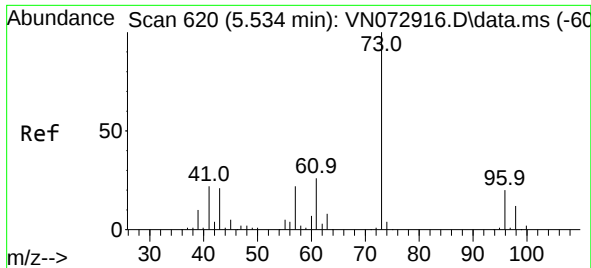
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#18
Methyl Acetate
Concen: 19.143 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

Tgt Ion: 43 Resp: 97602
Ion Ratio Lower Upper
43 100
74 22.0 21.6 32.4





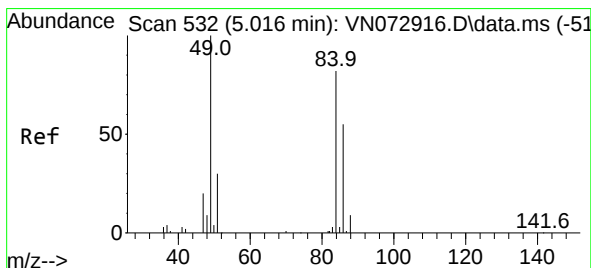
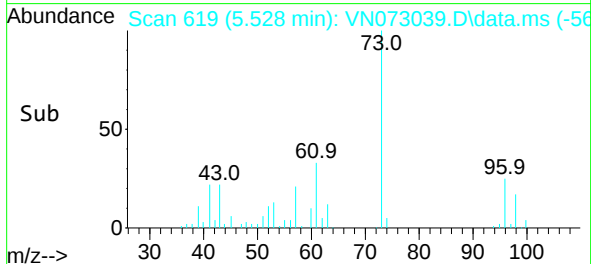
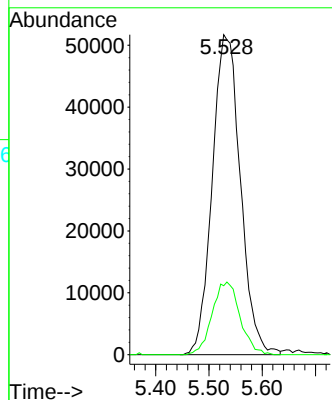
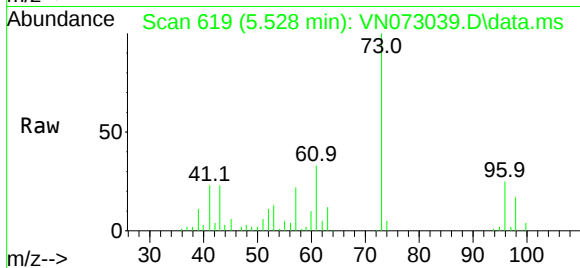
#19
Methyl tert-butyl Ether
Concen: 20.484 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

Instrument :
MSVOA_N
Client Sample Id :
VN0623WBS01

Tgt Ion: 73 Resp: 189750
Ion Ratio Lower Upper
73 100
57 21.5 17.6 26.4

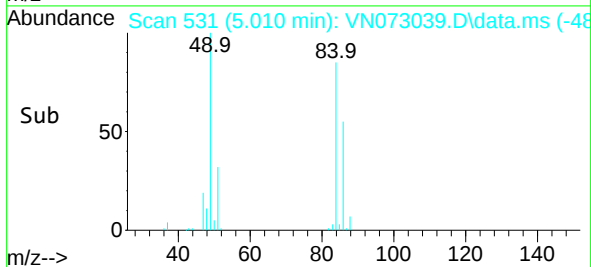
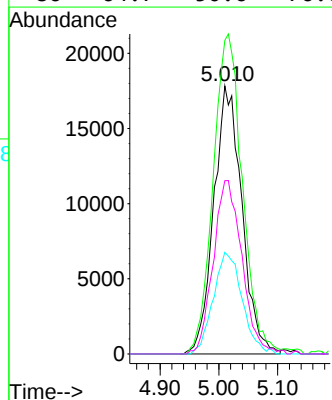
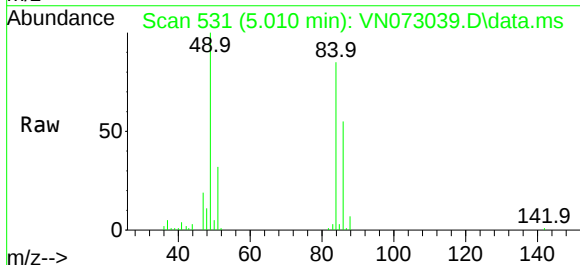
Manual Integrations
APPROVED

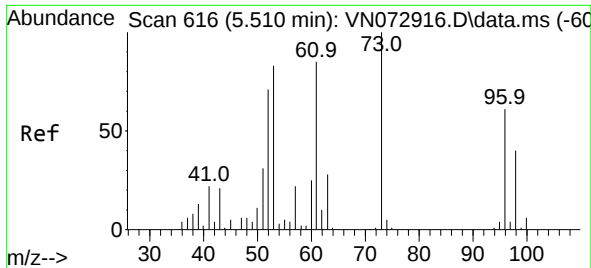
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#20
Methylene Chloride
Concen: 19.780 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

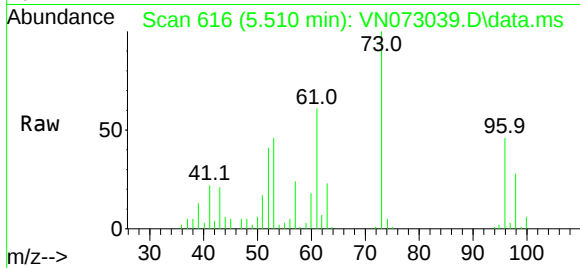
Tgt Ion: 84 Resp: 59174
Ion Ratio Lower Upper
84 100
49 117.1 88.3 132.5
51 37.9 28.2 42.2
86 64.7 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 18.798 ug/l
RT: 5.510 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

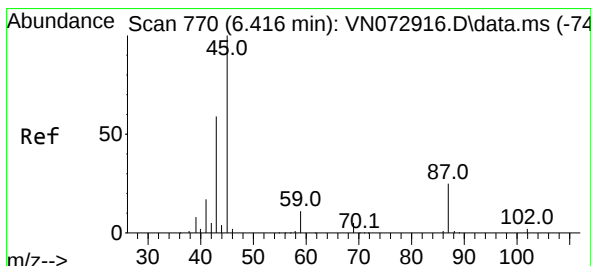
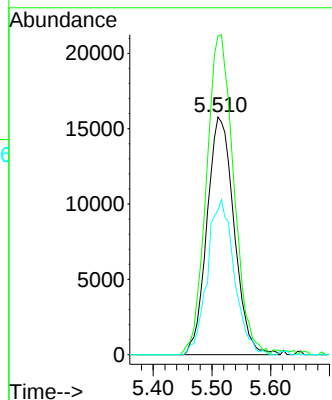
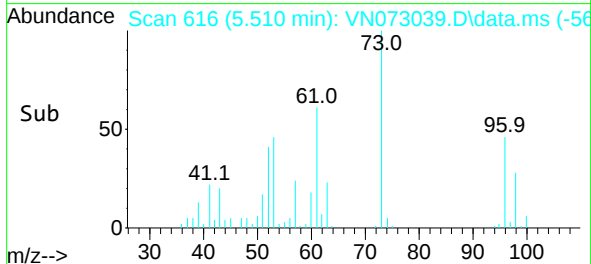
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



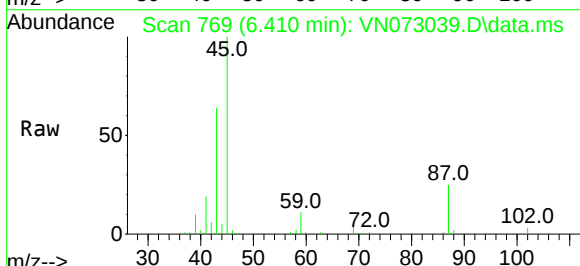
Tgt Ion: 96 Resp: 5043
Ion Ratio Lower Upper
96 100
61 134.2 105.8 158.8
98 60.9 50.3 75.5

Manual Integrations
APPROVED

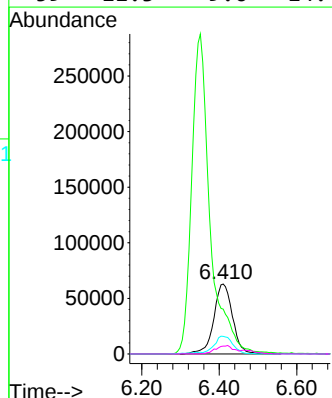
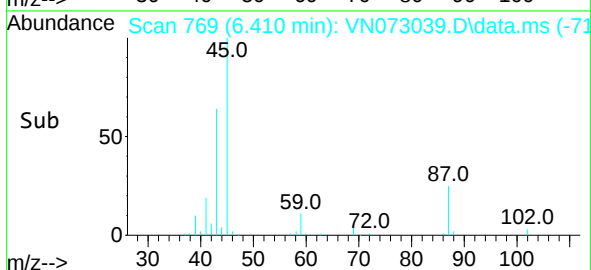
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

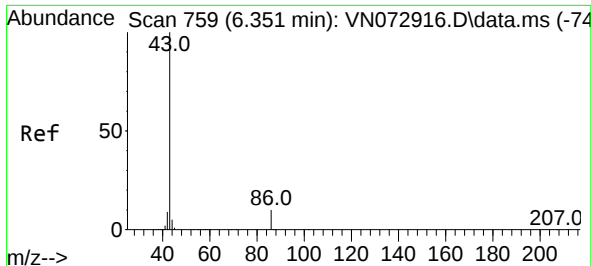


#22
Diisopropyl ether
Concen: 21.602 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.006 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15



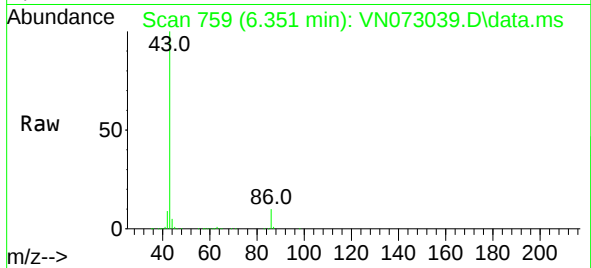
Tgt Ion: 45 Resp: 212217
Ion Ratio Lower Upper
45 100
43 62.4 46.6 70.0
87 25.2 24.3 36.5
59 11.3 9.6 14.4





#23
 Vinyl Acetate
 Concen: 104.388 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073039.D
 Acq: 23 Jun 2022 11:15

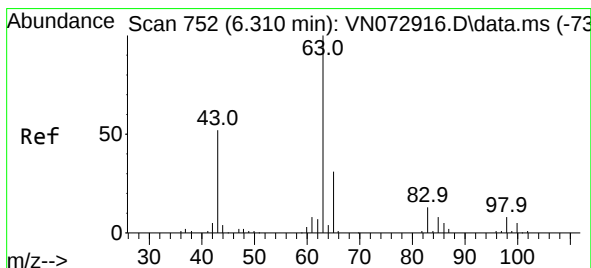
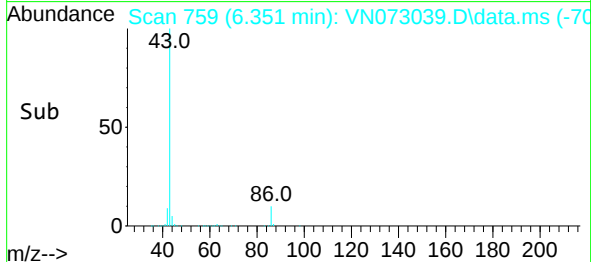
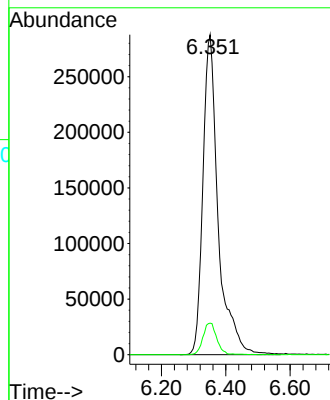
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBS01



Tgt Ion: 43 Resp: 946672
 Ion Ratio Lower Upper
 43 100
 86 9.8 10.0 15.0

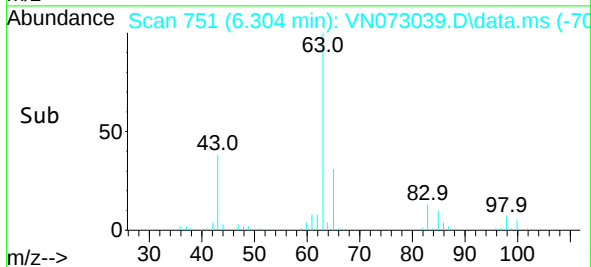
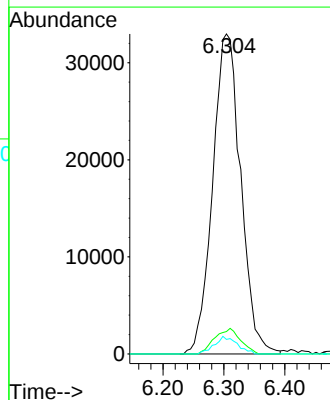
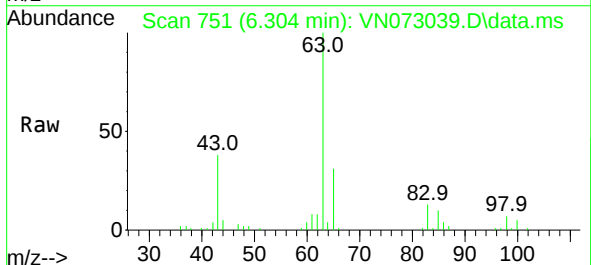
Manual Integrations
 APPROVED

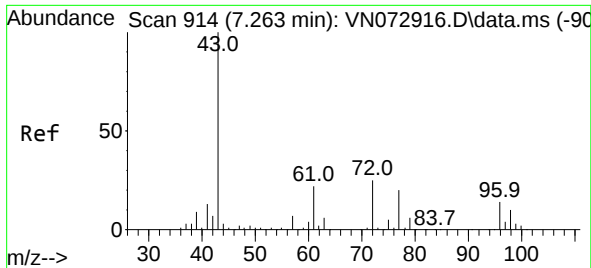
Reviewed By :John Carlone 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#24
 1,1-Dichloroethane
 Concen: 20.490 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. -0.006 min
 Lab File: VN073039.D
 Acq: 23 Jun 2022 11:15

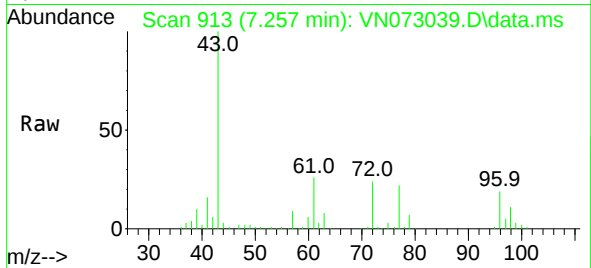
Tgt Ion: 63 Resp: 105535
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.5 2.3 6.8





#25
2-Butanone
Concen: 96.105 ug/l
RT: 7.257 min Scan# 913
Delta R.T. -0.006 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

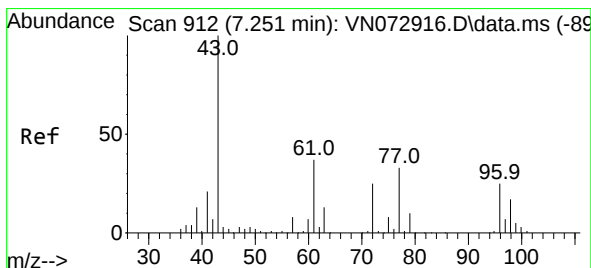
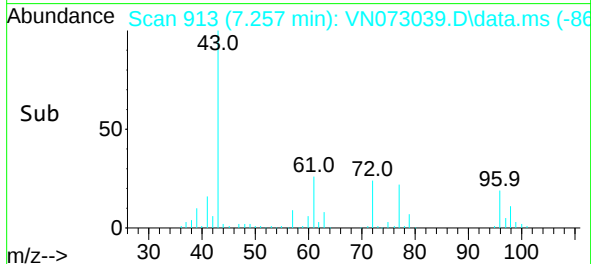
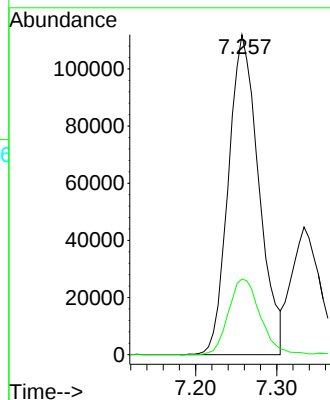
Instrument :
MSVOA_N
Client Sample Id :
VN0623WBS01



Tgt Ion: 43 Resp: 291984
Ion Ratio Lower Upper
43 100
72 23.7 23.7 35.5

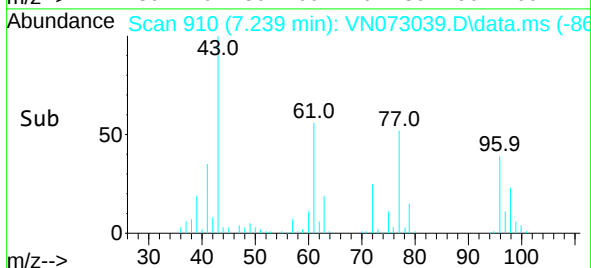
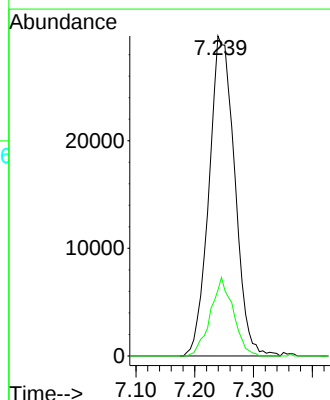
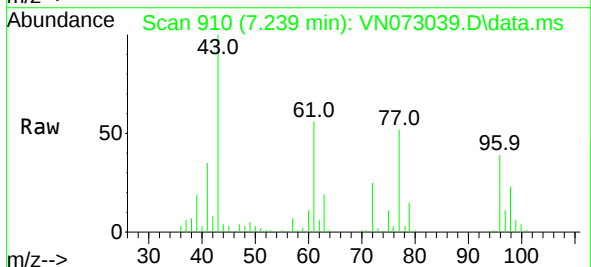
Manual Integrations
APPROVED

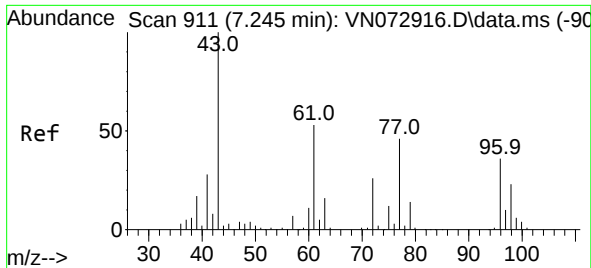
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#26
2,2-Dichloropropane
Concen: 20.785 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.012 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

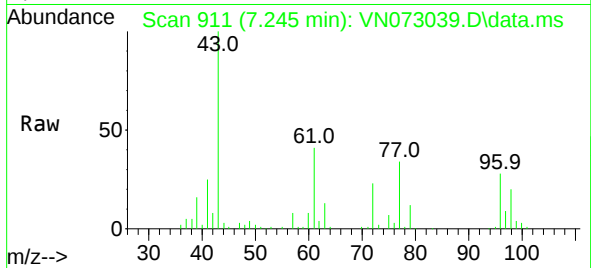
Tgt Ion: 77 Resp: 90309
Ion Ratio Lower Upper
77 100
97 21.8 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 20.095 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN073039.D
 Acq: 23 Jun 2022 11:15

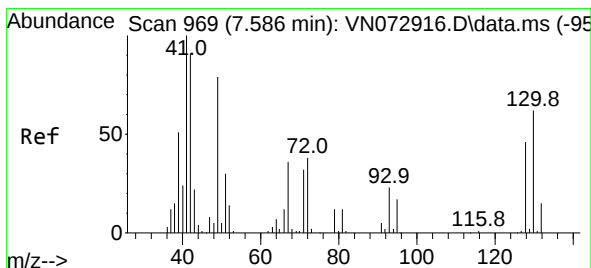
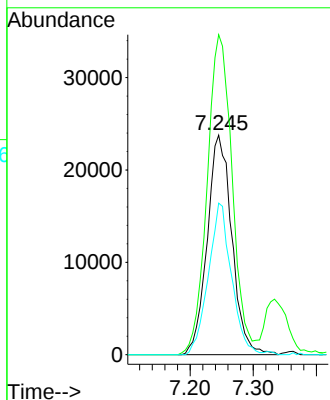
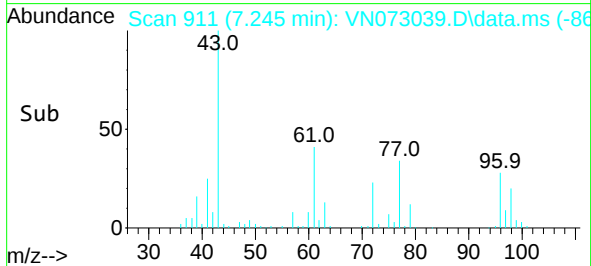
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBS01



Tgt Ion: 96 Resp: 64414
 Ion Ratio Lower Upper
 96 100
 61 147.3 0.0 280.6
 98 64.7 0.0 128.4

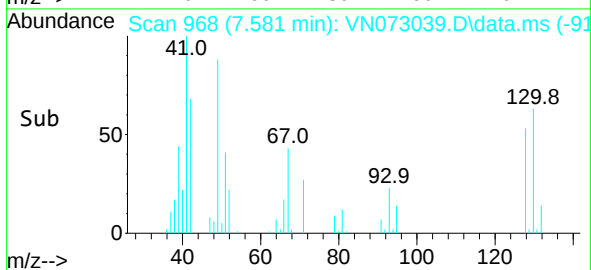
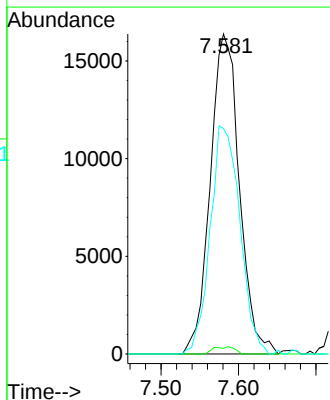
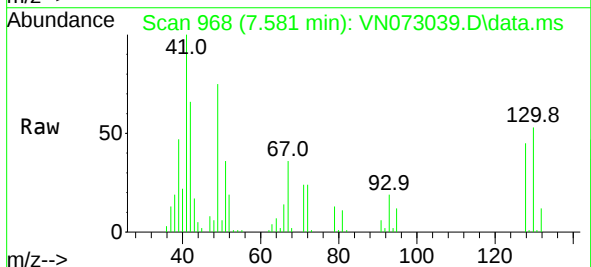
Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#28
 Bromochloromethane
 Concen: 20.109 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VN073039.D
 Acq: 23 Jun 2022 11:15

Tgt Ion: 49 Resp: 42834
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.6
 130 72.6 69.7 104.5





#29

Tetrahydrofuran

Concen: 96.233 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN073039.D

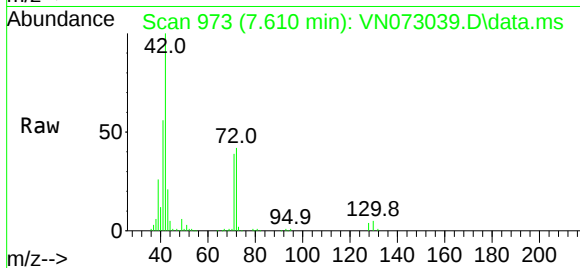
Acq: 23 Jun 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBS01



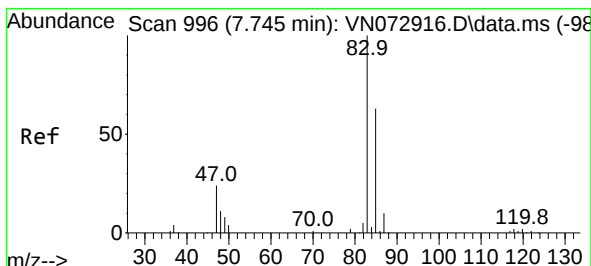
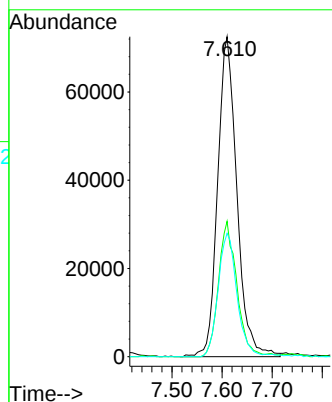
Tgt Ion:	42	Resp:	19307
Ion Ratio	Lower	Upper	
42	100		
72	40.2	39.7	59.5
71	37.5	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#30

Chloroform

Concen: 20.938 ug/l

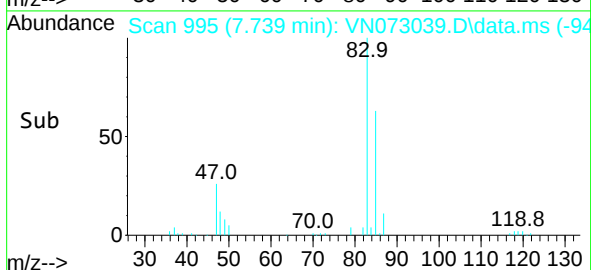
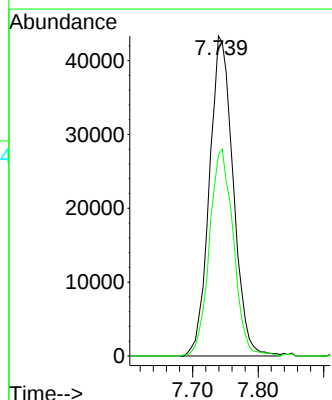
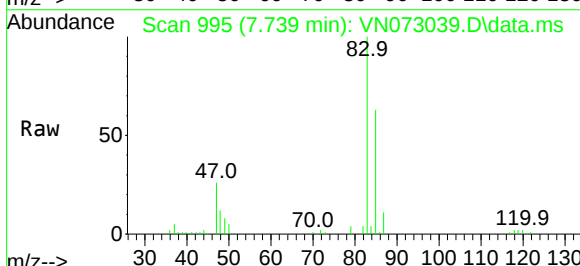
RT: 7.739 min Scan# 995

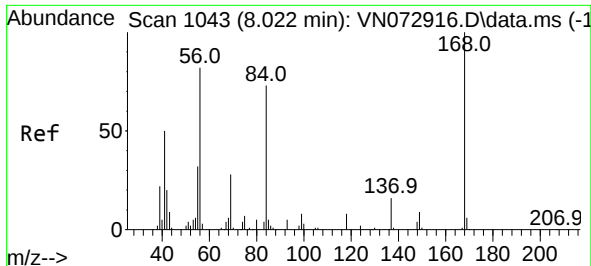
Delta R.T. -0.006 min

Lab File: VN073039.D

Acq: 23 Jun 2022 11:15

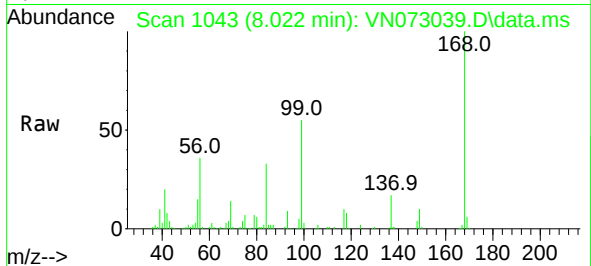
Tgt Ion:	83	Resp:	109175
Ion Ratio	Lower	Upper	
83	100		
85	62.9	51.8	77.8





#31
Cyclohexane
Concen: 19.229 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

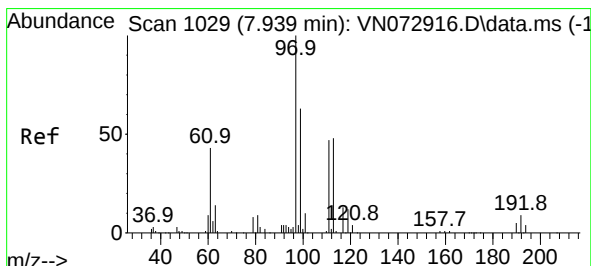
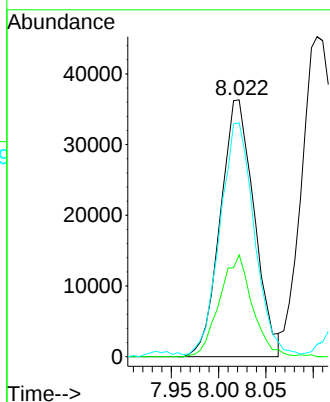
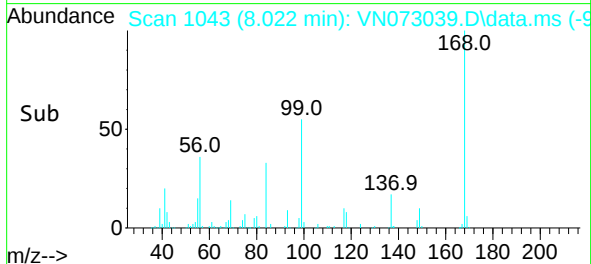
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



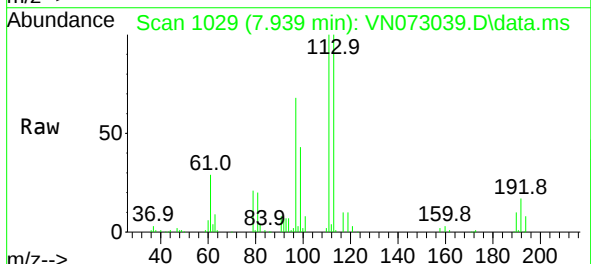
Tgt Ion: 56 Resp: 90598
Ion Ratio Lower Upper
56 100
69 39.6 27.8 41.8
84 89.5 76.9 115.3

Manual Integrations
APPROVED

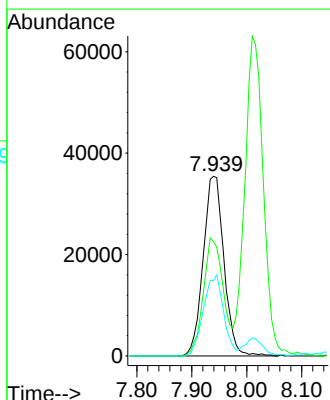
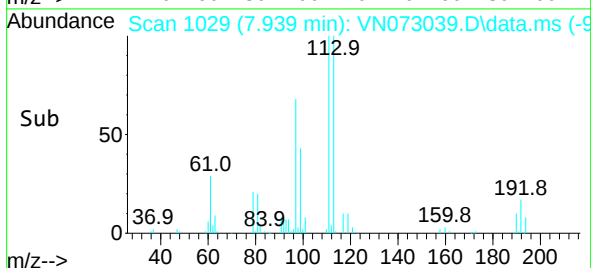
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

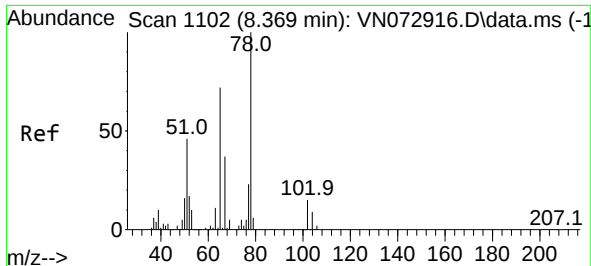


#32
1,1,1-Trichloroethane
Concen: 20.343 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15



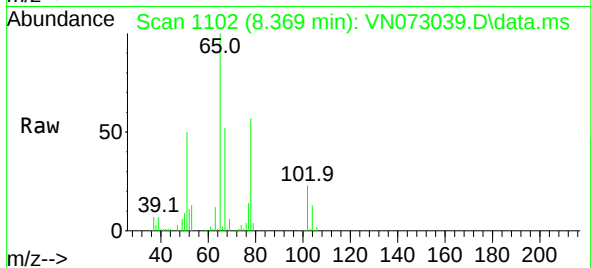
Tgt Ion: 97 Resp: 93082
Ion Ratio Lower Upper
97 100
99 63.5 50.6 76.0
61 43.6 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 53.910 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

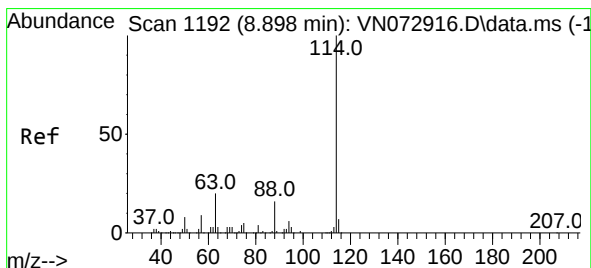
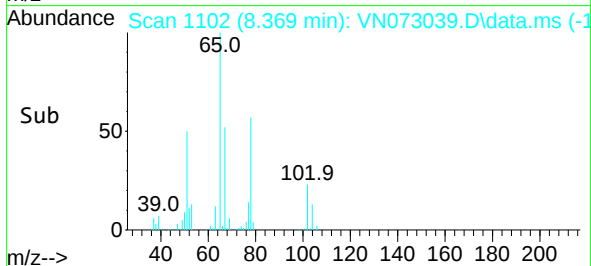
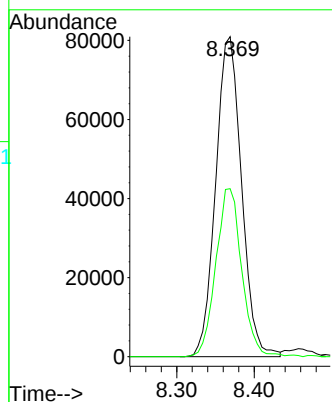
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



Tgt Ion: 65 Resp: 187770
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.8

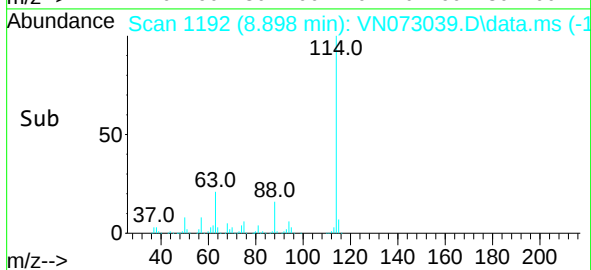
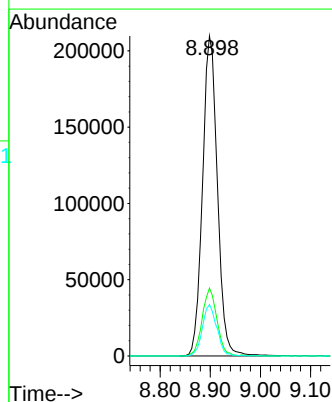
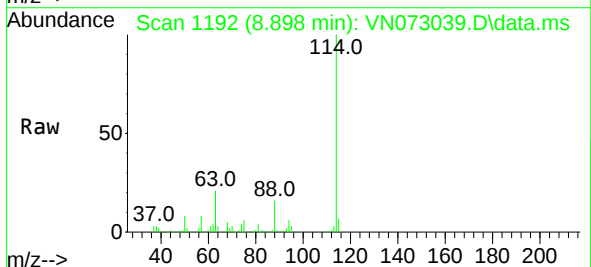
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

Tgt Ion:114 Resp: 432804
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.0
88 16.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 55.224 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073039.D

Acq: 23 Jun 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBS01

Tgt Ion:113 Resp: 14773

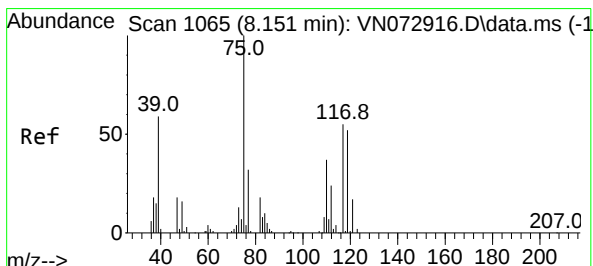
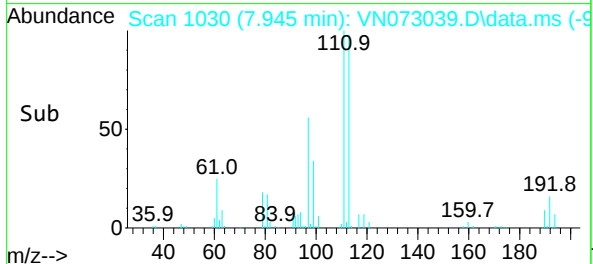
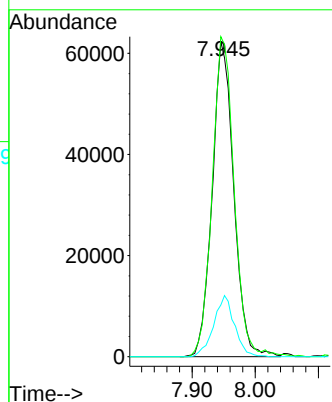
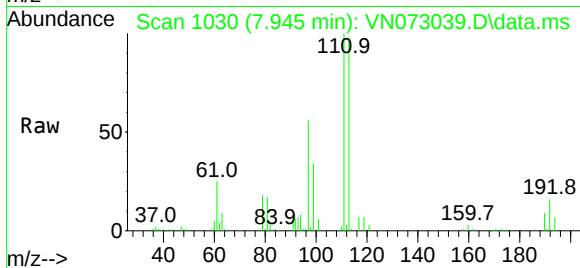
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.4	122.0
192	18.8	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#36

1,1-Dichloropropene

Concen: 20.225 ug/l

RT: 8.151 min Scan# 1065

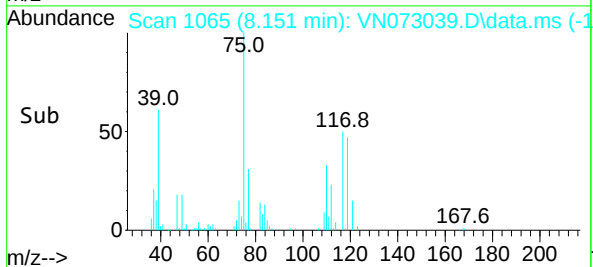
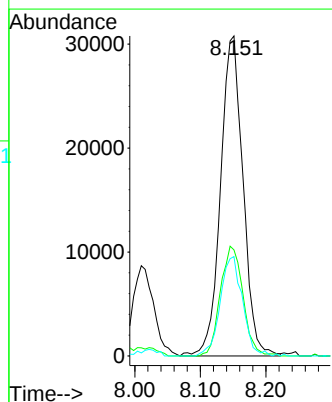
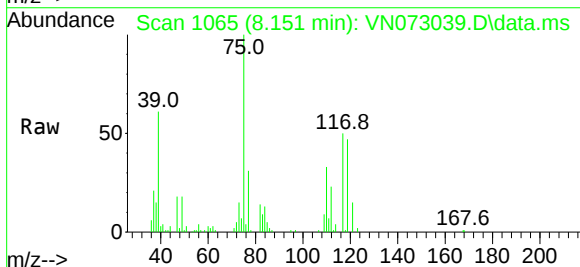
Delta R.T. 0.000 min

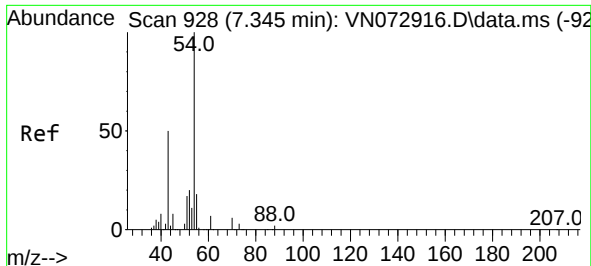
Lab File: VN073039.D

Acq: 23 Jun 2022 11:15

Tgt Ion: 75 Resp: 73211

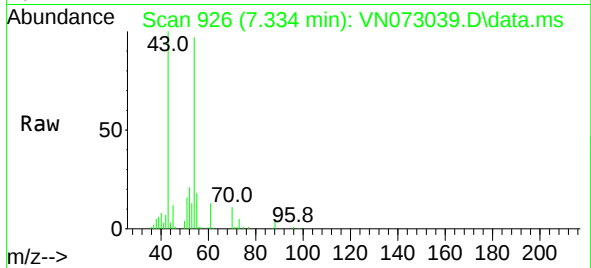
Ion	Ratio	Lower	Upper
75	100		
110	34.5	18.3	54.8
77	30.9	25.1	37.7





#37
Ethyl Acetate
Concen: 19.812 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

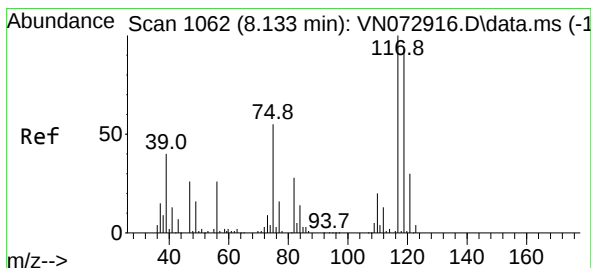
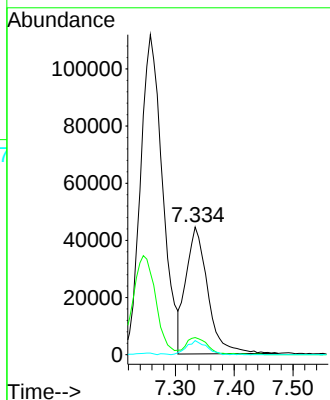
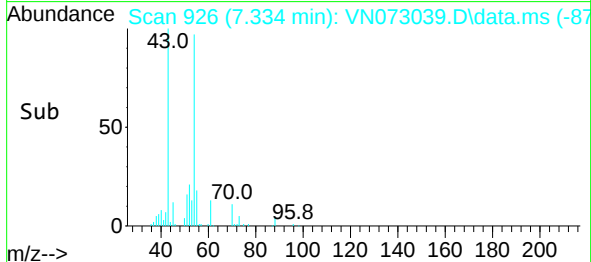
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



Tgt Ion: 43 Resp: 114710
Ion Ratio Lower Upper
43 100
61 13.7 11.8 17.6
70 10.0 9.3 13.9

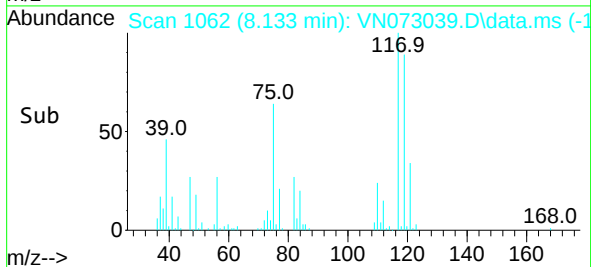
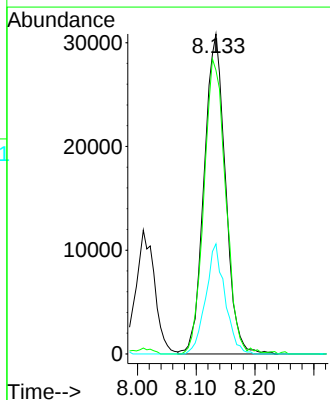
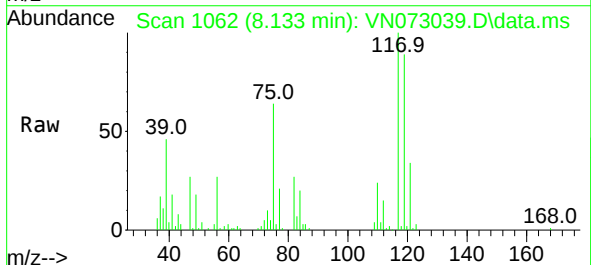
Manual Integrations
APPROVED

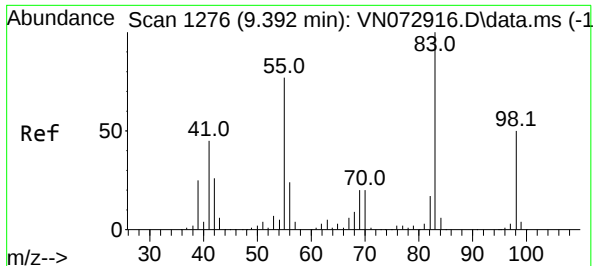
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#38
Carbon Tetrachloride
Concen: 20.381 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

Tgt Ion:117 Resp: 77600
Ion Ratio Lower Upper
117 100
119 88.6 75.8 113.8
121 34.4 24.6 37.0





#39

Methylcyclohexane

Concen: 20.016 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073039.D

Acq: 23 Jun 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBS01

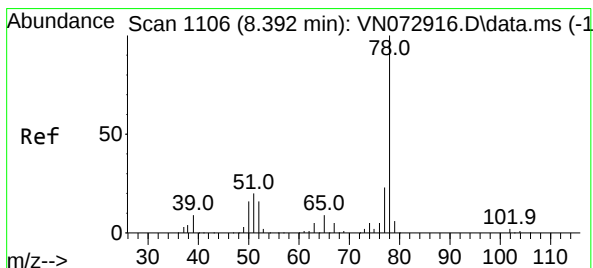
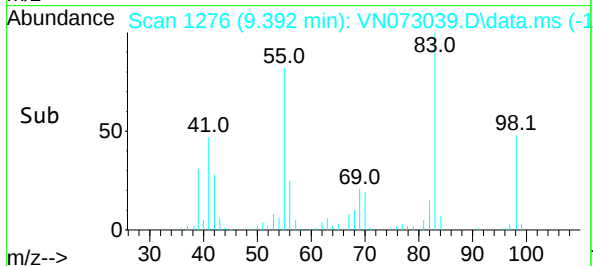
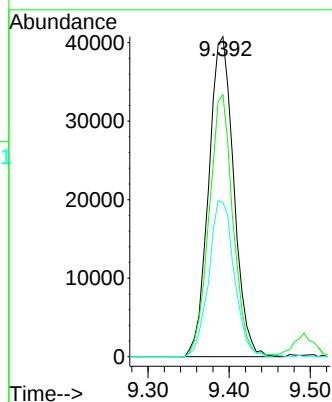
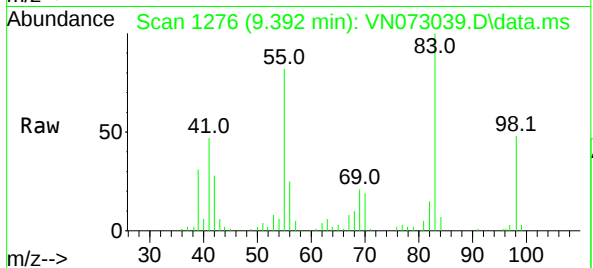
Tgt Ion: 83	Resp: 87329
Ion Ratio	Lower Upper
83 100	
55 81.9	57.8 86.8
98 48.2	39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#40

Benzene

Concen: 20.792 ug/l

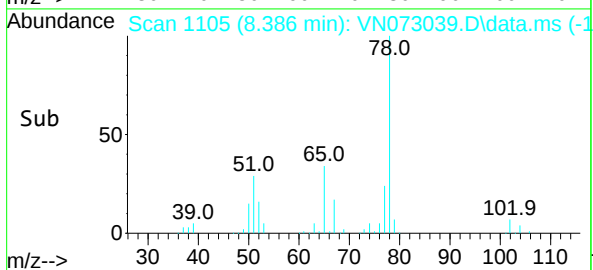
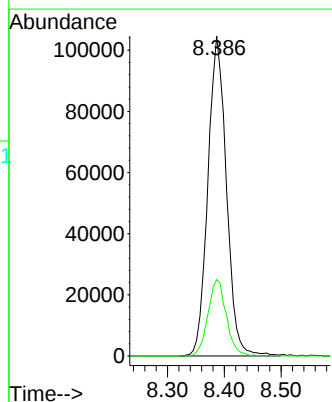
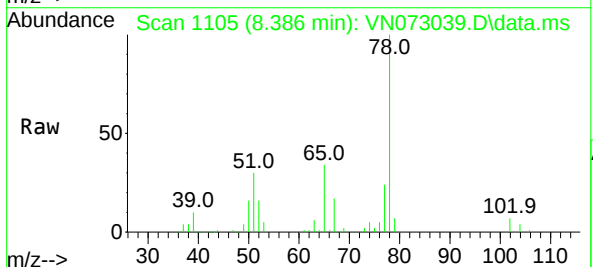
RT: 8.386 min Scan# 1105

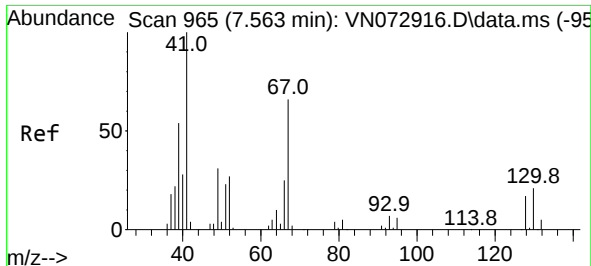
Delta R.T. -0.006 min

Lab File: VN073039.D

Acq: 23 Jun 2022 11:15

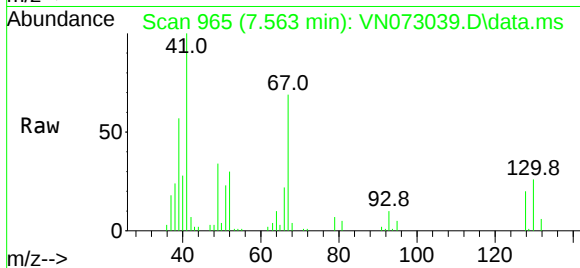
Tgt Ion: 78	Resp: 236525
Ion Ratio	Lower Upper
78 100	
77 23.8	19.4 29.0





#41
Methacrylonitrile
Concen: 19.207 ug/l
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

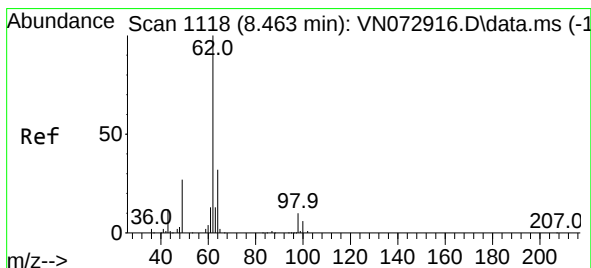
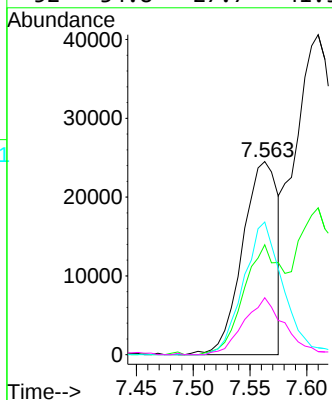
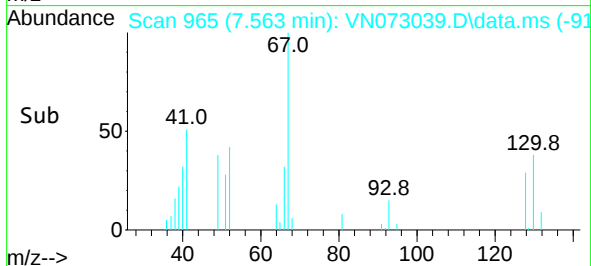
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



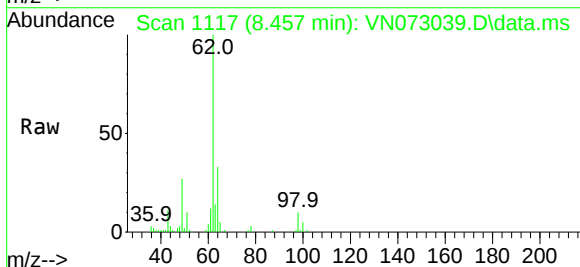
Tgt Ion: 41 Resp: 52734
Ion Ratio Lower Upper
41 100
39 61.0 48.6 73.0
67 77.5 73.4 110.2
52 34.8 27.7 41.5

Manual Integrations
APPROVED

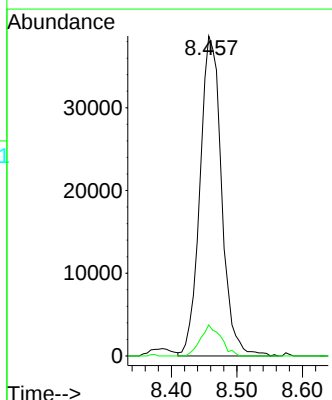
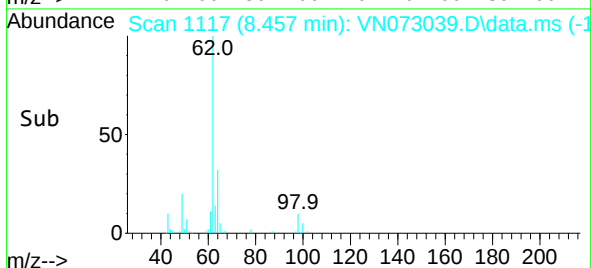
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

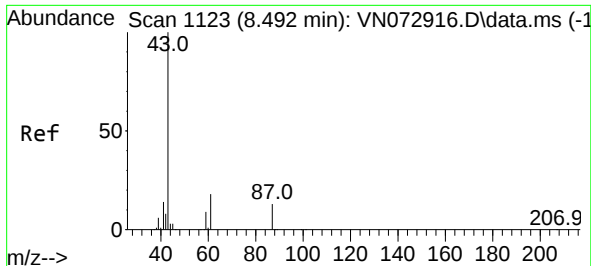


#42
1,2-Dichloroethane
Concen: 21.956 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15



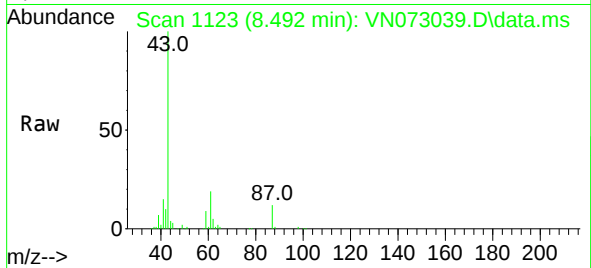
Tgt Ion: 62 Resp: 88715
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.4





#43
Isopropyl Acetate
Concen: 20.938 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

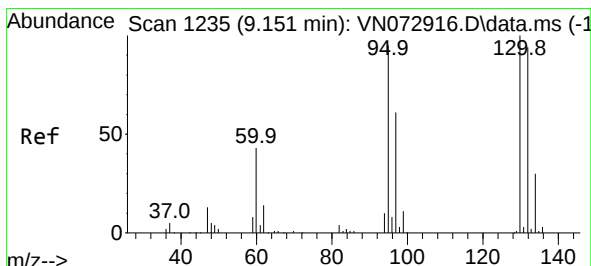
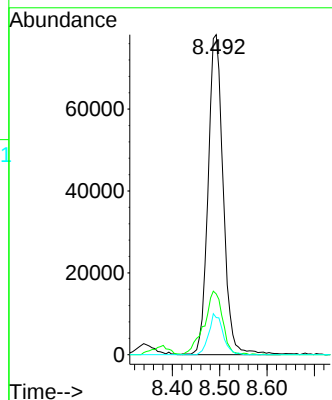
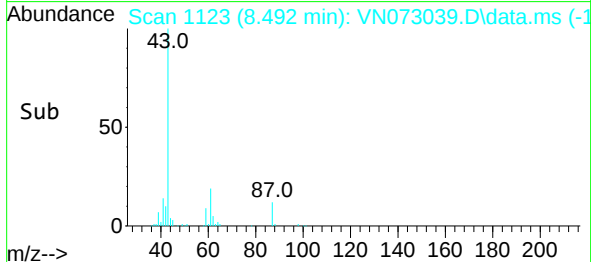
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



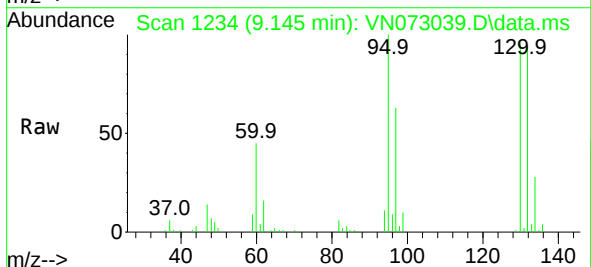
Tgt Ion: 43 Resp: 173289
Ion Ratio Lower Upper
43 100
61 24.3 21.9 32.9
87 11.9 12.0 18.0

Manual Integrations
APPROVED

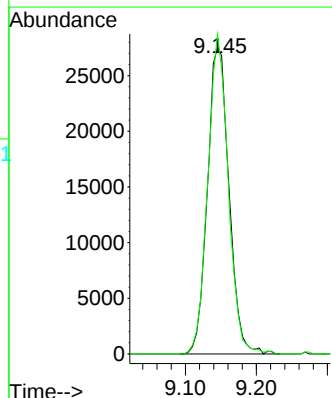
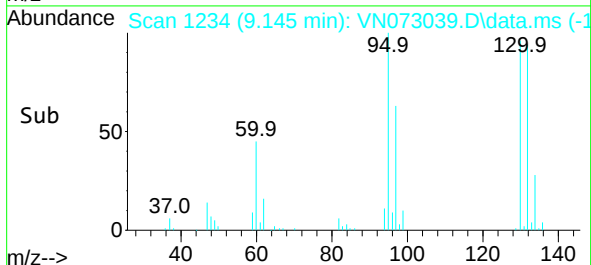
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

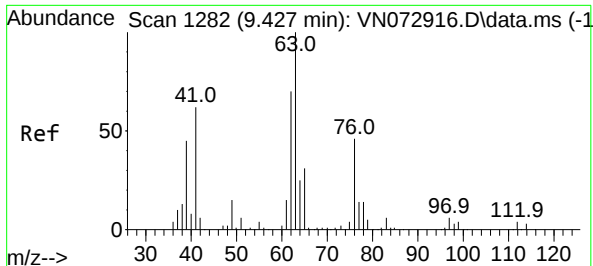


#44
Trichloroethene
Concen: 20.192 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. -0.006 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15



Tgt Ion:130 Resp: 58211
Ion Ratio Lower Upper
130 100
95 104.4 0.0 186.8





#45

1,2-Dichloropropane

Concen: 21.588 ug/l

RT: 9.422 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VN073039.D

Acq: 23 Jun 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBS01

Tgt Ion: 63 Resp: 6277

Ion Ratio Lower Upper

63 100

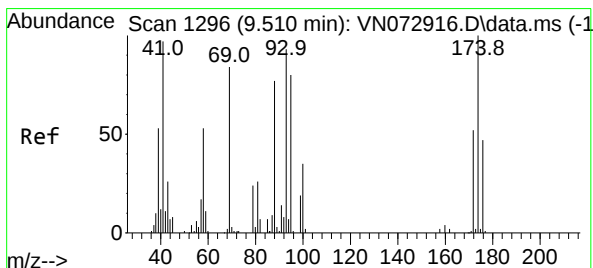
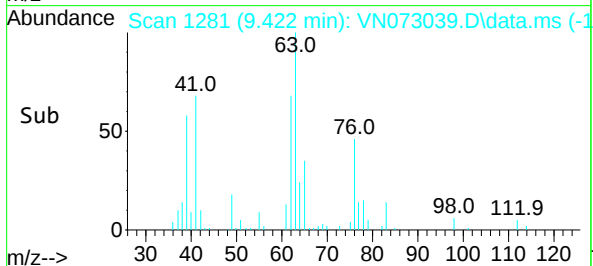
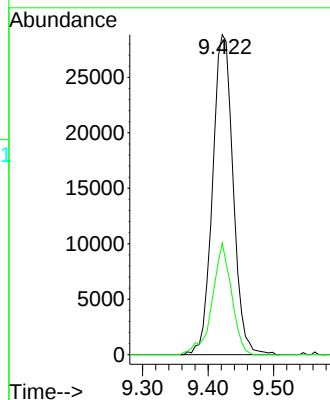
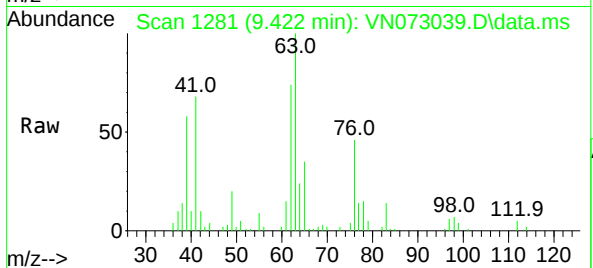
65 34.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#46

Dibromomethane

Concen: 21.277 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN073039.D

Acq: 23 Jun 2022 11:15

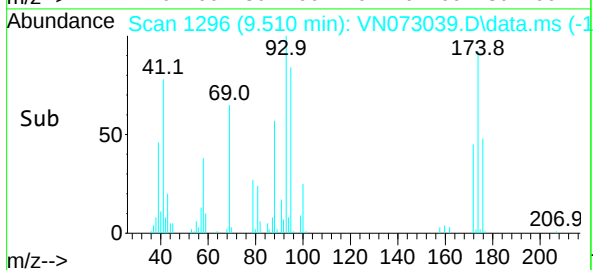
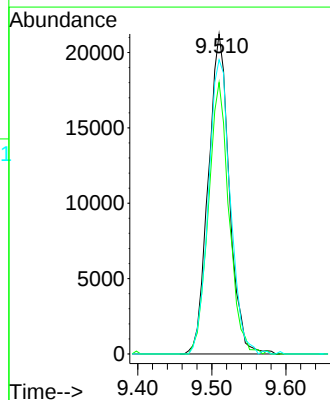
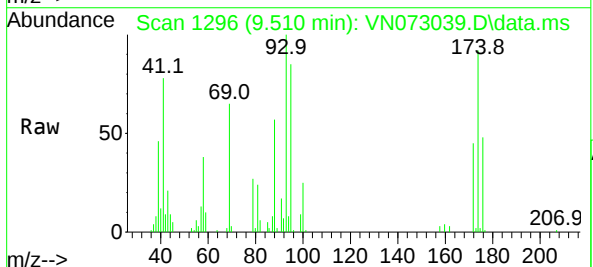
Tgt Ion: 93 Resp: 41835

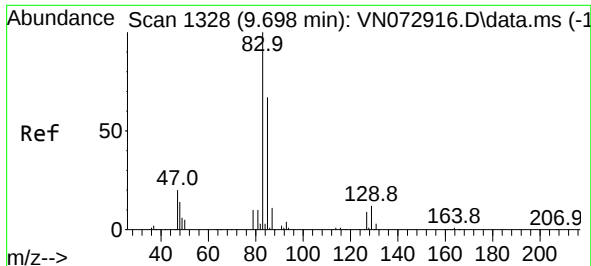
Ion Ratio Lower Upper

93 100

95 83.3 66.9 100.3

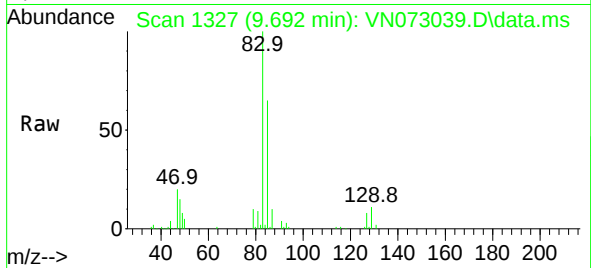
174 95.7 86.6 130.0





#47
Bromodichloromethane
Concen: 21.718 ug/l
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

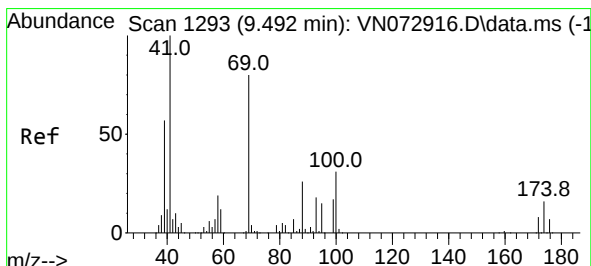
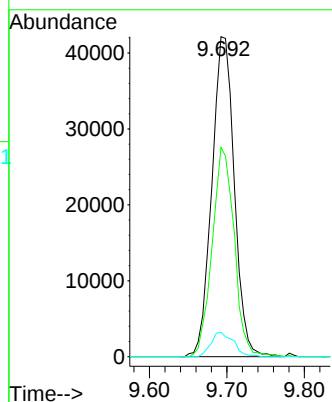
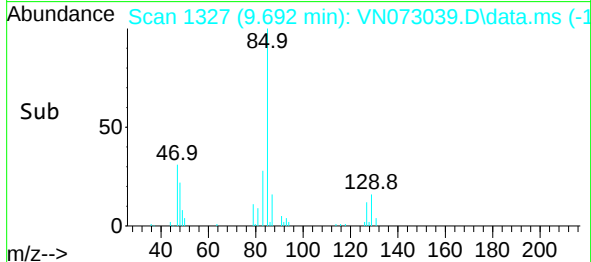
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



Tgt Ion: 83 Resp: 84862
Ion Ratio Lower Upper
83 100
85 65.4 50.5 75.7
127 7.6 6.8 10.2

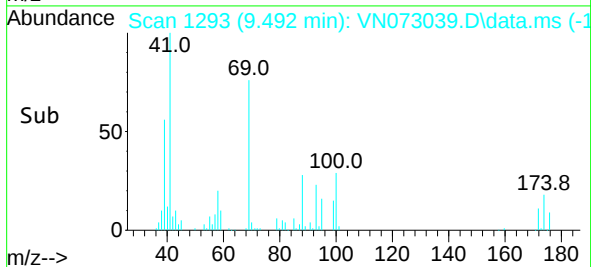
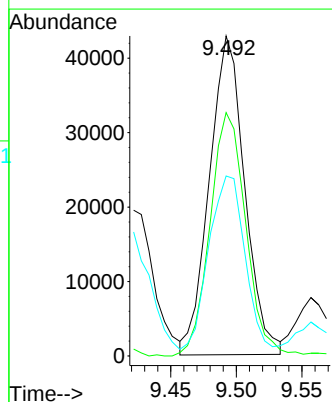
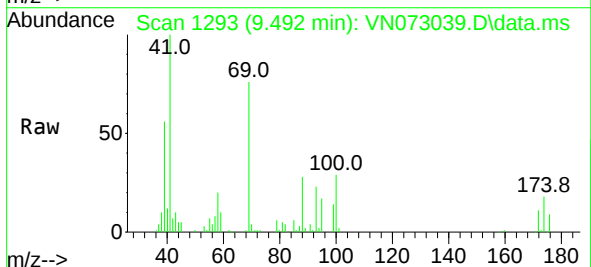
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#48
Methyl methacrylate
Concen: 21.247 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

Tgt Ion: 41 Resp: 80287
Ion Ratio Lower Upper
41 100
69 77.9 74.7 112.1
39 59.3 45.6 68.4





#49

1,4-Dioxane

Concen: 376.915 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN073039.D

Acq: 23 Jun 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBS01

Tgt Ion: 88 Resp: 32040

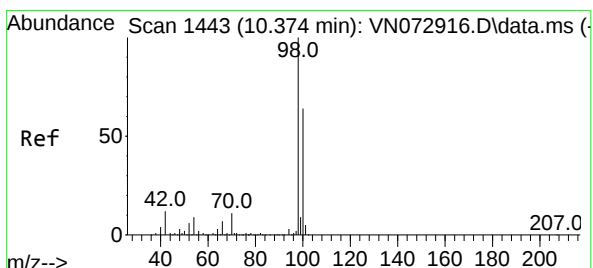
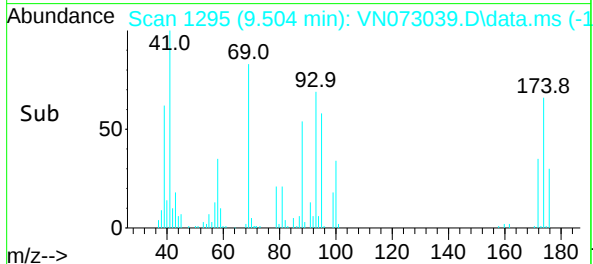
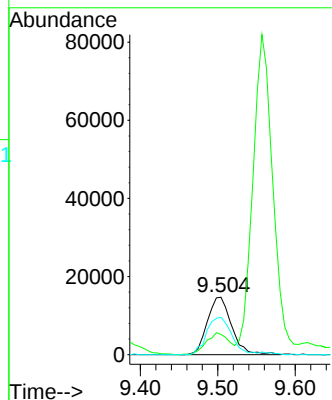
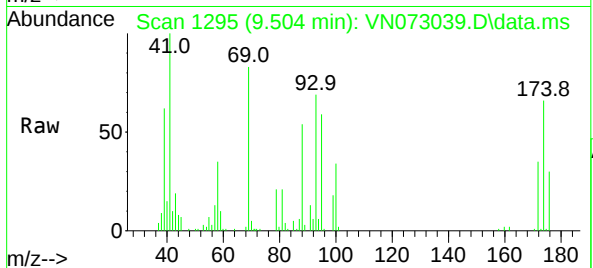
Ion	Ratio	Lower	Upper
88	100		
43	35.8	20.2	30.4
58	67.0	54.2	81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#50

Toluene-d8

Concen: 55.656 ug/l

RT: 10.375 min Scan# 1443

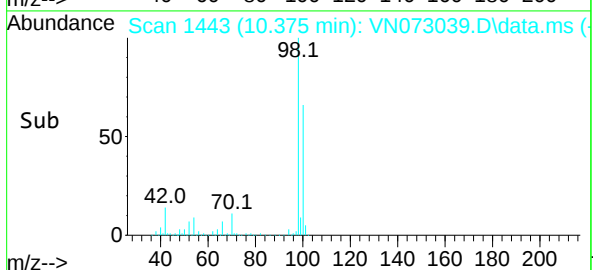
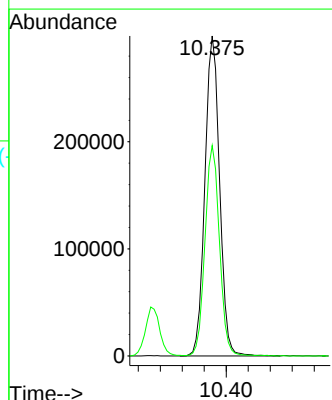
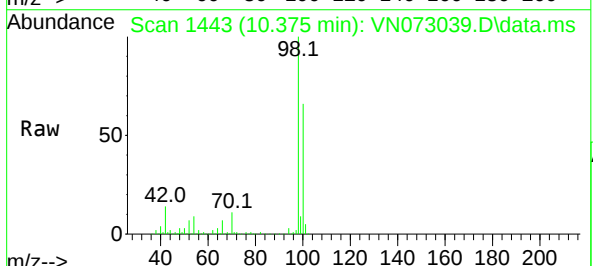
Delta R.T. 0.000 min

Lab File: VN073039.D

Acq: 23 Jun 2022 11:15

Tgt Ion: 98 Resp: 554013

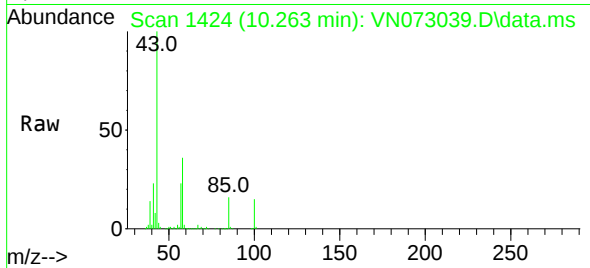
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.6	78.8





#51
4-Methyl-2-Pentanone
Concen: 104.810 ug/l
RT: 10.263 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

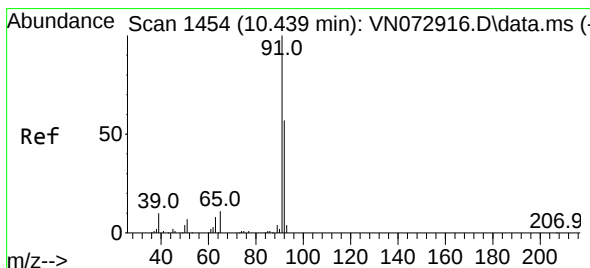
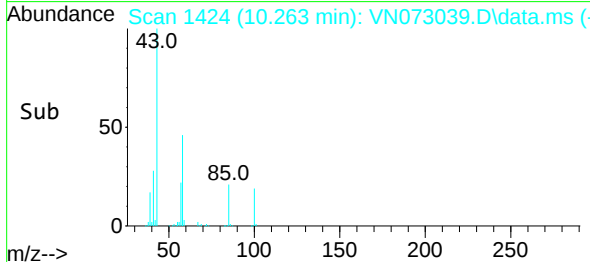
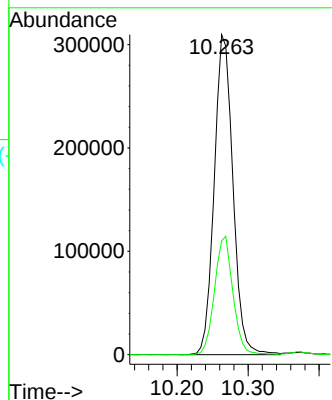
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



Tgt Ion: 43 Resp: 56566
Ion Ratio Lower Upper
43 100
58 36.4 34.1 51.1

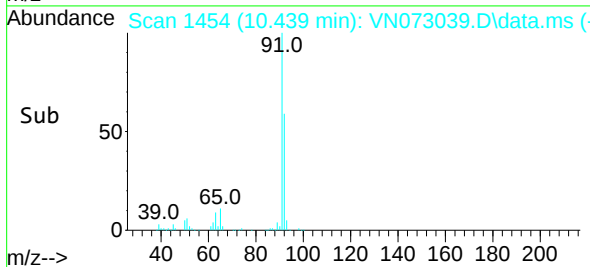
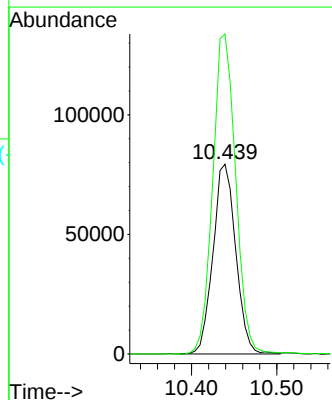
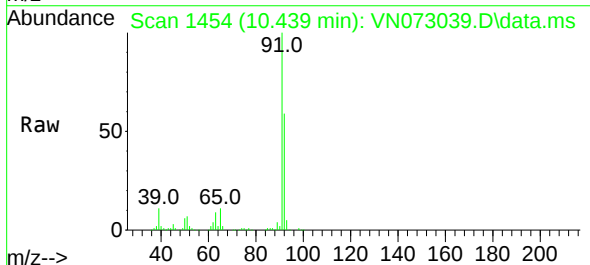
Manual Integrations
APPROVED

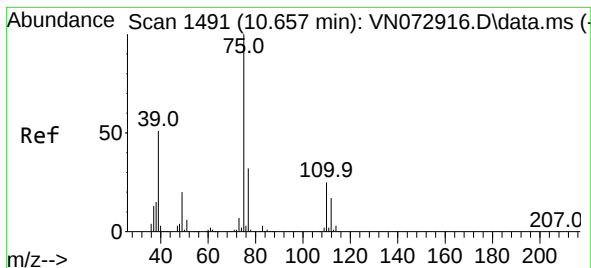
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#52
Toluene
Concen: 21.082 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

Tgt Ion: 92 Resp: 147242
Ion Ratio Lower Upper
92 100
91 170.5 138.6 207.8





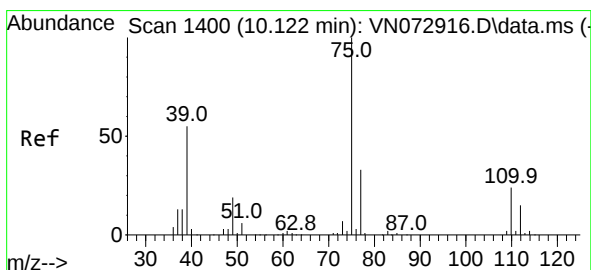
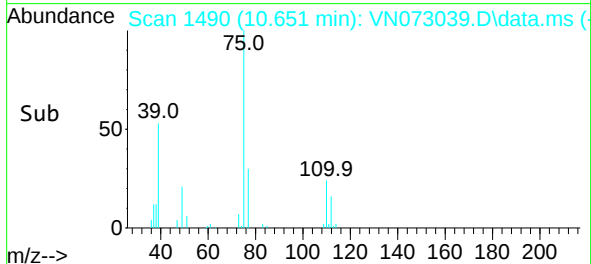
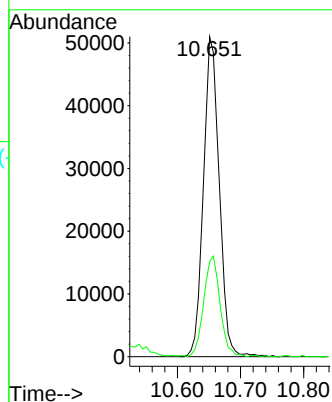
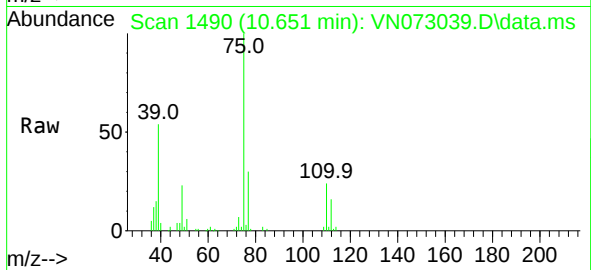
#53
t-1,3-Dichloropropene
Concen: 21.087 ug/l
RT: 10.651 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

Tgt Ion: 75 Resp: 88614
Ion Ratio Lower Upper
75 100
77 29.8 25.6 38.4

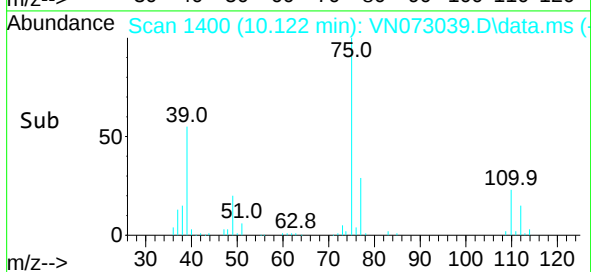
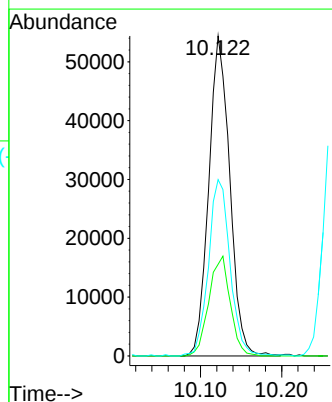
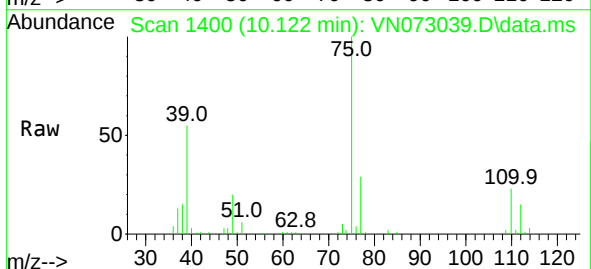
Manual Integrations
APPROVED

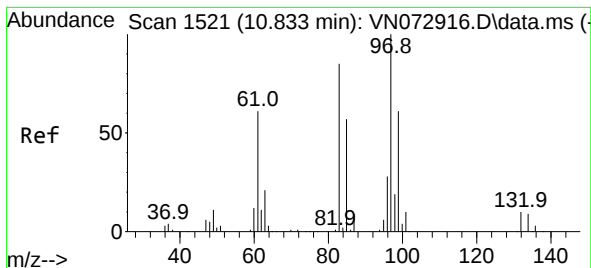
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#54
cis-1,3-Dichloropropene
Concen: 21.324 ug/l
RT: 10.122 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

Tgt Ion: 75 Resp: 97881
Ion Ratio Lower Upper
75 100
77 28.6 25.2 37.8
39 55.1 35.7 53.5#





#55

1,1,2-Trichloroethane

Concen: 20.456 ug/l

RT: 10.833 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VN073039.D

Acq: 23 Jun 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBS01

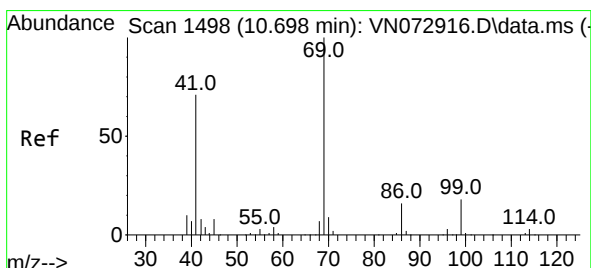
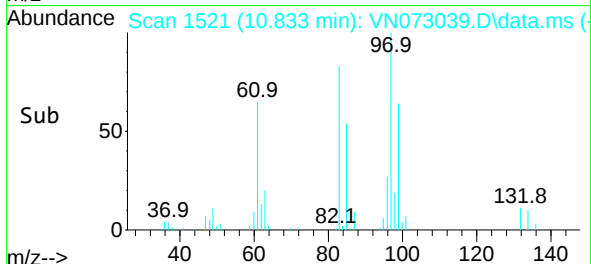
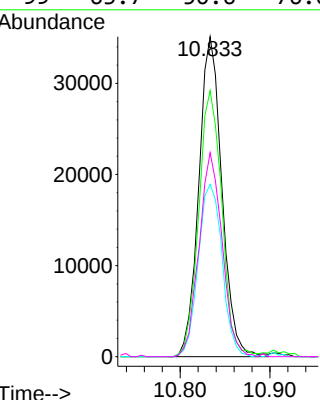
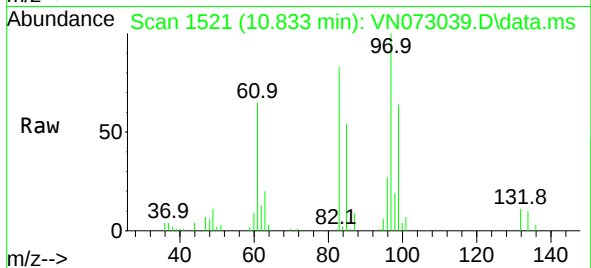
Tgt Ion:	97	Resp:	6273
Ion	Ratio	Lower	Upper
97	100		
83	83.2	66.2	99.4
85	53.8	43.9	65.9
99	63.7	50.6	76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#56

Ethyl methacrylate

Concen: 20.868 ug/l

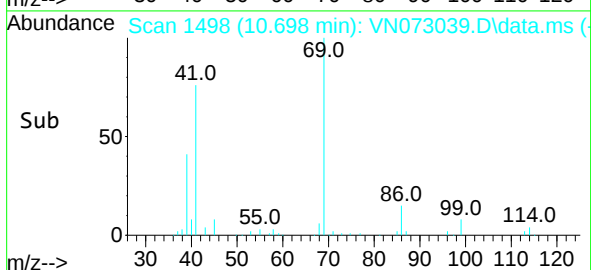
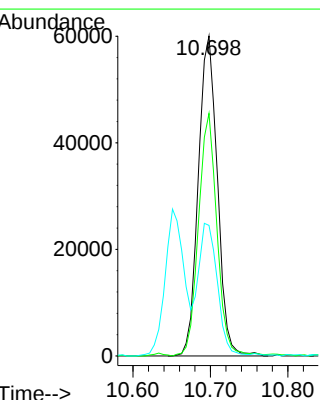
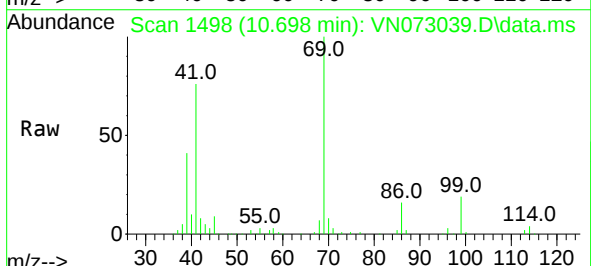
RT: 10.698 min Scan# 1498

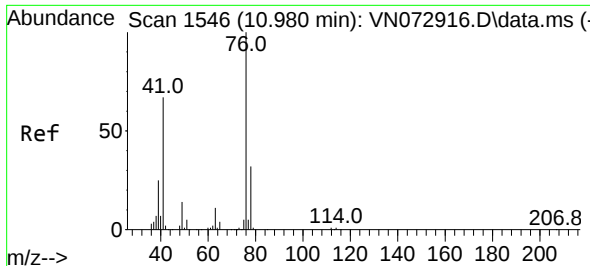
Delta R.T. 0.000 min

Lab File: VN073039.D

Acq: 23 Jun 2022 11:15

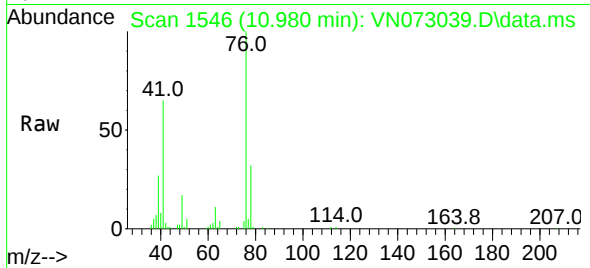
Tgt Ion:	69	Resp:	102575
Ion	Ratio	Lower	Upper
69	100		
41	73.6	47.8	71.6#
39	41.0	27.3	40.9#





#57
1,3-Dichloropropane
Concen: 21.005 ug/l
RT: 10.980 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

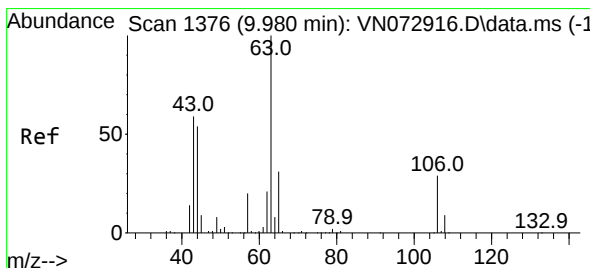
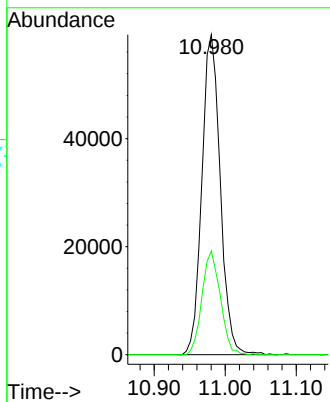
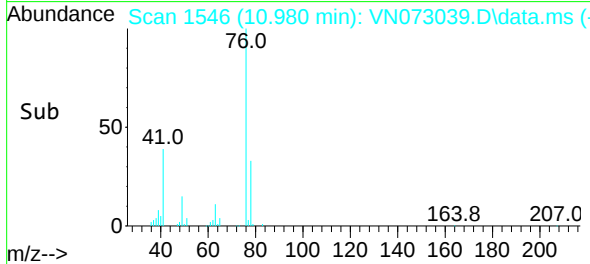
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



Tgt Ion: 76 Resp: 106860
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.2

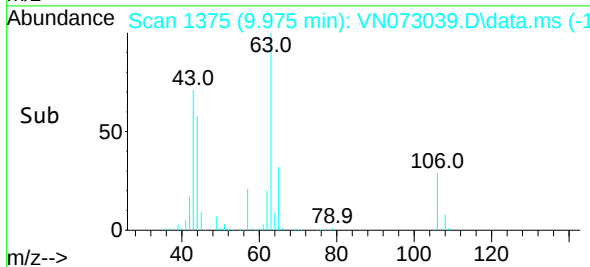
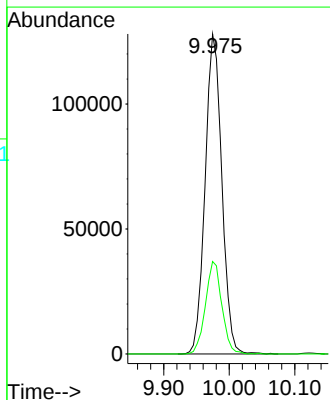
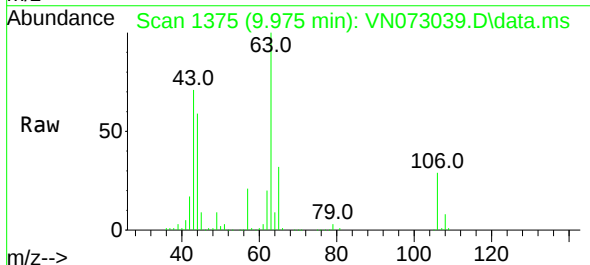
Manual Integrations
APPROVED

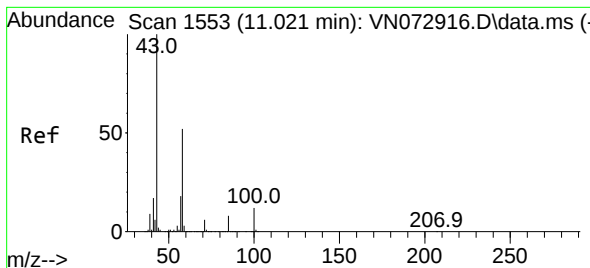
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#58
2-Chloroethyl Vinyl ether
Concen: 104.576 ug/l
RT: 9.975 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

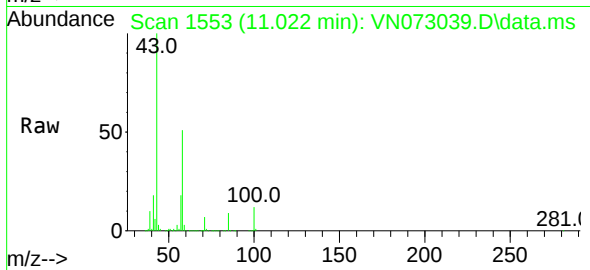
Tgt Ion: 63 Resp: 226938
Ion Ratio Lower Upper
63 100
106 28.3 24.6 36.8





#59
2-Hexanone
Concen: 101.016 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

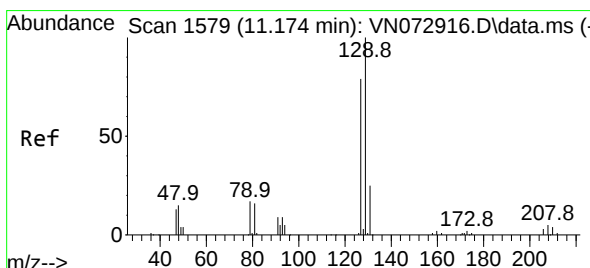
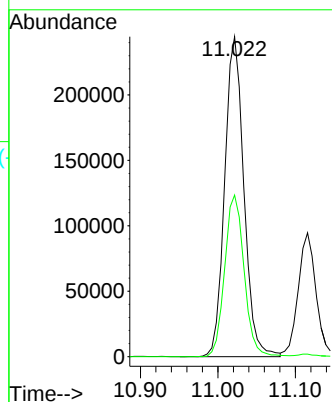
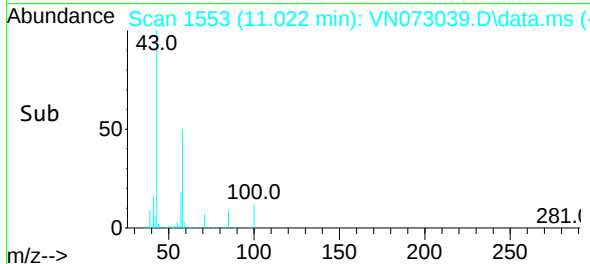
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



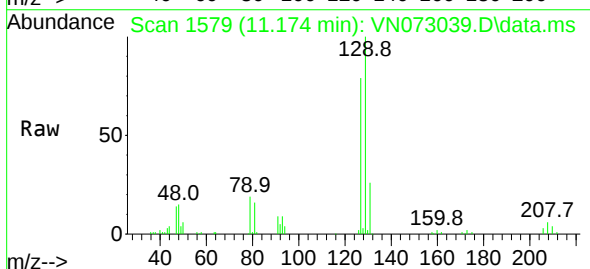
Tgt Ion: 43 Resp: 421669
Ion Ratio Lower Upper
43 100
58 51.1 29.7 89.1

Manual Integrations
APPROVED

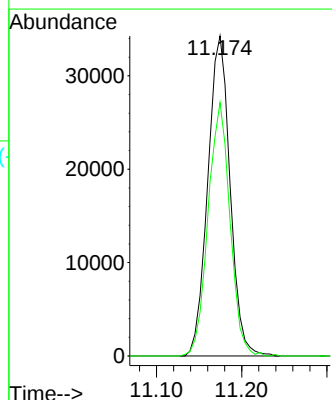
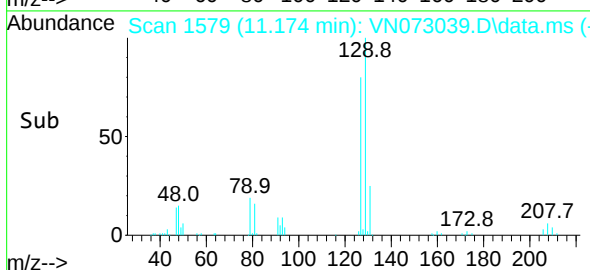
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

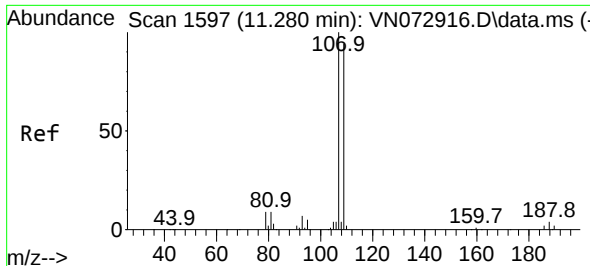


#60
Dibromochloromethane
Concen: 21.475 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15



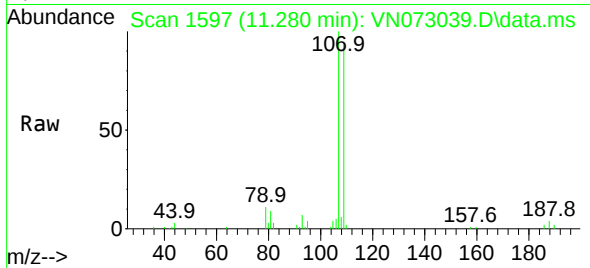
Tgt Ion:129 Resp: 62240
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 21.006 ug/l
RT: 11.280 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

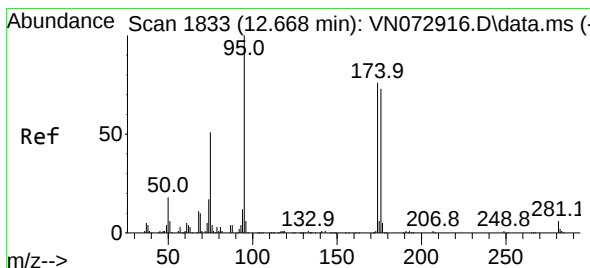
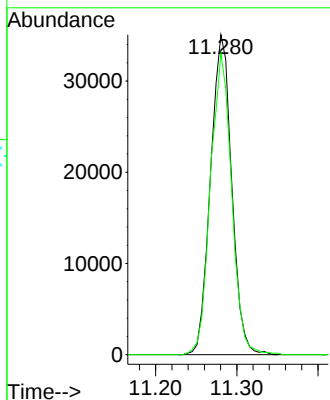
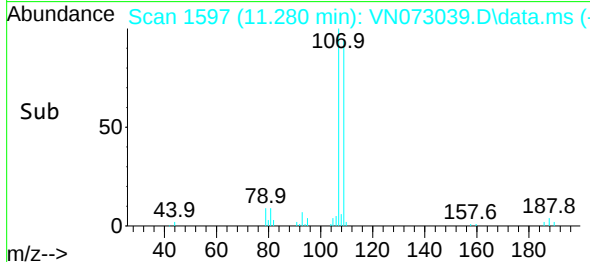
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



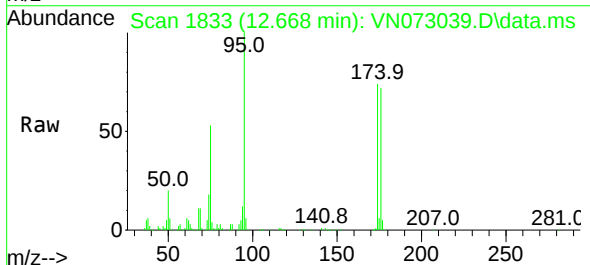
Tgt Ion:107 Resp: 6350
Ion Ratio Lower Upper
107 100
109 94.2 75.0 112.6

Manual Integrations
APPROVED

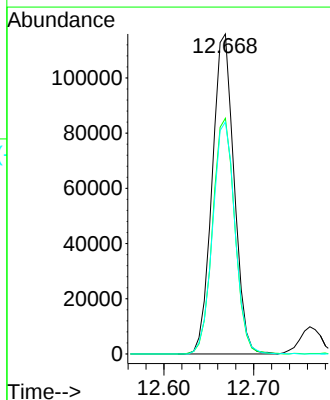
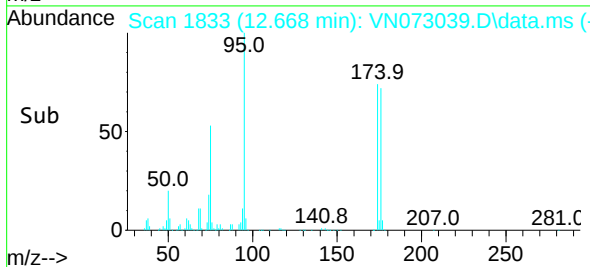
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

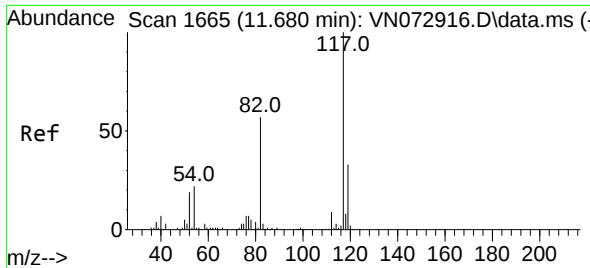


#62
4-Bromofluorobenzene
Concen: 54.906 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15



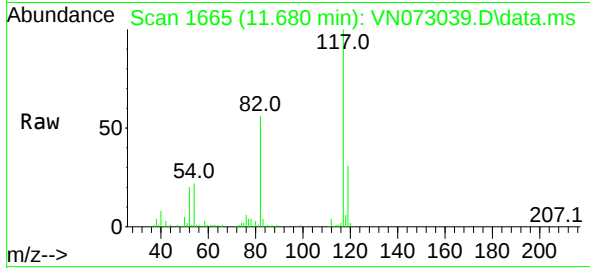
Tgt Ion: 95 Resp: 196528
Ion Ratio Lower Upper
95 100
174 74.3 0.0 167.6
176 73.9 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

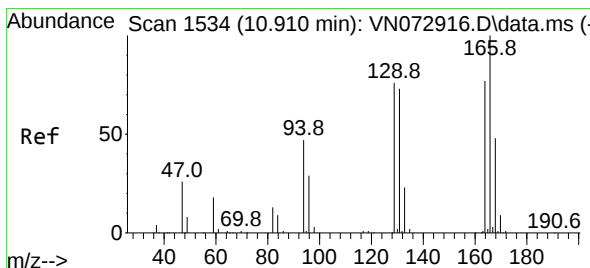
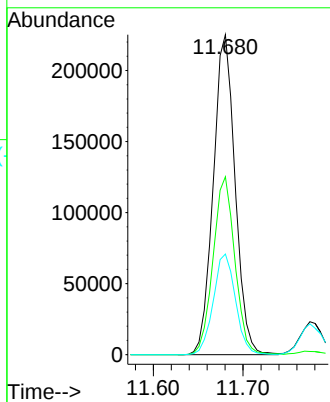
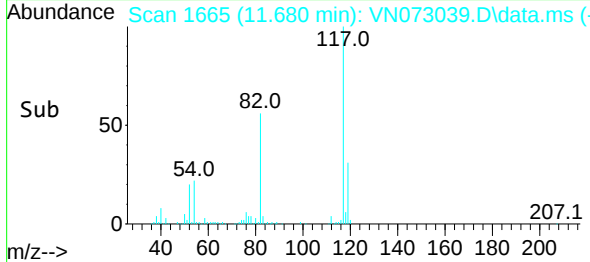
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



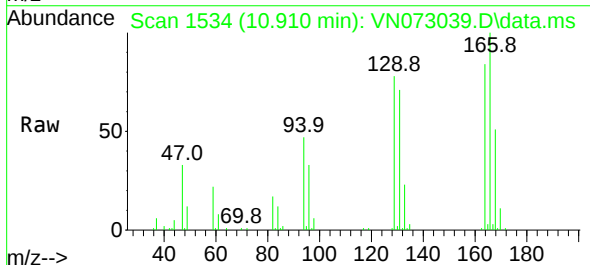
Tgt Ion:117 Resp: 380864
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 31.4 25.4 38.0

Manual Integrations
APPROVED

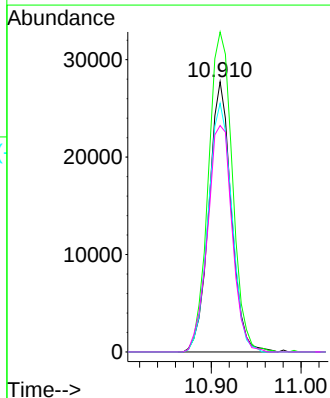
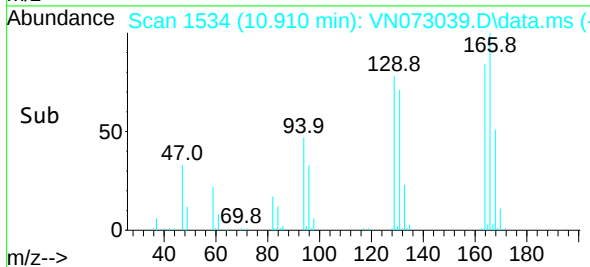
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

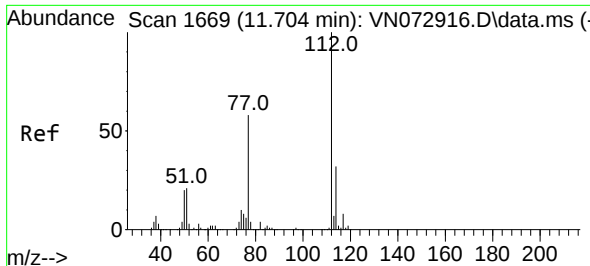


#64
Tetrachloroethene
Concen: 20.745 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15



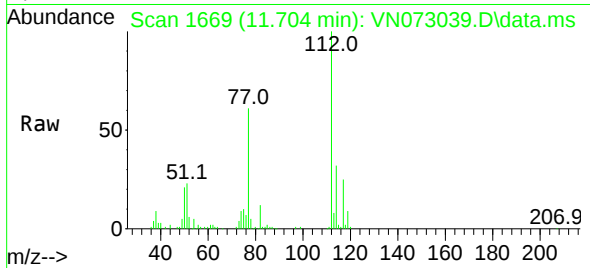
Tgt Ion:164 Resp: 48065
Ion Ratio Lower Upper
164 100
166 118.4 104.2 156.2
129 92.0 73.9 110.9
131 83.8 69.4 104.2





#65
Chlorobenzene
Concen: 20.456 ug/l
RT: 11.704 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

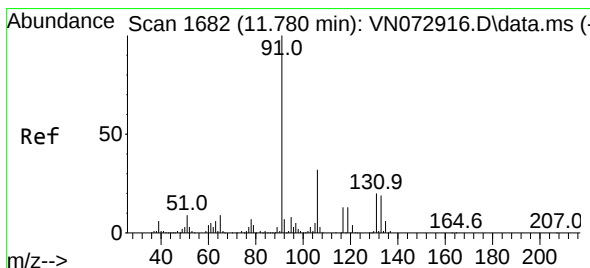
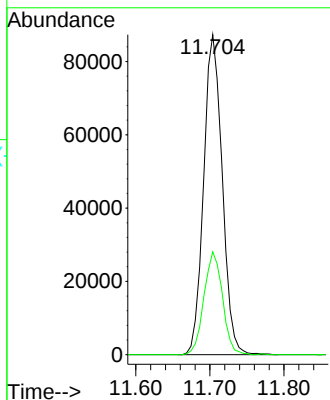
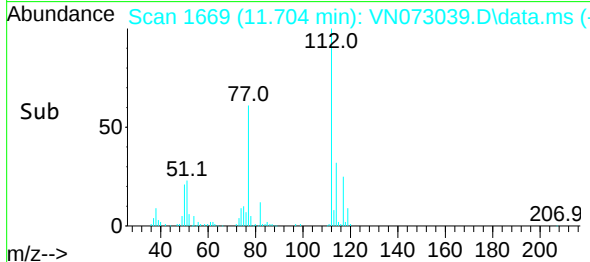
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



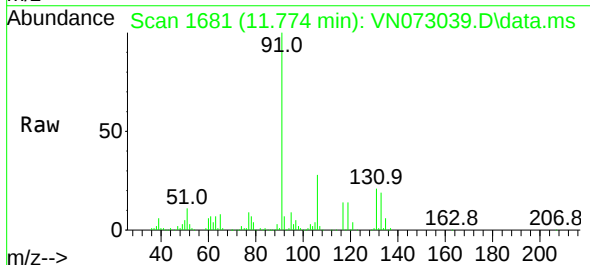
Tgt Ion:112 Resp: 15215
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2

Manual Integrations
APPROVED

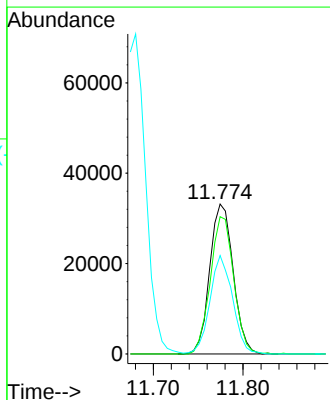
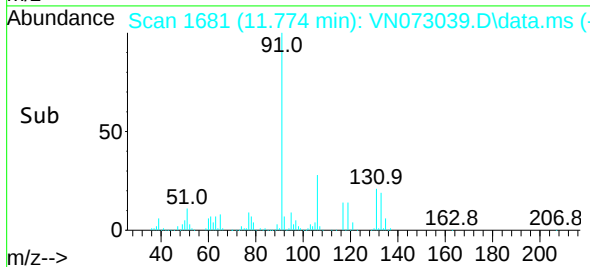
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 21.260 ug/l
RT: 11.774 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15



Tgt Ion:131 Resp: 60188
Ion Ratio Lower Upper
131 100
133 91.7 47.8 143.4
119 63.3 33.4 100.2





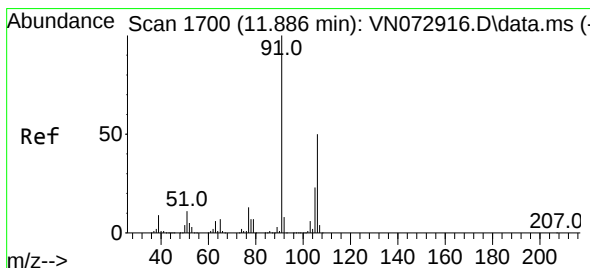
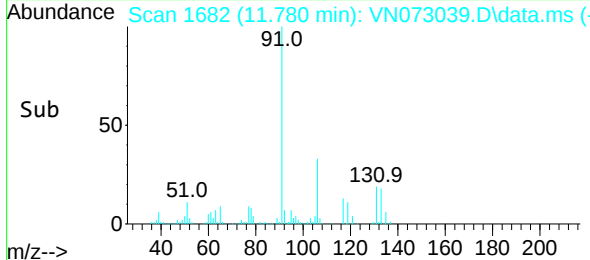
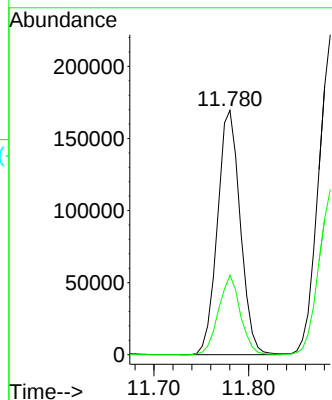
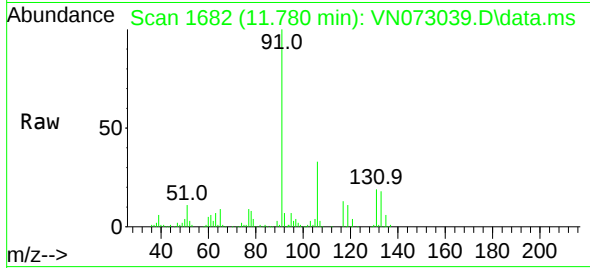
#67
Ethyl Benzene
Concen: 21.672 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

Tgt Ion: 91 Resp: 283768
Ion Ratio Lower Upper
91 100
106 32.5 24.9 37.3

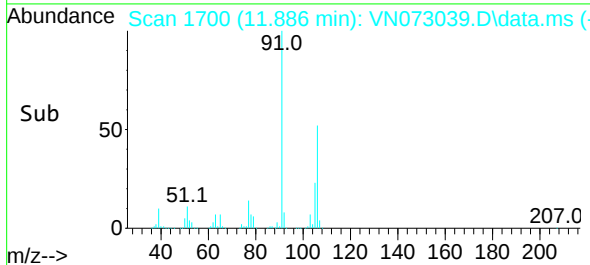
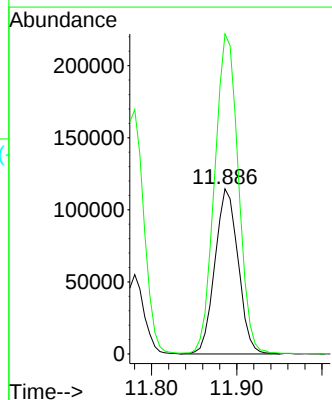
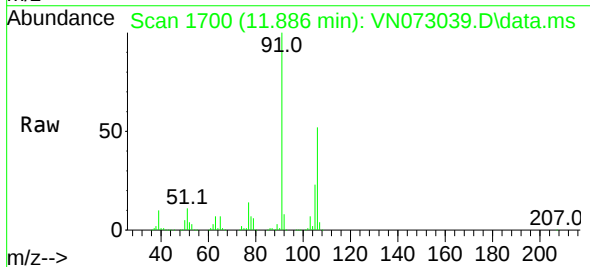
Manual Integrations
APPROVED

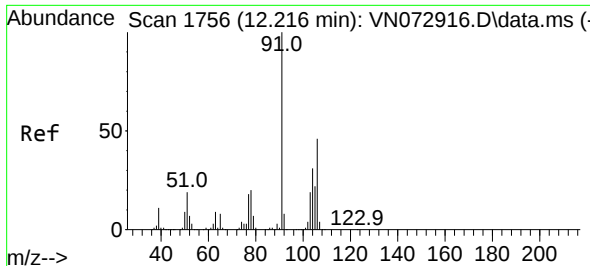
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#68
m/p-Xylenes
Concen: 42.265 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

Tgt Ion:106 Resp: 217056
Ion Ratio Lower Upper
106 100
91 198.8 158.9 238.3





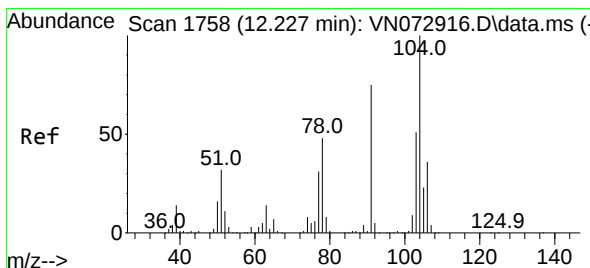
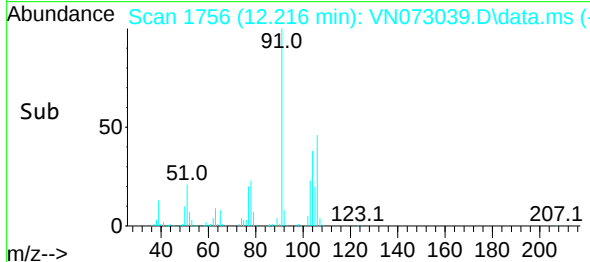
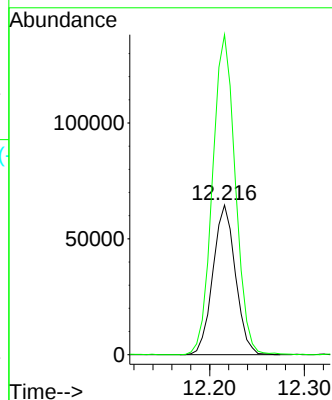
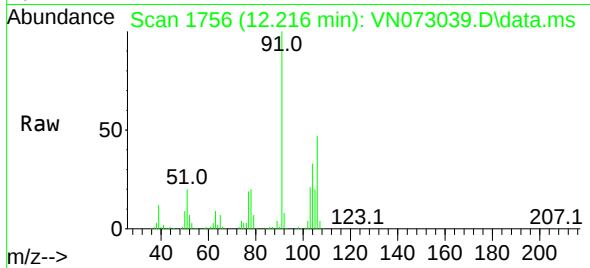
#69
o-Xylene
Concen: 20.746 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

Tgt Ion:106 Resp: 106463
Ion Ratio Lower Upper
106 100
91 217.4 106.0 318.0

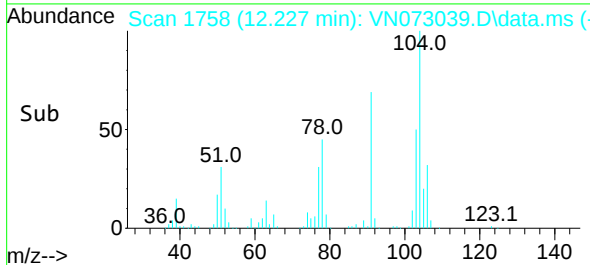
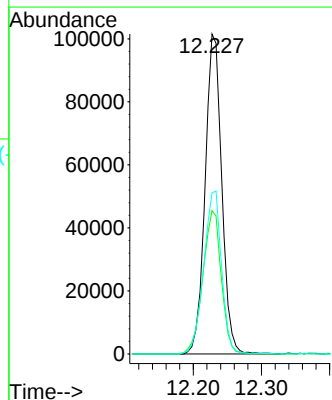
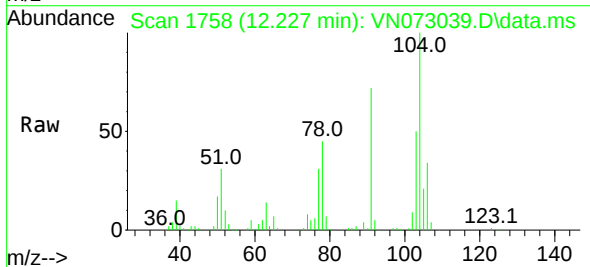
Manual Integrations
APPROVED

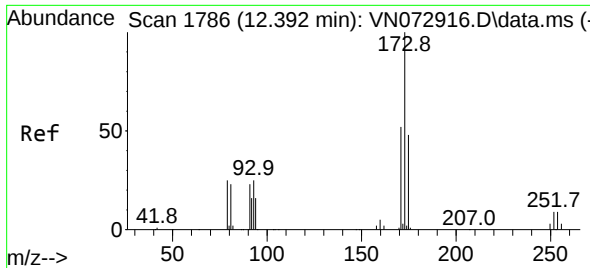
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#70
Styrene
Concen: 20.906 ug/l
RT: 12.227 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

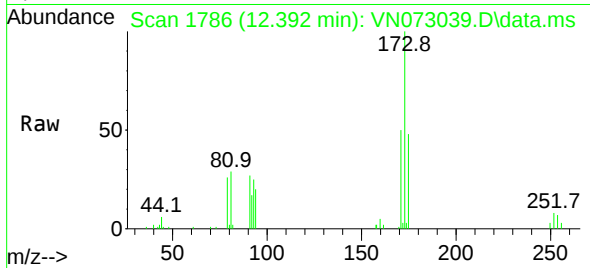
Tgt Ion:104 Resp: 172284
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 54.6 44.0 66.0





#71
Bromoform
Concen: 20.988 ug/l
RT: 12.392 min Scan# 1786
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

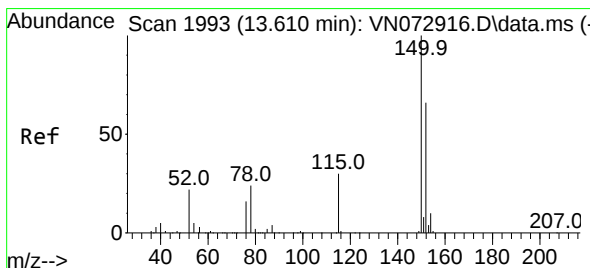
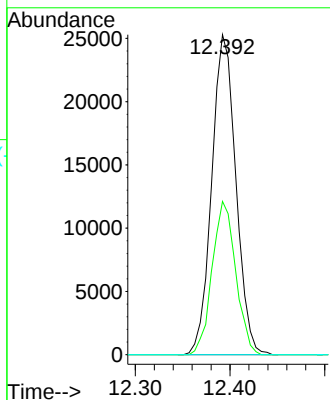
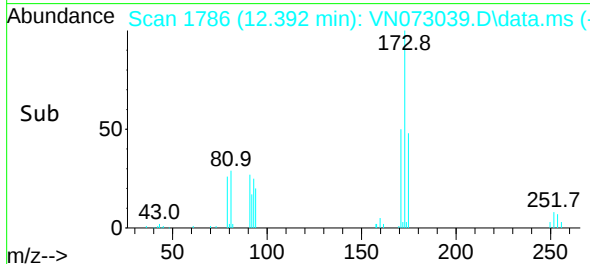
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



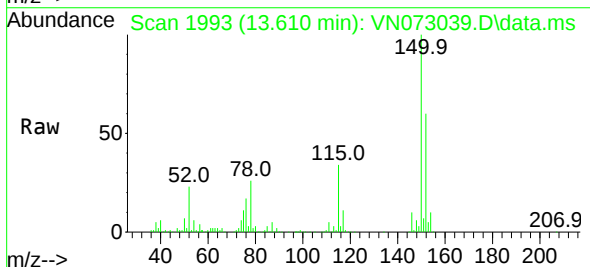
Tgt Ion:173 Resp: 44800
Ion Ratio Lower Upper
173 100
175 46.7 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

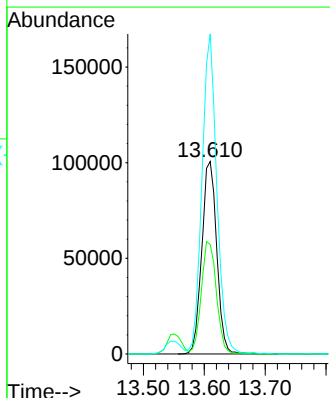
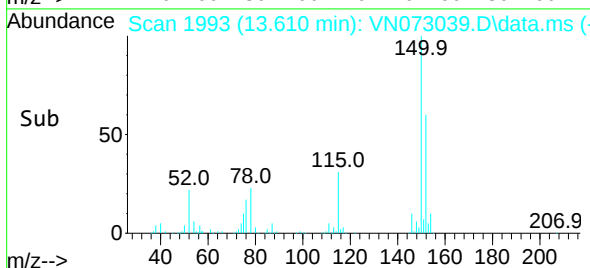
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

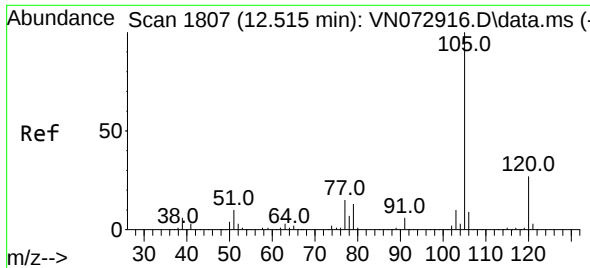


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15



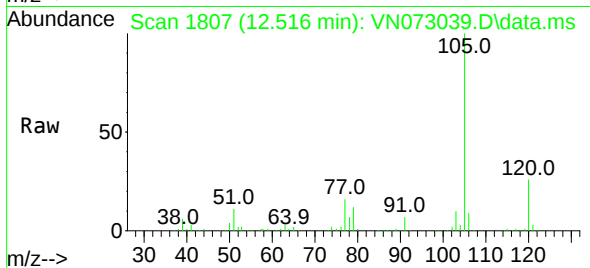
Tgt Ion:152 Resp: 171502
Ion Ratio Lower Upper
152 100
115 59.0 28.9 86.7
150 164.7 0.0 356.2





#73
Isopropylbenzene
Concen: 20.998 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

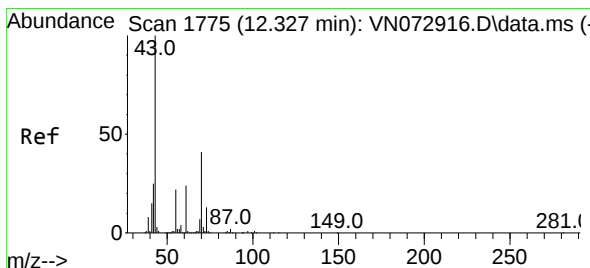
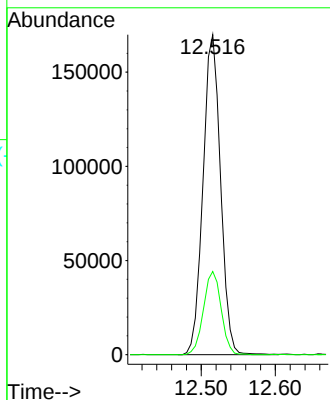
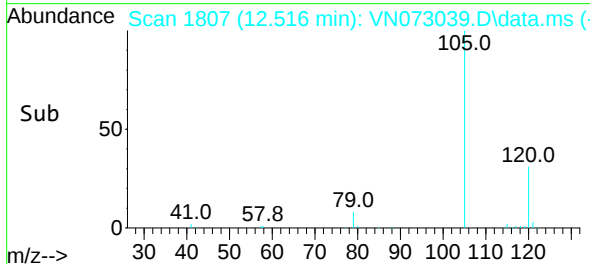
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



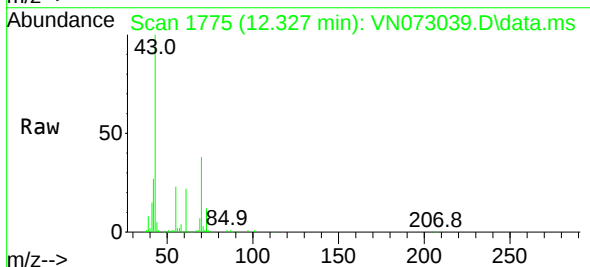
Tgt Ion:105 Resp: 27859
Ion Ratio Lower Upper
105 100
120 26.2 13.5 40.4

Manual Integrations
APPROVED

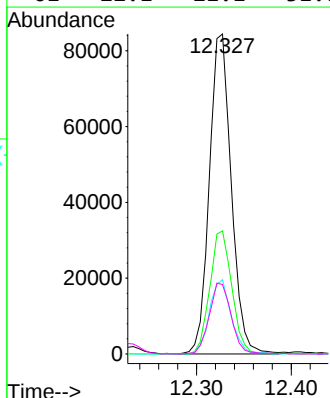
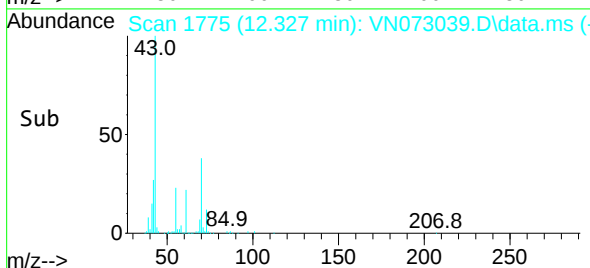
Reviewed By :John Carbone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

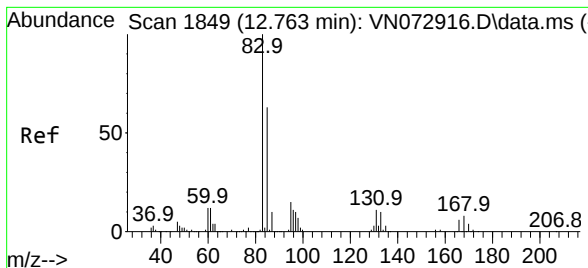


#74
N-ethyl acetate
Concen: 19.745 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15



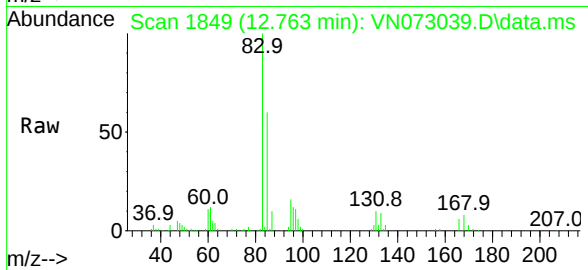
Tgt Ion: 43 Resp: 135947
Ion Ratio Lower Upper
43 100
70 38.6 39.0 58.4#
55 23.0 21.1 31.7
61 22.1 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.612 ug/l
RT: 12.763 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

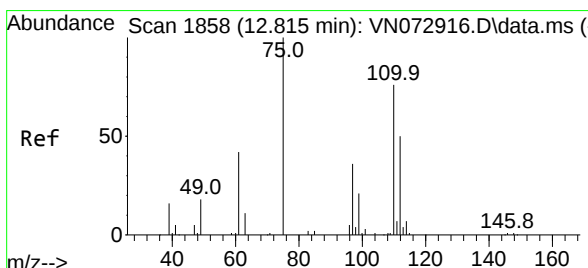
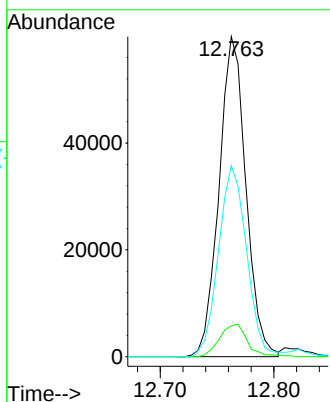
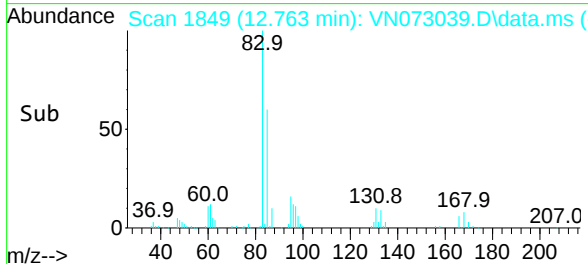
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



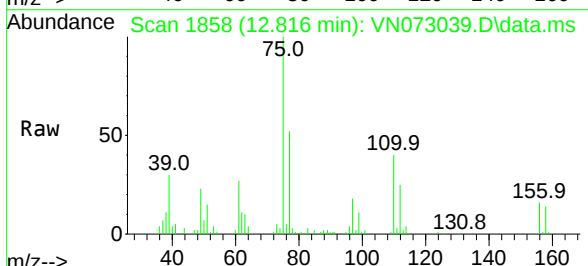
Tgt Ion: 83 Resp: 9849
Ion Ratio Lower Upper
83 100
131 10.4 5.3 15.9
85 62.6 32.3 96.9

Manual Integrations
APPROVED

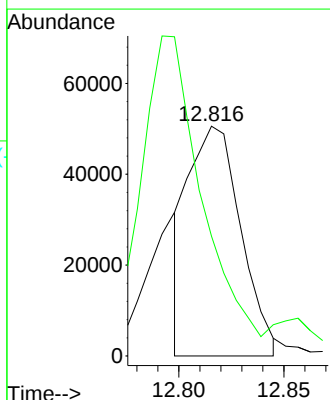
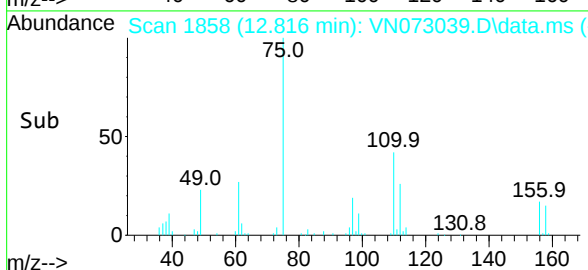
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

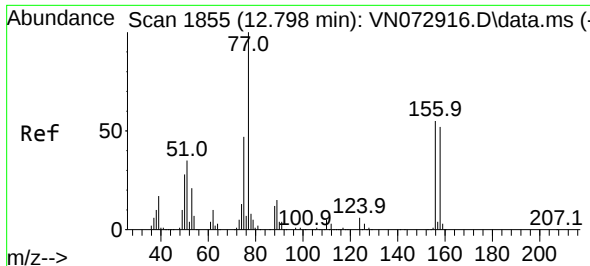


#76
1,2,3-Trichloropropane
Concen: 21.182 ug/l m
RT: 12.816 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15



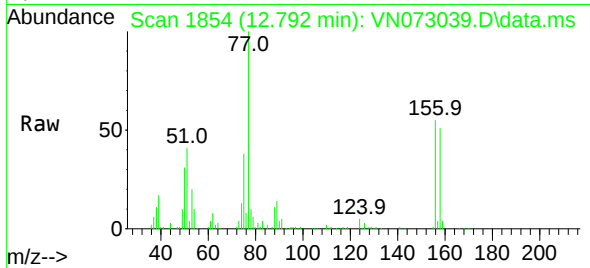
Tgt Ion: 75 Resp: 88077
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 20.588 ug/l
RT: 12.792 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

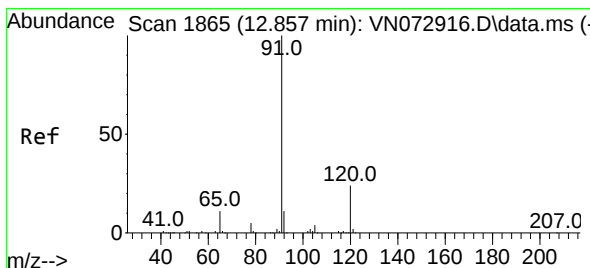
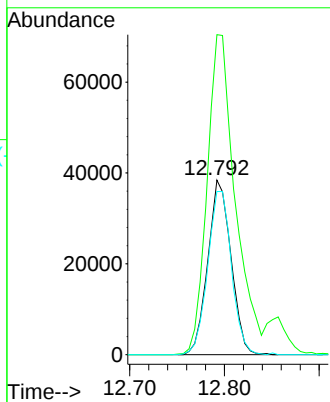
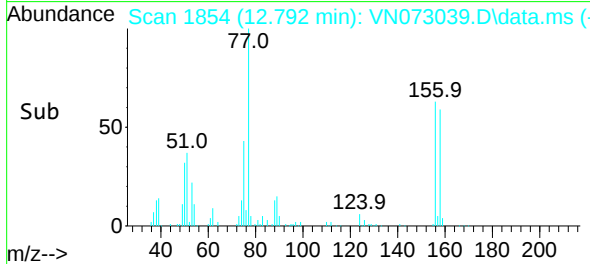
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



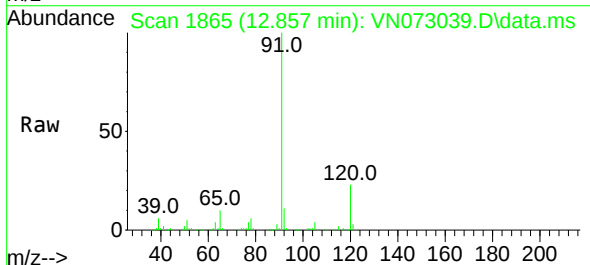
Tgt Ion:156 Resp: 65438
Ion Ratio Lower Upper
156 100
77 220.9 100.5 301.5
158 95.9 48.9 146.6

Manual Integrations
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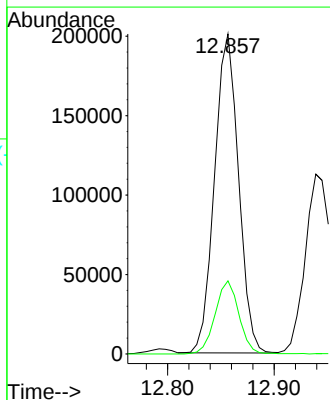
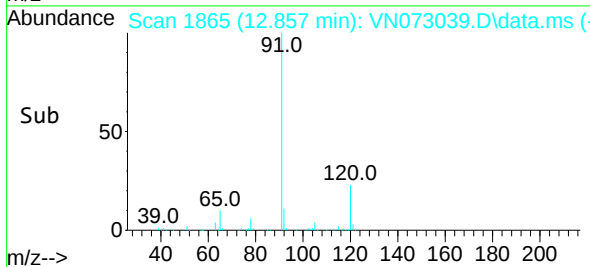
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

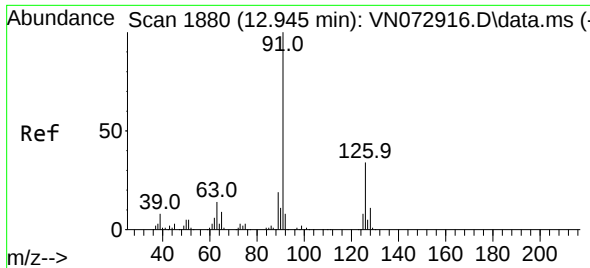


#78
n-propylbenzene
Concen: 21.474 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15



Tgt Ion: 91 Resp: 313392
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.5





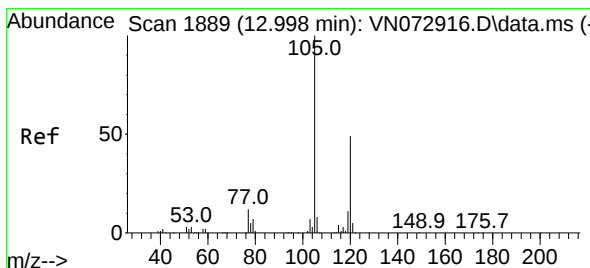
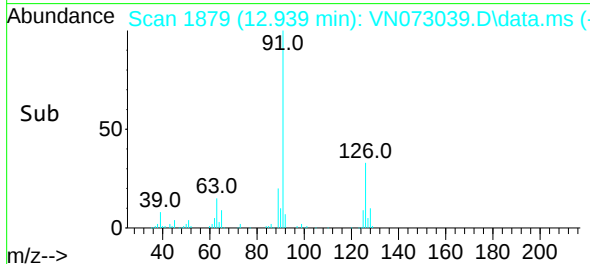
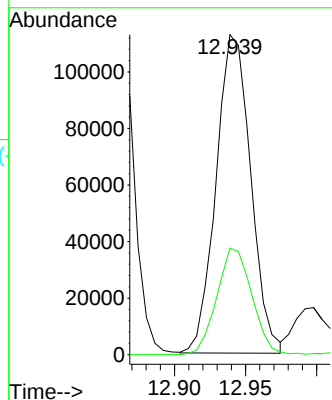
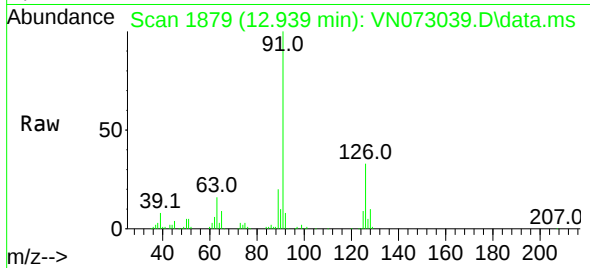
#79
2-Chlorotoluene
Concen: 20.238 ug/l
RT: 12.939 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

Tgt Ion: 91 Resp: 191250
Ion Ratio Lower Upper
91 100
126 33.8 17.3 51.9

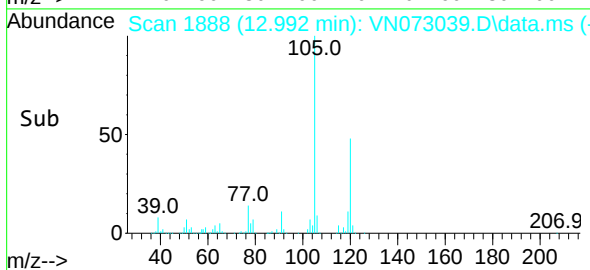
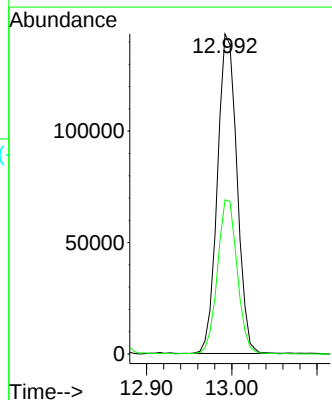
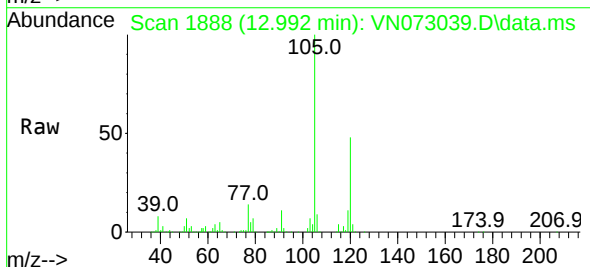
Manual Integrations
APPROVED

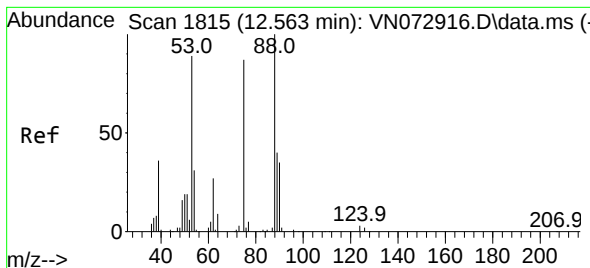
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 21.060 ug/l
RT: 12.992 min Scan# 1888
Delta R.T. -0.006 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

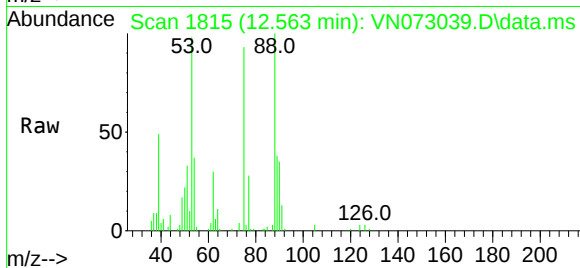
Tgt Ion:105 Resp: 229520
Ion Ratio Lower Upper
105 100
120 48.8 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 19.466 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

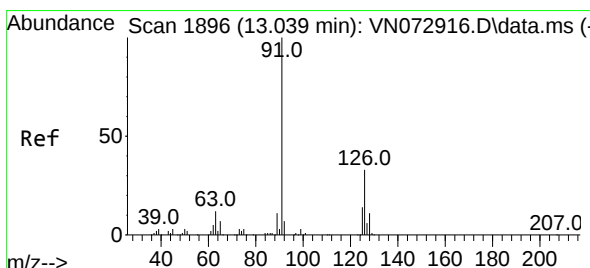
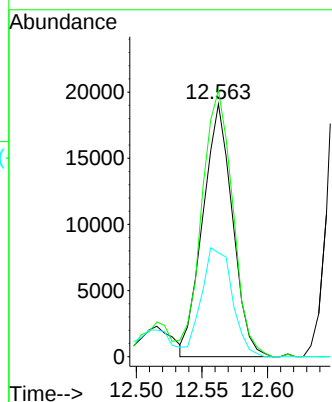
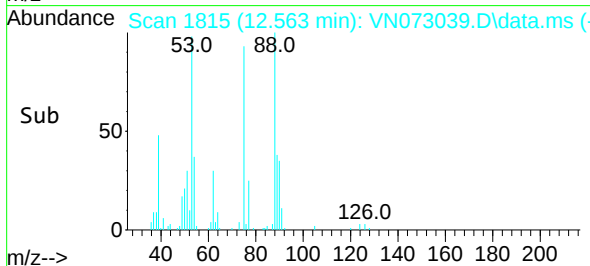
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



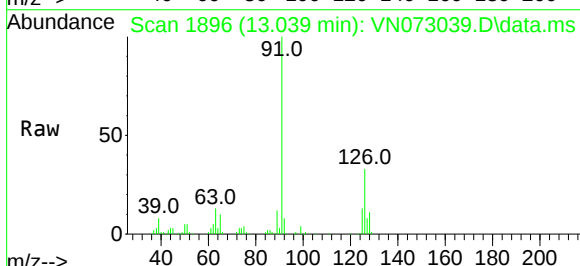
Tgt Ion: 75 Resp: 2997
Ion Ratio Lower Upper
75 100
53 111.2 78.0 117.0
89 45.3 37.2 55.8

Manual Integrations
APPROVED

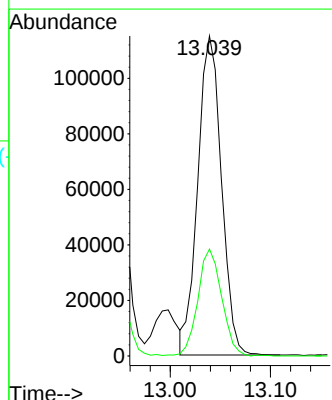
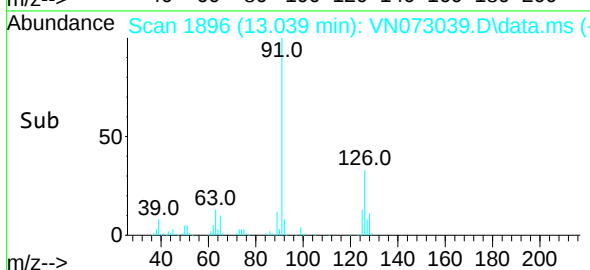
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#82
4-Chlorotoluene
Concen: 21.100 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15



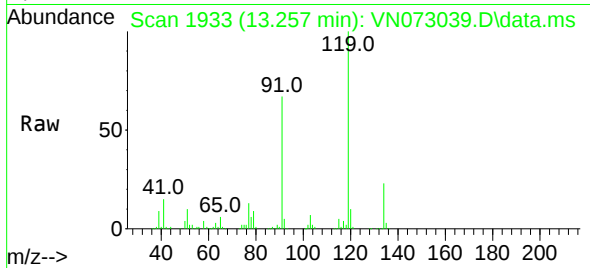
Tgt Ion: 91 Resp: 188663
Ion Ratio Lower Upper
91 100
126 33.8 17.2 51.6





#83
tert-Butylbenzene
Concen: 21.056 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

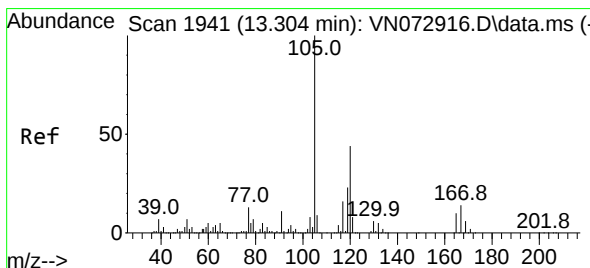
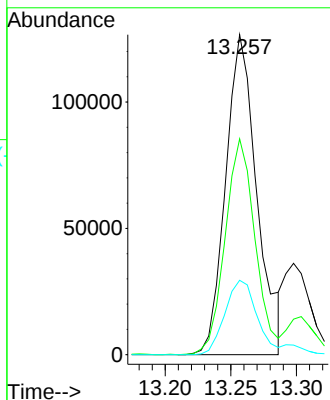
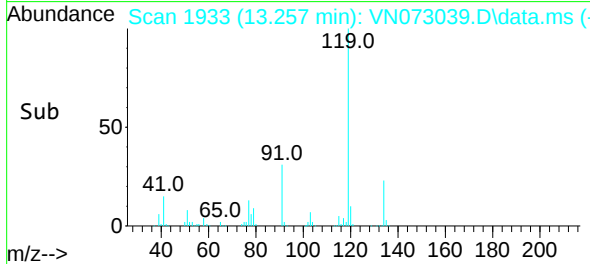
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



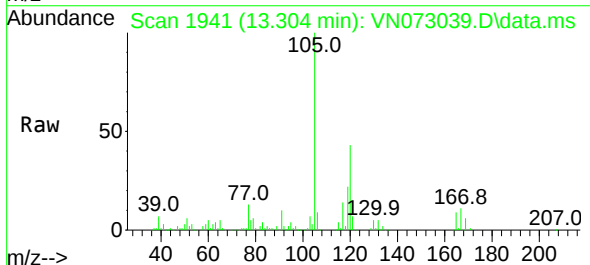
Tgt Ion:119 Resp: 21016
Ion Ratio Lower Upper
119 100
91 64.7 31.6 94.8
134 23.7 13.7 41.1

Manual Integrations
APPROVED

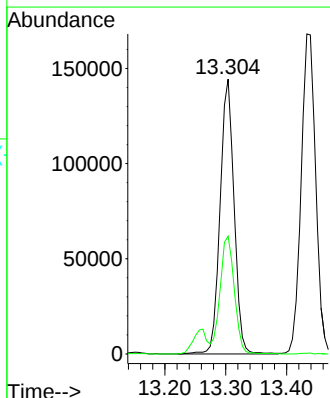
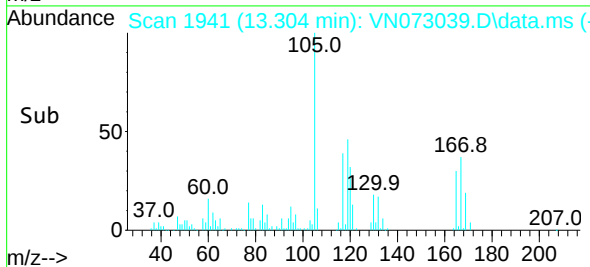
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

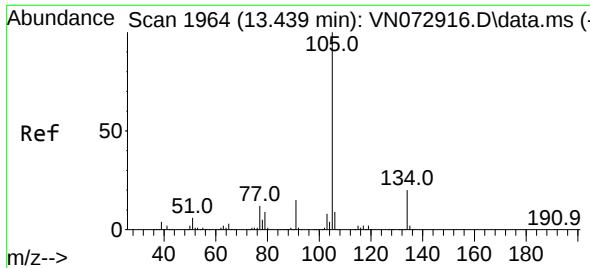


#84
1,2,4-Trimethylbenzene
Concen: 21.220 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15



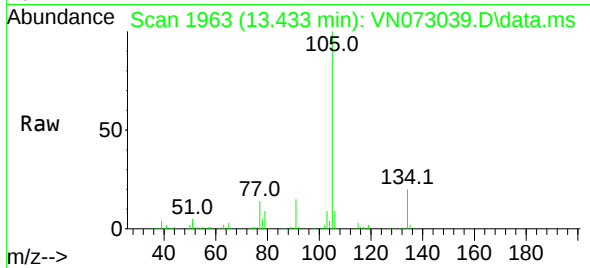
Tgt Ion:105 Resp: 230346
Ion Ratio Lower Upper
105 100
120 43.2 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 20.971 ug/l
 RT: 13.433 min Scan# 1963
 Delta R.T. -0.006 min
 Lab File: VN073039.D
 Acq: 23 Jun 2022 11:15

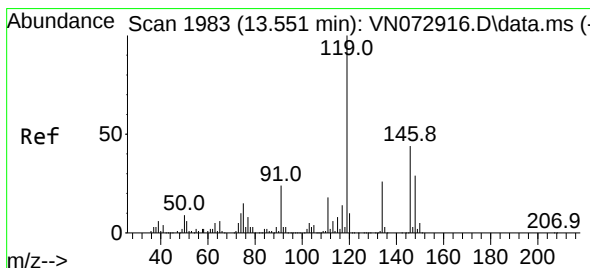
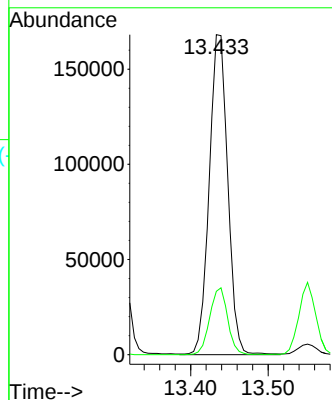
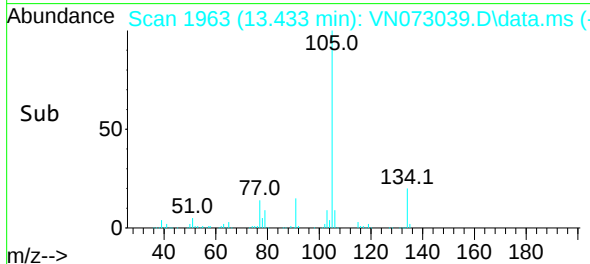
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBS01



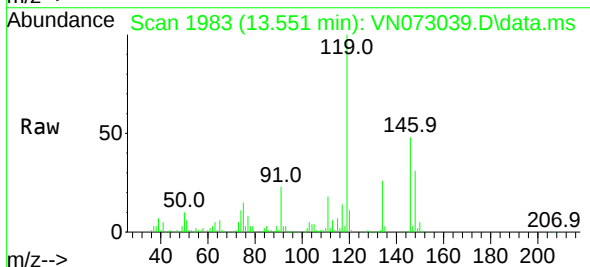
Tgt Ion:105 Resp: 279224
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.4 31.1

Manual Integrations
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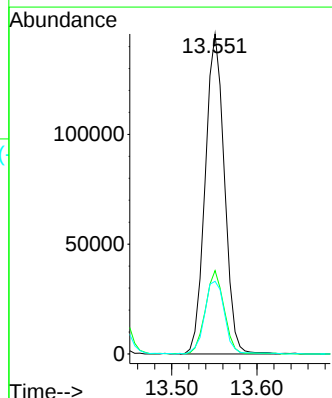
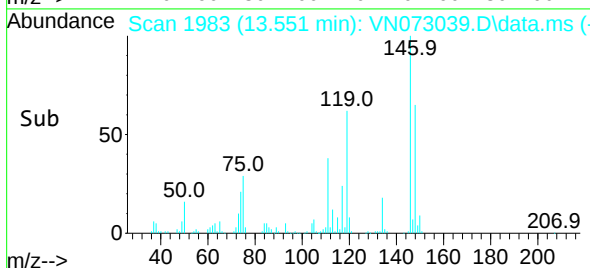
Reviewed By :John Carlone 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022

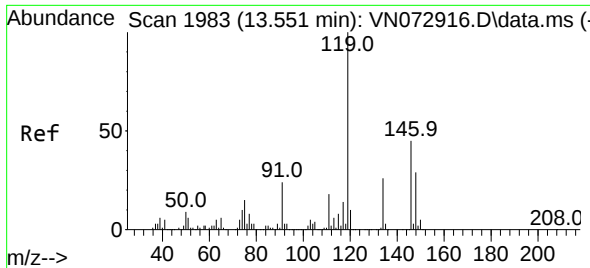


#86
 p-Isopropyltoluene
 Concen: 21.172 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN073039.D
 Acq: 23 Jun 2022 11:15



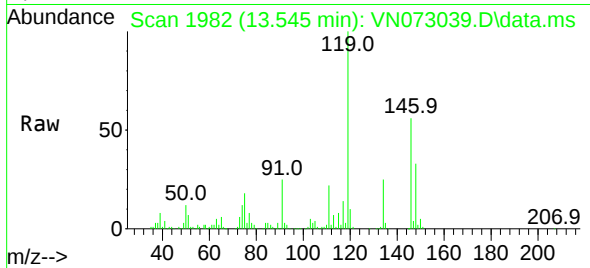
Tgt Ion:119 Resp: 228236
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.3 39.8
 91 23.7 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 20.733 ug/l
RT: 13.545 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

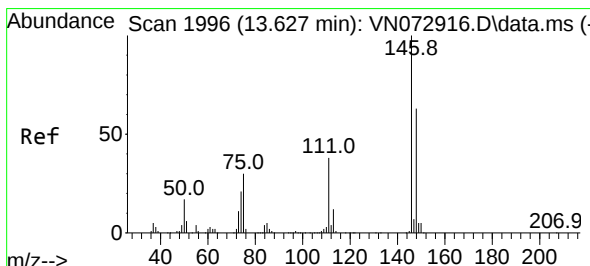
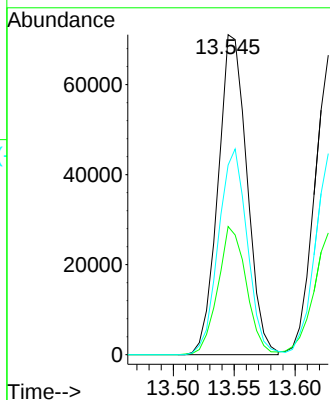
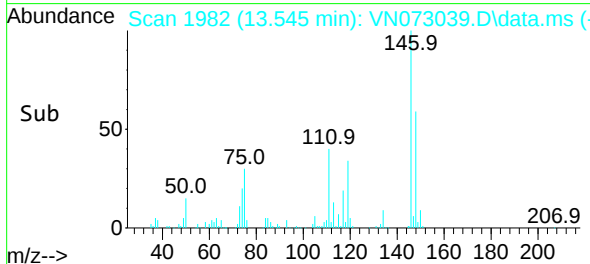
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



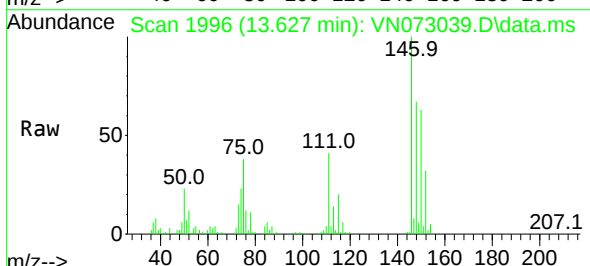
Tgt Ion:146 Resp: 11765
Ion Ratio Lower Upper
146 100
111 39.5 20.0 60.0
148 64.1 32.0 96.0

Manual Integrations
APPROVED

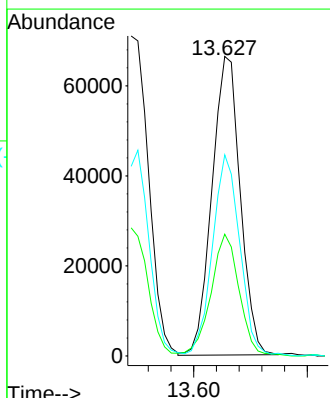
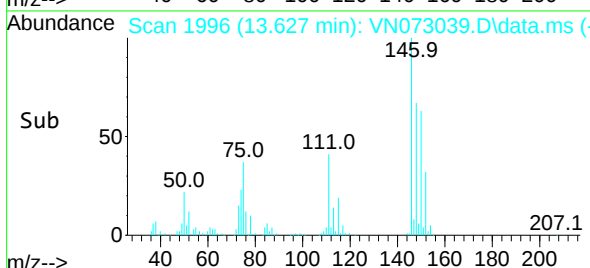
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

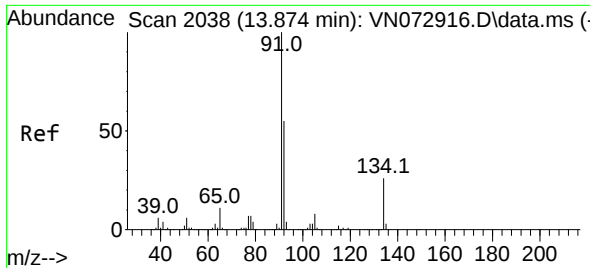


#88
1,4-Dichlorobenzene
Concen: 20.015 ug/l
RT: 13.627 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15



Tgt Ion:146 Resp: 114955
Ion Ratio Lower Upper
146 100
111 40.8 19.1 57.1
148 65.4 31.4 94.3





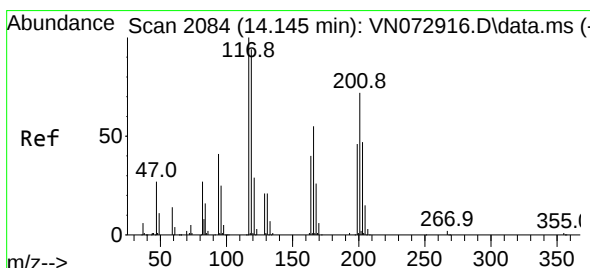
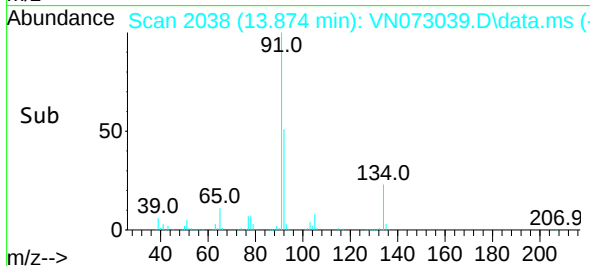
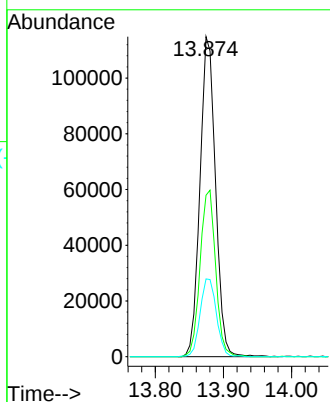
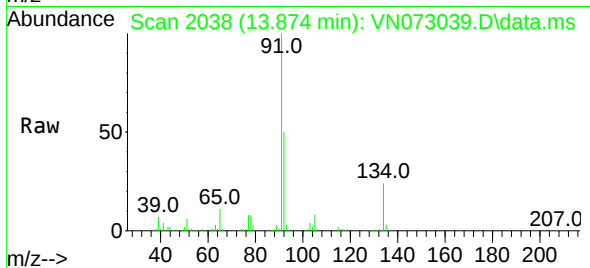
#89
n-Butylbenzene
Concen: 20.665 ug/l
RT: 13.874 min Scan# 2038
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

Tgt Ion: 91 Resp: 18190
Ion Ratio Lower Upper
91 100
92 52.1 26.9 80.7
134 25.5 13.6 40.8

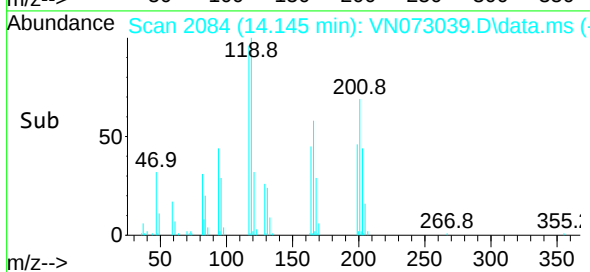
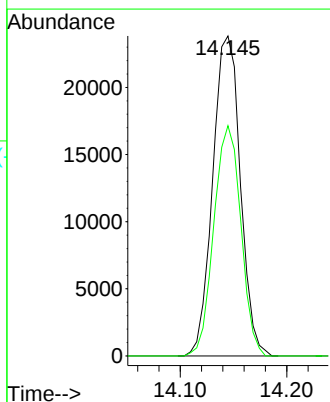
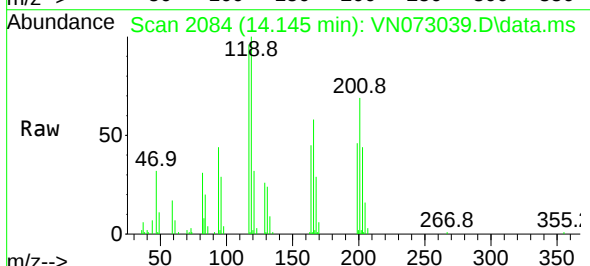
Manual Integrations
APPROVED

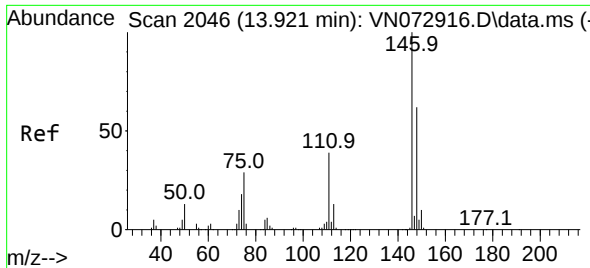
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#90
Hexachloroethane
Concen: 21.104 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

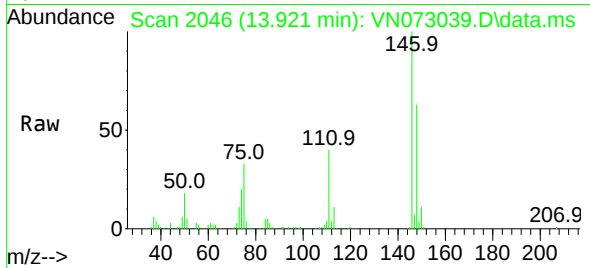
Tgt Ion:117 Resp: 42890
Ion Ratio Lower Upper
117 100
201 70.3 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 21.067 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

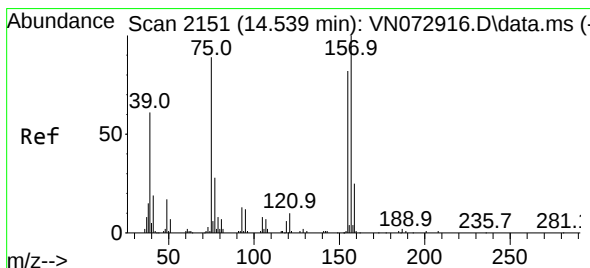
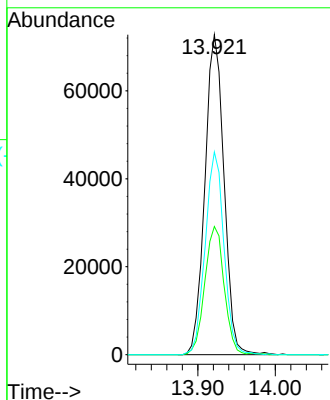
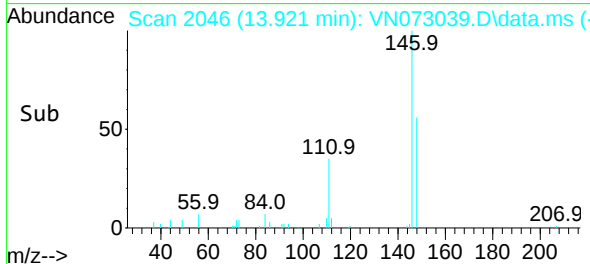
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



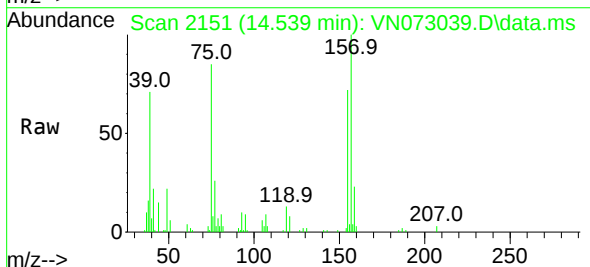
Tgt Ion:146 Resp: 124675
Ion Ratio Lower Upper
146 100
111 40.8 20.9 62.8
148 62.3 32.1 96.3

Manual Integrations
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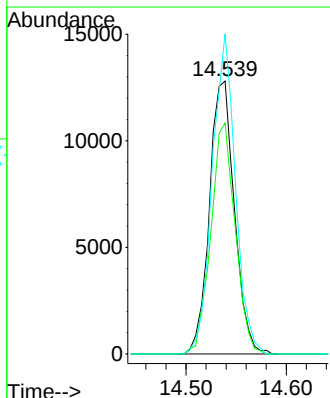
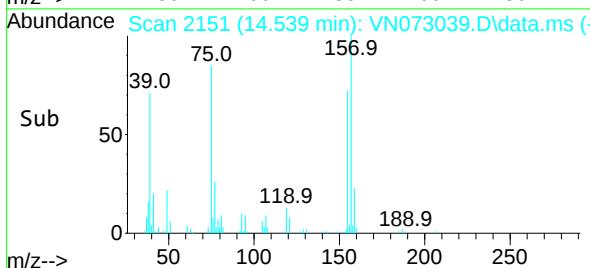
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

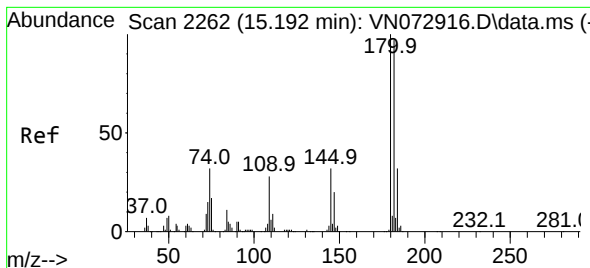


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.330 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15



Tgt Ion: 75 Resp: 22151
Ion Ratio Lower Upper
75 100
155 82.4 44.9 134.5
157 108.6 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 18.497 ug/l

RT: 15.192 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN073039.D

Acq: 23 Jun 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBS01

Tgt Ion:180 Resp: 6058

Ion Ratio Lower Upper

180 100

182 94.7 47.5 142.5

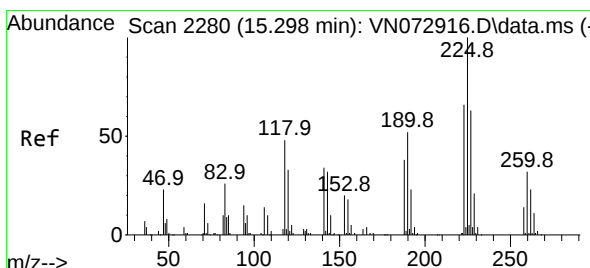
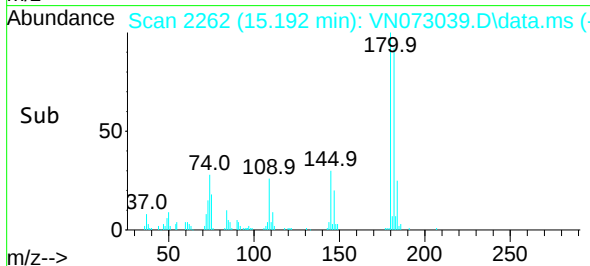
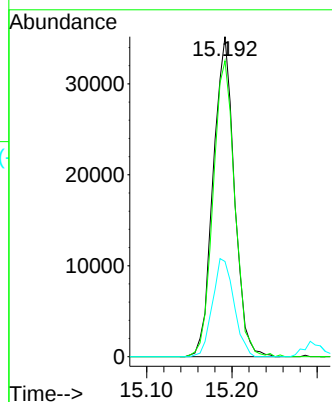
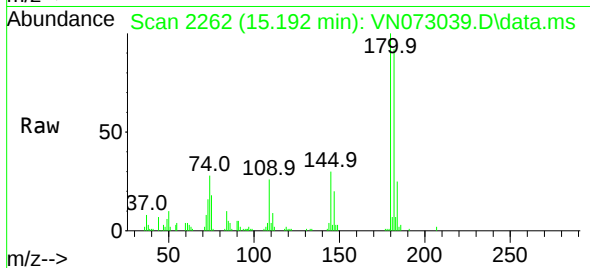
145 31.1 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#94

Hexachlorobutadiene

Concen: 18.776 ug/l

RT: 15.292 min Scan# 2279

Delta R.T. -0.006 min

Lab File: VN073039.D

Acq: 23 Jun 2022 11:15

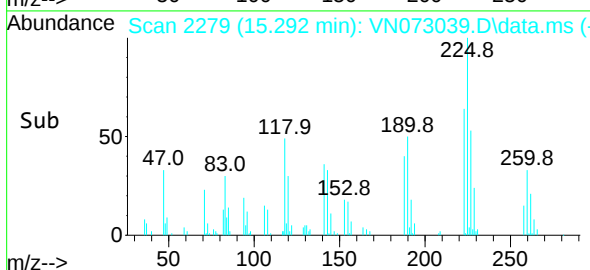
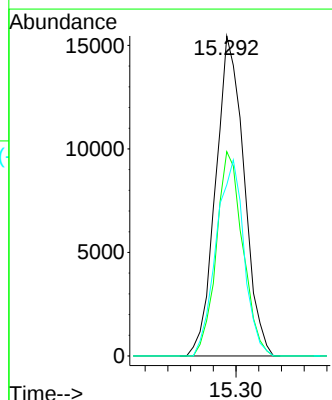
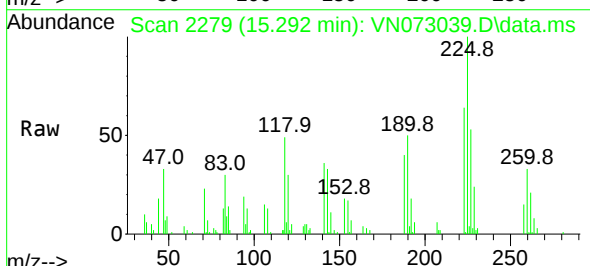
Tgt Ion:225 Resp: 26760

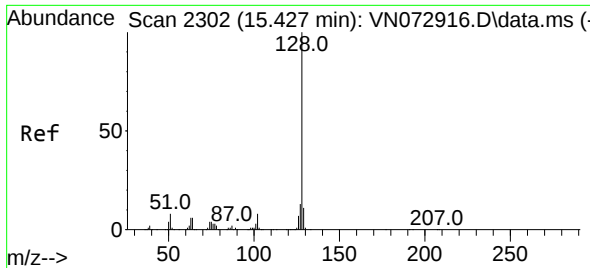
Ion Ratio Lower Upper

225 100

223 59.7 32.4 97.2

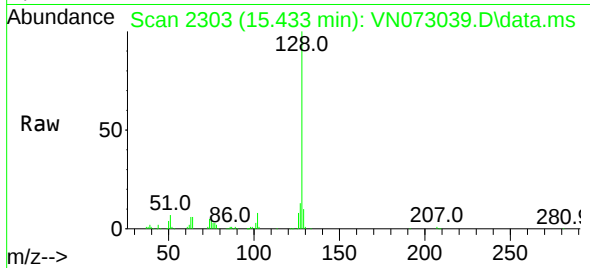
227 60.3 31.8 95.4





#95
Naphthalene
Concen: 16.860 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15

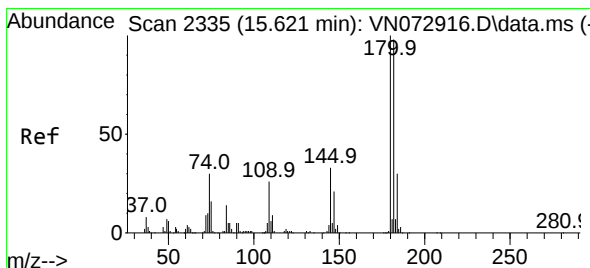
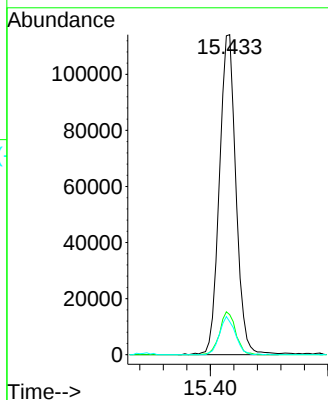
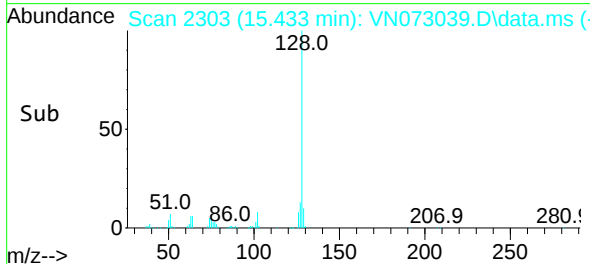
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



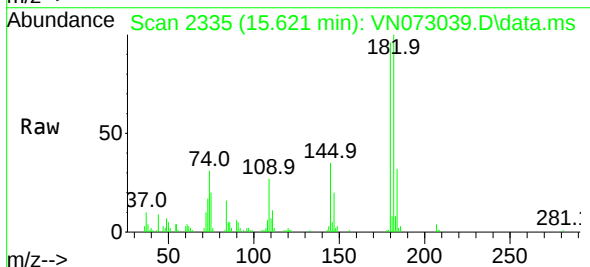
Tgt Ion:128 Resp: 223378
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 17.594 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VN073039.D
Acq: 23 Jun 2022 11:15



Tgt Ion:180 Resp: 61531
Ion Ratio Lower Upper
180 100
182 96.5 47.8 143.3
145 34.0 15.5 46.5

