

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072722\
 Data File : VN073610.D
 Acq On : 27 Jul 2022 16:27
 Operator : JC\MD
 Sample : VN0727WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2022
 Supervised By : Mahesh Dadoda 07/28/2022

Quant Time: Jul 28 02:14:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.587	128	48329	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	231041	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	223093	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	128788	30.821	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.733%
60) 4-Bromofluorobenzene	12.675	95	114597	29.010	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.700%
63) Toluene-d8	10.381	98	371636	29.584	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	49332	15.018	ug/l	97
3) Chloromethane	2.269	50	81302	18.719	ug/l	97
4) Vinyl Chloride	2.405	62	87827	16.476	ug/l	100
5) Bromomethane	2.805	94	59761	22.068	ug/l	99
6) Chloroethane	2.969	64	61669	17.076	ug/l	98
7) Trichlorofluoromethane	3.316	101	99615	18.999	ug/l	98
8) Diethyl Ether	3.769	74	41987	19.901	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.146	101	48673	15.398	ug/l #	68
10) 1,1-Dichloroethene	4.110	96	47843	15.812	ug/l	93
11) Methyl Iodide	4.352	142	52158	14.944	ug/l	93
12) Methyl Acetate	4.775	43	111693	21.721	ug/l	100
13) Acrolein	3.981	56	91002	100.669	ug/l	97
14) Acrylonitrile	5.475	53	253694	106.896	ug/l	97
15) Acetone	4.222	58	71883	108.950	ug/l	87
16) Carbon Disulfide	4.457	76	131197	15.867	ug/l	99
17) Allyl chloride	4.757	41	90624	17.956	ug/l	84
18) Methylene Chloride	5.016	84	77077	20.104	ug/l	99
19) trans-1,2-Dichloroethene	5.516	96	56700	16.902	ug/l	94
20) Diisopropyl ether	6.410	45	212870	19.389	ug/l	96
21) 1,1-Dichloroethane	6.304	63	118734	18.327	ug/l	98
22) cis-1,2-Dichloroethene	7.245	96	74377	18.430	ug/l	94
23) tert-Butyl Alcohol	5.287	59	90554	107.967	ug/l #	100
24) Methyl tert-Butyl Ether	5.534	73	218992	20.538	ug/l	93
25) Chloroform	7.745	83	125746	18.804	ug/l	97
26) Cyclohexane	8.022	56	82838	14.824	ug/l #	100
29) 1,1-Dichloropropene	8.151	75	75680	17.531	ug/l	97
30) 2-Butanone	7.263	43	350823	117.557	ug/l	100
31) 2,2-Dichloropropane	7.245	77	74938	16.636	ug/l	99
32) 1,1,1-Trichloroethane	7.945	97	93794	18.771	ug/l	98
33) Carbon Tetrachloride	8.134	117	74321	17.346	ug/l	99
34) Benzene	8.392	78	279567	20.013	ug/l	99
35) Methacrylonitrile	7.563	41	51369	21.205	ug/l	92
36) 1,2-Dichloroethane	8.469	62	105467	22.895	ug/l	97
37) Trichloroethene	9.151	130	63705	18.536	ug/l	100
38) Methylcyclohexane	9.398	83	84854	15.834	ug/l	94
39) 1,2-Dichloropropane	9.428	63	74884	21.248	ug/l	99
40) Dibromomethane	9.516	93	53399	22.329	ug/l	88
41) Bromodichloromethane	9.698	83	98434	21.027	ug/l	93
42) Vinyl Acetate	6.351	43	956793	111.264	ug/l	97

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 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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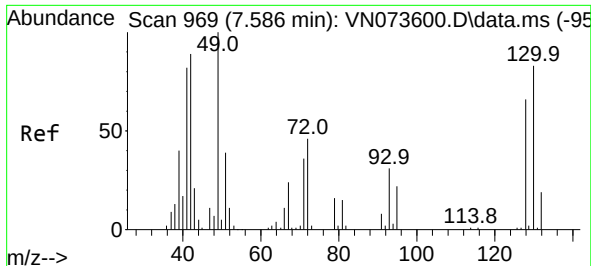
Manual Integrations
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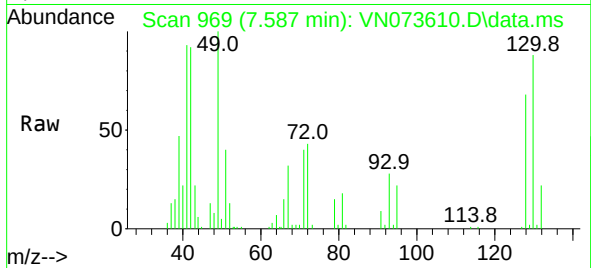
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.340	43	141218	24.927	ug/l	98
44) Isopropyl Acetate	8.492	43	180903	22.962	ug/l	97
45) 1,4-Dioxane	9.504	88	46190	491.695	ug/l	95
46) Methyl methacrylate	9.498	41	83989	23.839	ug/l	85
47) n-amyl Acetate	12.333	43	128964	20.533	ug/l	92
48) t-1,3-Dichloropropene	10.663	75	98170	20.370	ug/l	96
49) cis-1,3-Dichloropropene	10.128	75	107427	20.076	ug/l	92
50) 1,1,2-Trichloroethane	10.839	97	79592	22.184	ug/l	98
51) Ethyl methacrylate	10.704	69	116298	21.561	ug/l	85
52) 1,3-Dichloropropane	10.986	76	133393	22.058	ug/l	100
53) Dibromochloromethane	11.181	129	77683	21.365	ug/l	99
54) 1,2-Dibromoethane	11.286	107	80898	22.126	ug/l	97
55) 2-Chloroethyl vinyl ether	9.981	63	265064	109.566	ug/l	100
56) Bromoform	12.398	173	59567	20.848	ug/l #	100
58) 4-Methyl-2-Pentanone	10.269	43	668287	115.850	ug/l	95
59) 2-Hexanone	11.028	43	515515	116.025	ug/l	95
61) Tetrachloroethene	10.916	164	63055	18.452	ug/l	91
62) Toluene	10.445	91	298794	19.260	ug/l	98
64) Chlorobenzene	11.710	112	180393	19.461	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.780	131	69937	20.326	ug/l	98
66) Ethyl Benzene	11.786	91	296654	17.886	ug/l	98
67) m/p-Xylenes	11.892	106	233112	36.772	ug/l	97
68) o-Xylene	12.222	106	118250	18.780	ug/l	98
69) Styrene	12.233	104	194396	18.731	ug/l	96
70) Isopropylbenzene	12.522	105	283272	17.597	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.769	83	126942	22.426	ug/l	96
72) 1,2,3-Trichloropropane	12.822	75	110871m	23.453	ug/l	
73) Bromobenzene	12.804	156	77208	19.308	ug/l	100
74) n-propylbenzene	12.863	91	317720	16.959	ug/l	100
75) 2-Chlorotoluene	12.945	91	204208	18.184	ug/l	99
76) 1,3,5-Trimethylbenzene	12.998	105	240375	17.827	ug/l	96
77) t-1,4-Dichloro-2-butene	12.569	75	34055	19.767	ug/l	92
78) 4-Chlorotoluene	13.045	91	192354	17.830	ug/l	100
79) tert-butylbenzene	13.263	119	201264	17.265	ug/l	94
80) 1,2,4-Trimethylbenzene	13.310	105	240832m	18.032	ug/l	
81) sec-Butylbenzene	13.439	105	278564	16.642	ug/l	99
82) p-Isopropyltoluene	13.557	119	224727	16.353	ug/l	97
83) 1,3-Dichlorobenzene	13.557	146	132092	18.046	ug/l	97
84) 1,4-Dichlorobenzene	13.633	146	125184	17.729	ug/l	96
85) n-Butylbenzene	13.886	91	164463	14.764	ug/l	99
86) Hexachloroethane	14.151	117	42742	16.960	ug/l	87
87) 1,2-Dichlorobenzene	13.927	146	139173	18.806	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.545	75	26195	21.187	ug/l	82
89) 1,2,4-Trichlorobenzene	15.198	180	64679	15.880	ug/l	97
90) Hexachlorobutadiene	15.304	225	32828	15.913	ug/l	96
91) Naphthalene	15.433	128	247990	18.543	ug/l	99
92) 1,2,3-Trichlorobenzene	15.627	180	73047	17.458	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 969
Delta R.T. 0.001 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

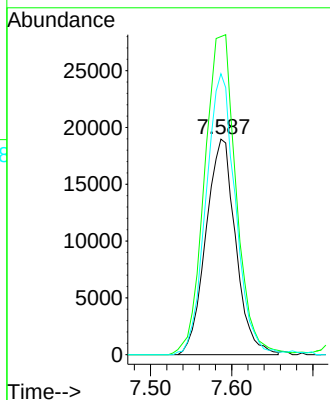
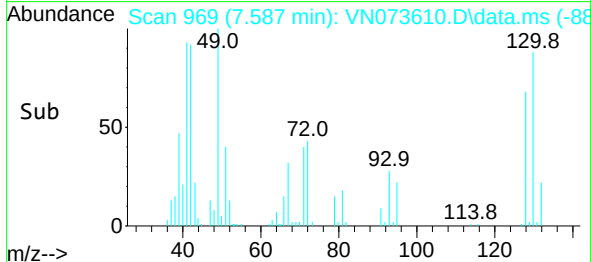
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



Tgt Ion:128 Resp: 48329
Ion Ratio Lower Upper
128 100
49 157.4 0.0 392.3
130 129.0 0.0 320.2

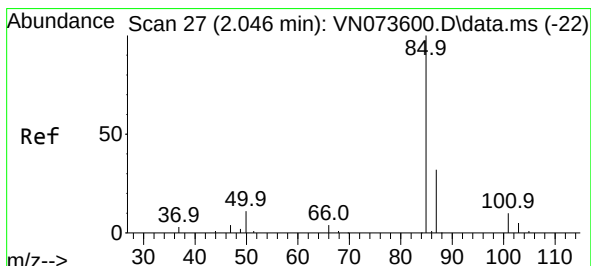
Manual Integrations
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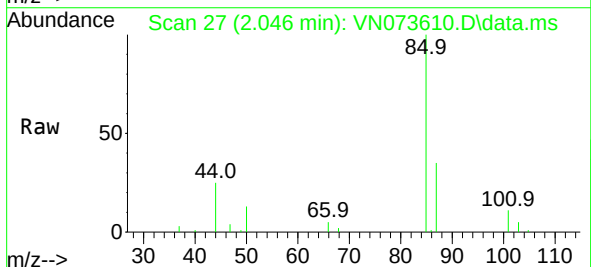


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Dadoda

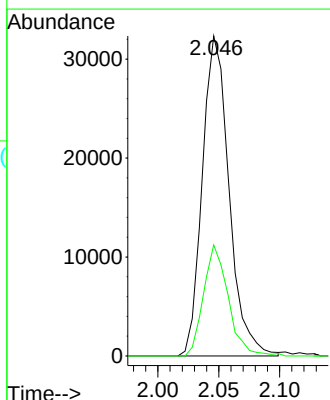
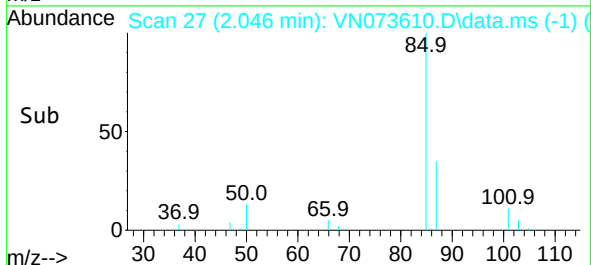
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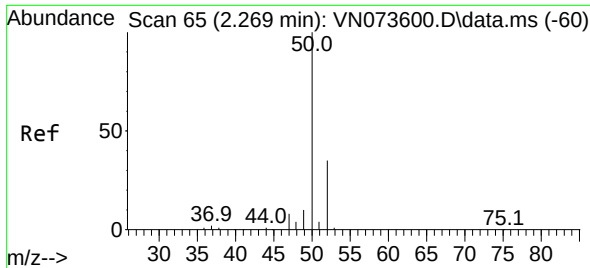


#2
Dichlorodifluoromethane
Concen: 15.018 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27



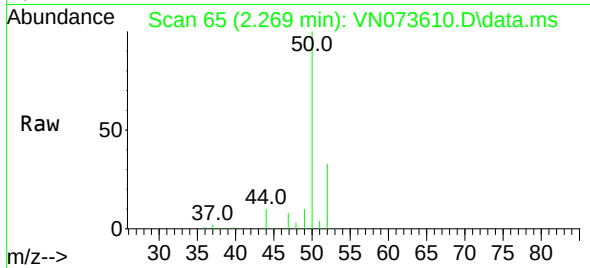
Tgt Ion: 85 Resp: 49332
Ion Ratio Lower Upper
85 100
87 34.7 16.6 49.7





#3
Chloromethane
Concen: 18.719 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

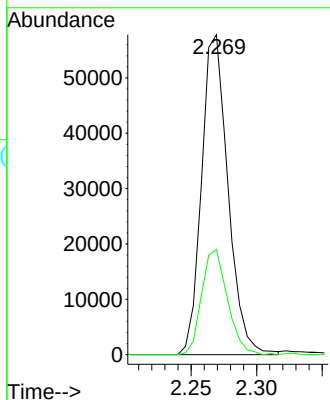
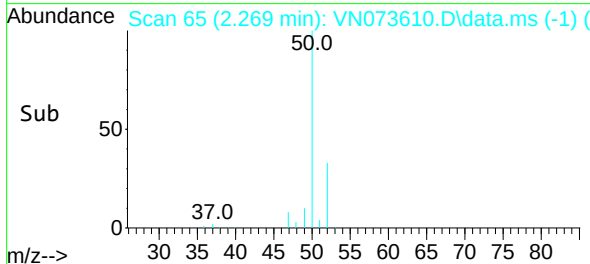
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



Tgt Ion: 50 Resp: 81302
Ion Ratio Lower Upper
50 100
52 32.9 27.8 41.6

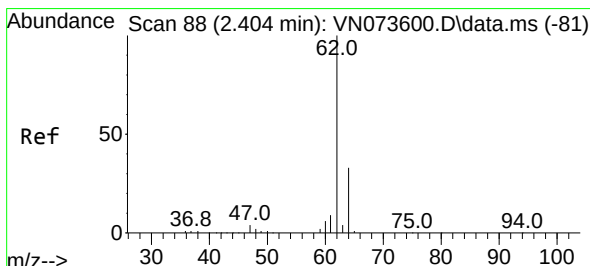
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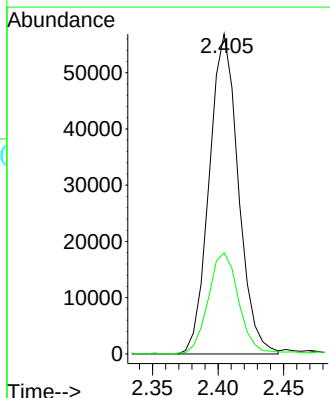
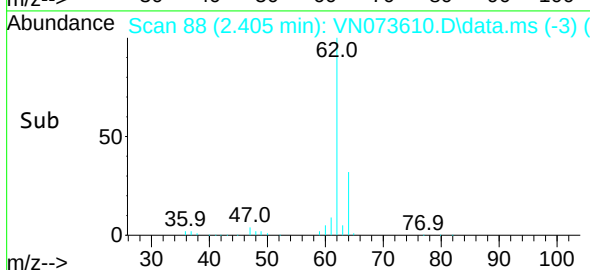
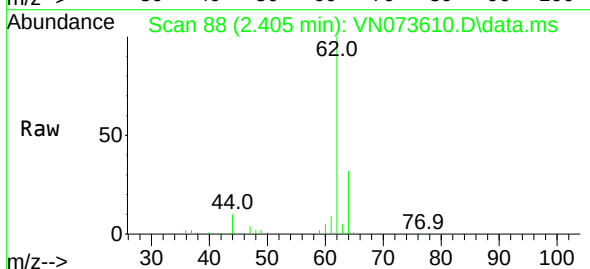
07/28/2022
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Dadoda

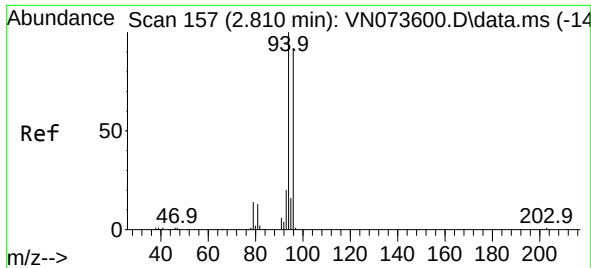
07/28/2022



#4
Vinyl Chloride
Concen: 16.476 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

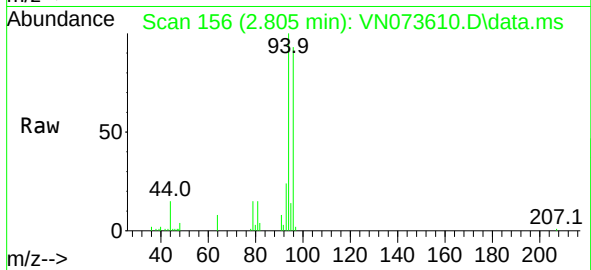
Tgt Ion: 62 Resp: 87827
Ion Ratio Lower Upper
62 100
64 31.3 25.1 37.7





#5
Bromomethane
Concen: 22.068 ug/l
RT: 2.805 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

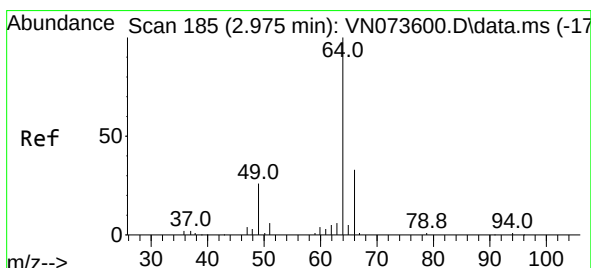
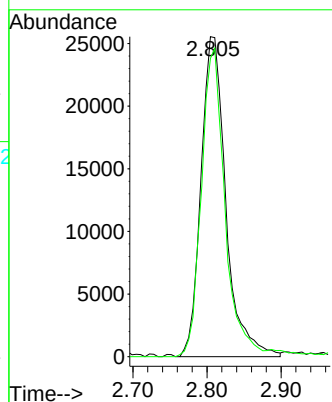
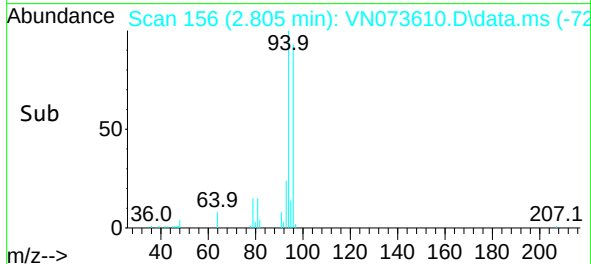
Instrument :
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ClientSampleId :
VN0727WBSD01



Tgt Ion: 94 Resp: 5976
Ion Ratio Lower Upper
94 100
96 92.6 75.2 112.8

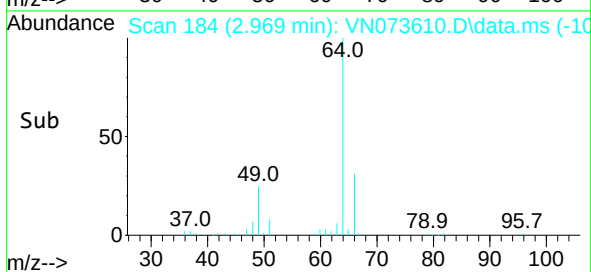
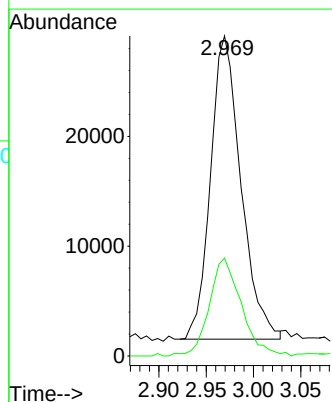
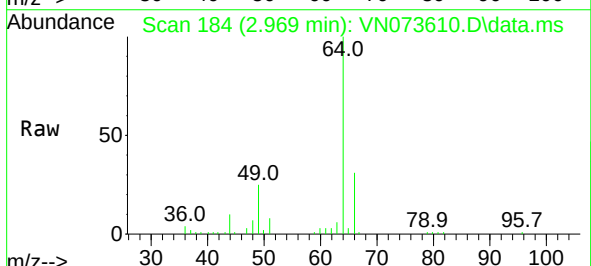
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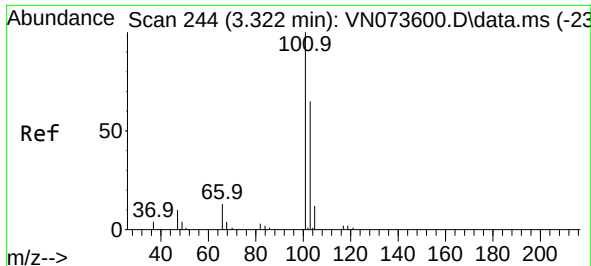
Reviewed By :John Carlone 07/28/2022
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#6
Chloroethane
Concen: 17.076 ug/l
RT: 2.969 min Scan# 184
Delta R.T. -0.006 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

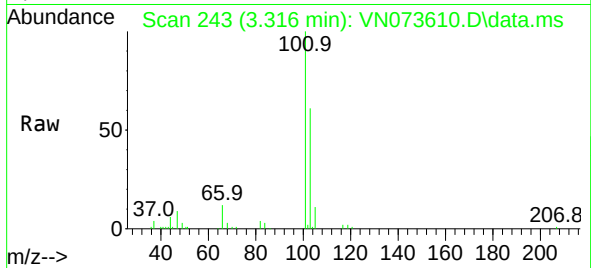
Tgt Ion: 64 Resp: 61669
Ion Ratio Lower Upper
64 100
66 31.6 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 18.999 ug/l
 RT: 3.316 min Scan# 244
 Delta R.T. -0.006 min
 Lab File: VN073610.D
 Acq: 27 Jul 2022 16:27

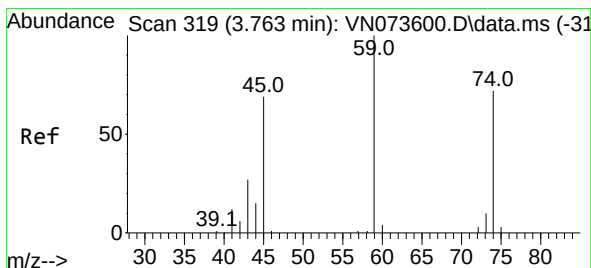
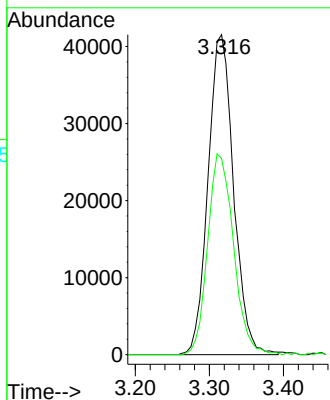
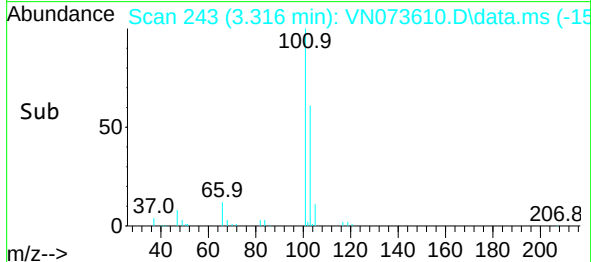
Instrument :
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Tgt Ion:101 Resp: 9961
 Ion Ratio Lower Upper
 101 100
 103 61.3 50.1 75.1

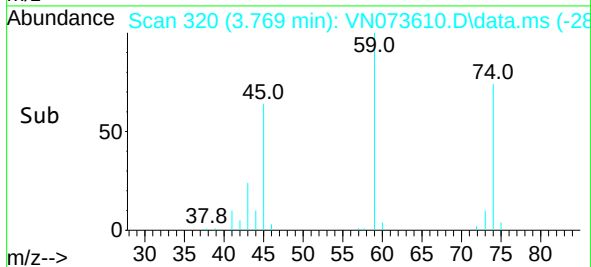
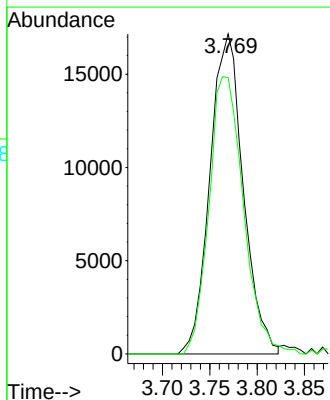
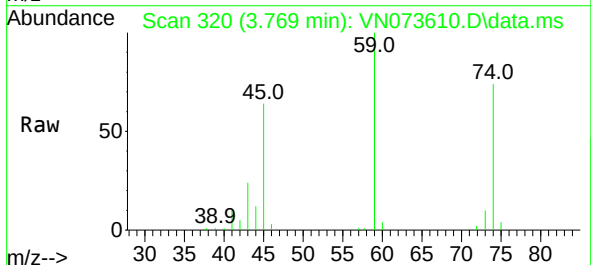
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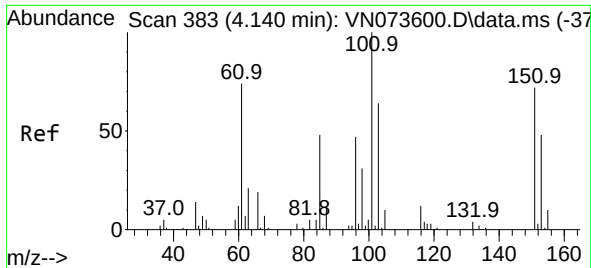
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022



#8
 Diethyl Ether
 Concen: 19.901 ug/l
 RT: 3.769 min Scan# 320
 Delta R.T. 0.006 min
 Lab File: VN073610.D
 Acq: 27 Jul 2022 16:27

Tgt Ion: 74 Resp: 41987
 Ion Ratio Lower Upper
 74 100
 45 89.5 17.6 158.8





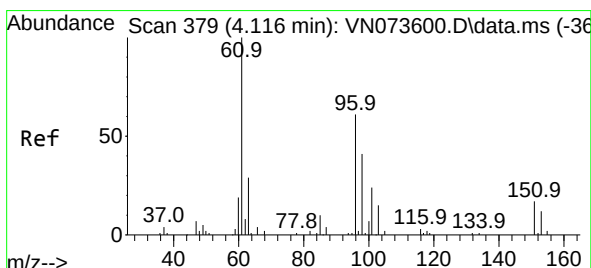
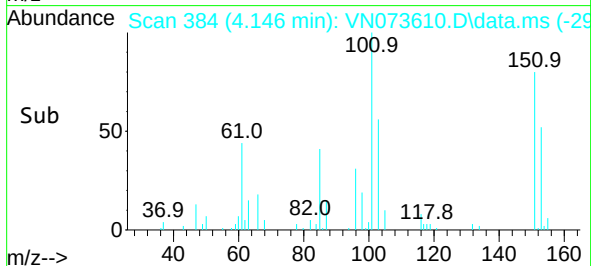
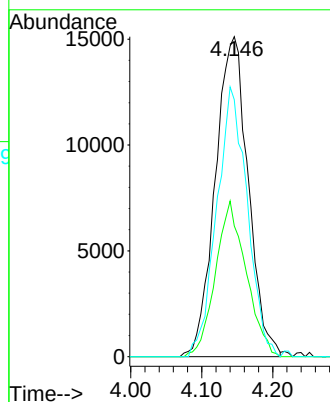
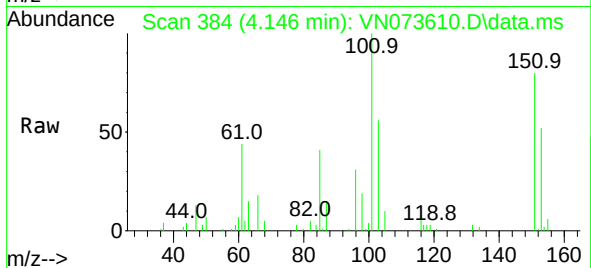
#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.398 ug/l
RT: 4.146 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tgt Ion:101 Resp: 4867
Ion Ratio Lower Upper
101 100
85 45.3 0.0 94.0
151 78.2 0.0 74.6

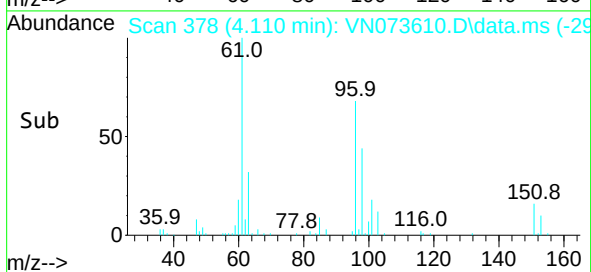
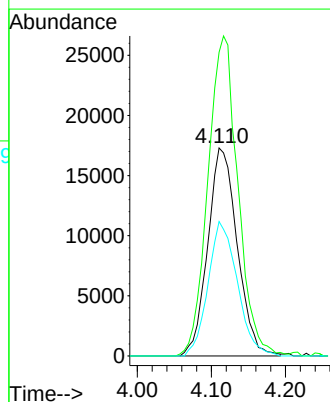
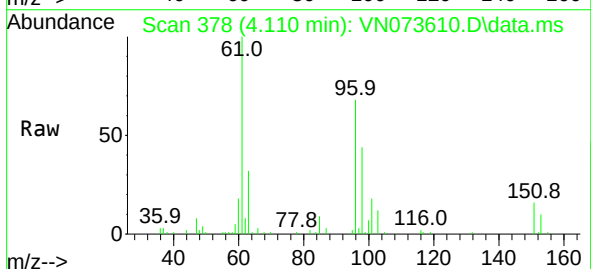
Manual Integrations
APPROVED

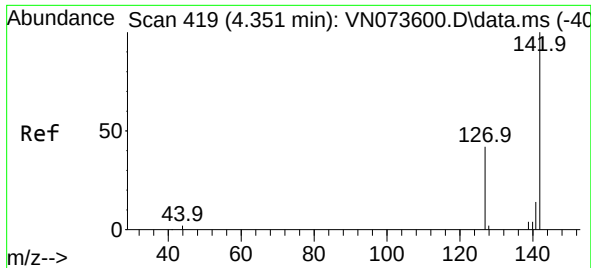
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#10
1,1-Dichloroethene
Concen: 15.812 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

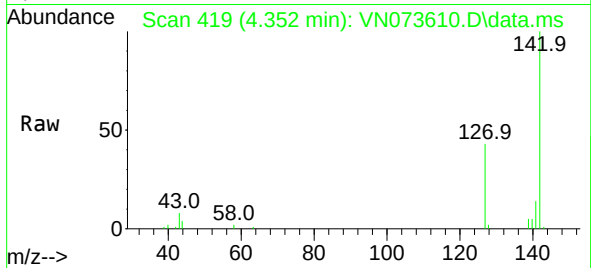
Tgt Ion: 96 Resp: 47843
Ion Ratio Lower Upper
96 100
61 145.1 126.2 189.4
98 64.6 50.9 76.3





#11
Methyl Iodide
Concen: 14.944 ug/l
RT: 4.352 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

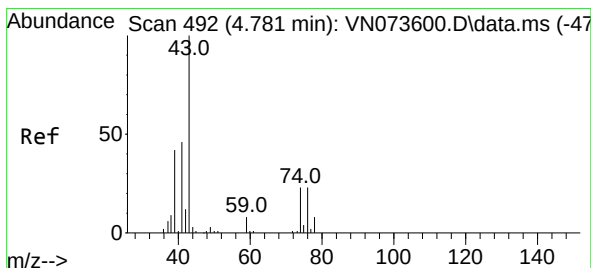
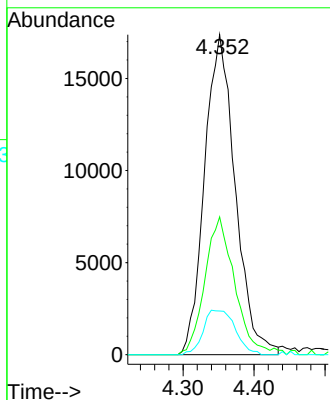
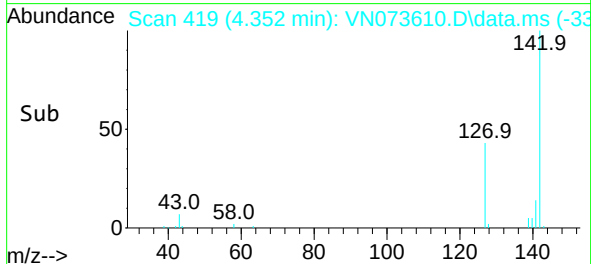
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



Tgt Ion:142 Resp: 52158
Ion Ratio Lower Upper
142 100
127 42.8 24.0 72.0
141 13.8 8.4 25.2

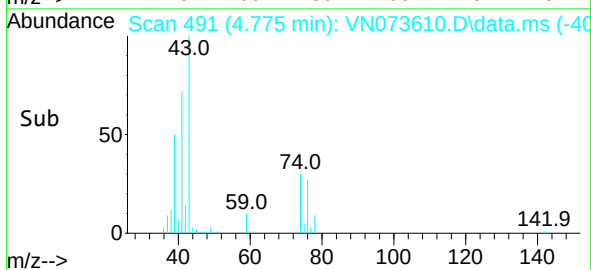
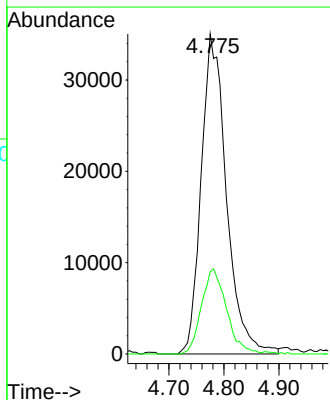
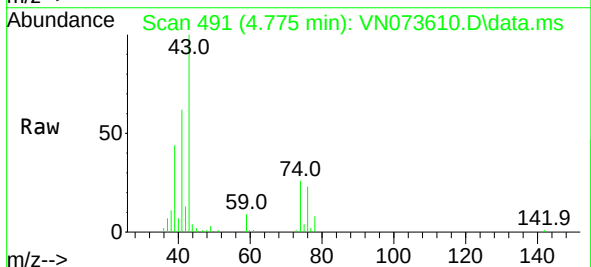
Manual Integrations
APPROVED

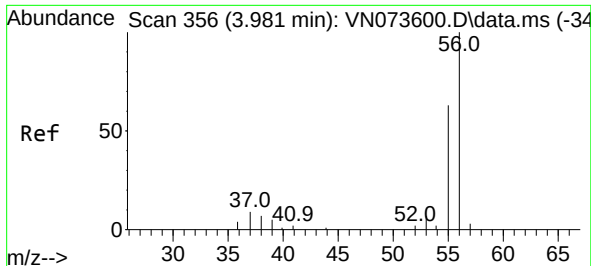
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#12
Methyl Acetate
Concen: 21.721 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

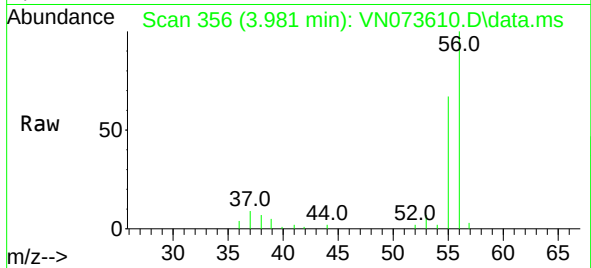
Tgt Ion: 43 Resp: 111693
Ion Ratio Lower Upper
43 100
74 25.9 20.8 31.2





#13
Acrolein
Concen: 100.669 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

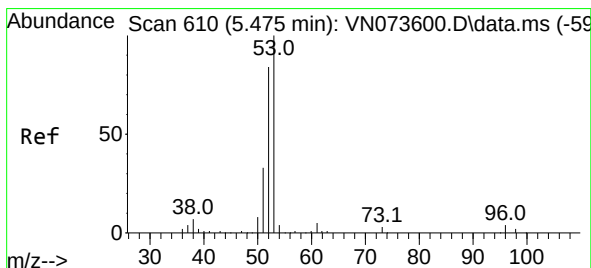
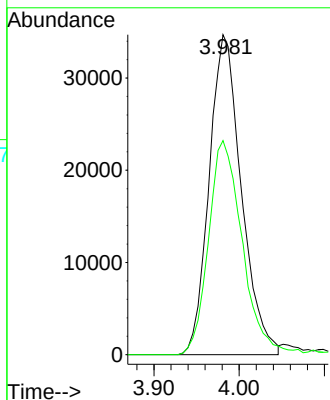
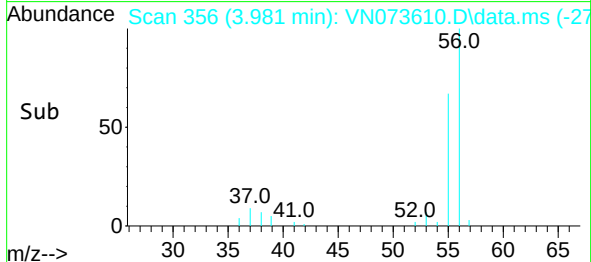
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



Tgt Ion: 56 Resp: 91002
Ion Ratio Lower Upper
56 100
55 69.9 57.6 86.4

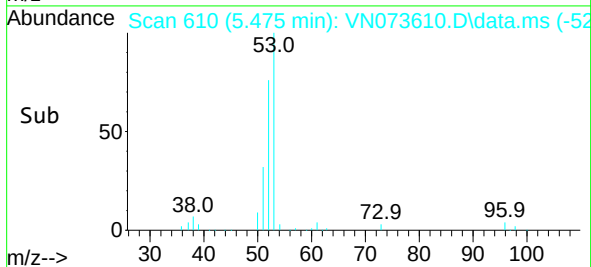
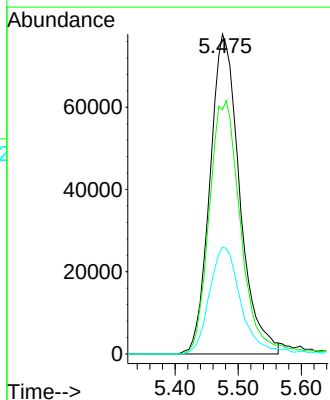
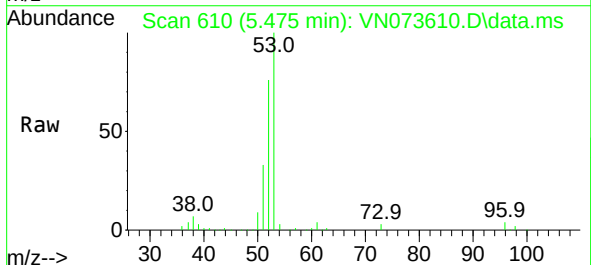
Manual Integrations
APPROVED

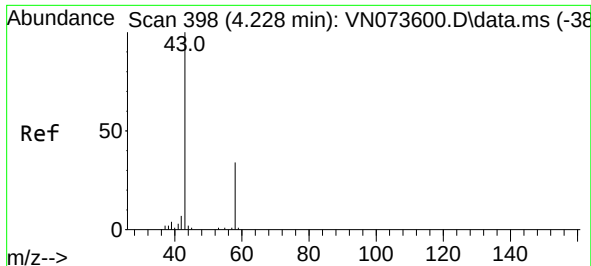
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#14
Acrylonitrile
Concen: 106.896 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

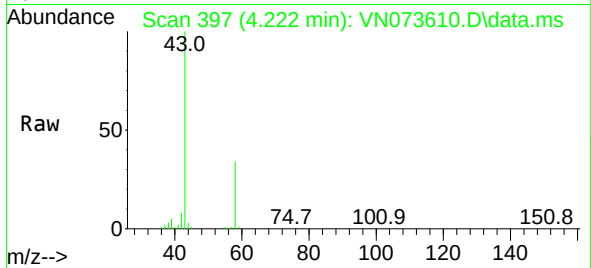
Tgt Ion: 53 Resp: 253694
Ion Ratio Lower Upper
53 100
52 82.3 41.8 125.4
51 34.6 19.0 57.0





#15
Acetone
Concen: 108.950 ug/l
RT: 4.222 min Scan# 398
Delta R.T. -0.006 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

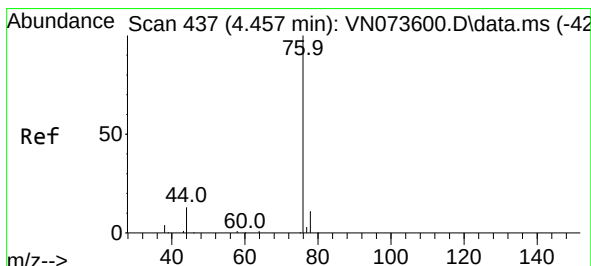
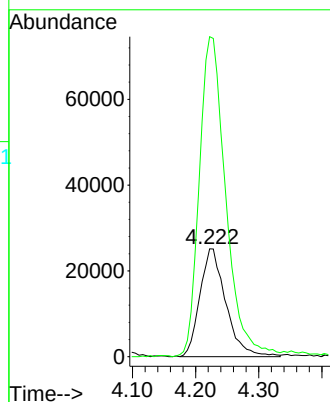
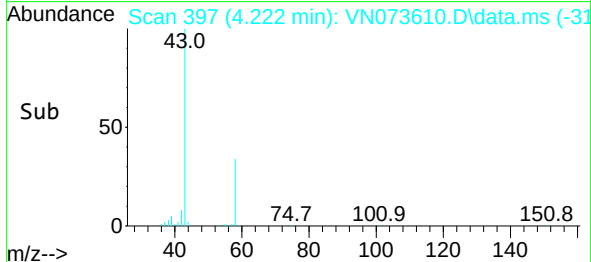
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



Tgt Ion: 58 Resp: 7188
Ion Ratio Lower Upper
58 100
43 294.8 256.6 384.8

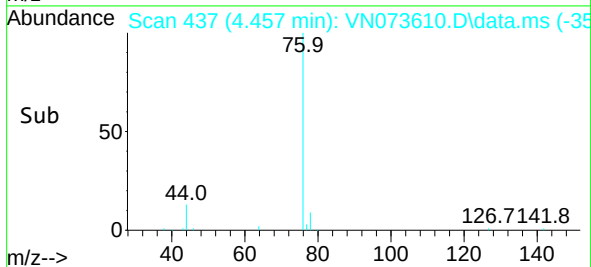
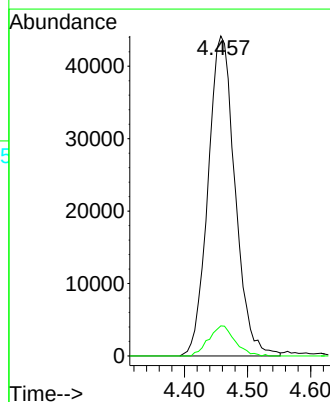
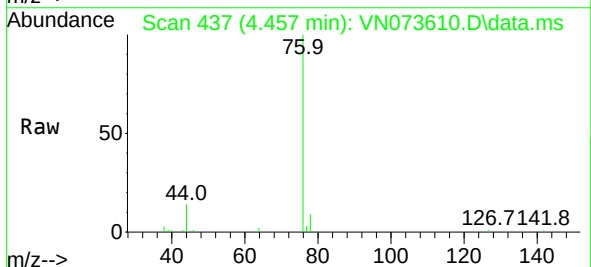
Manual Integrations
APPROVED

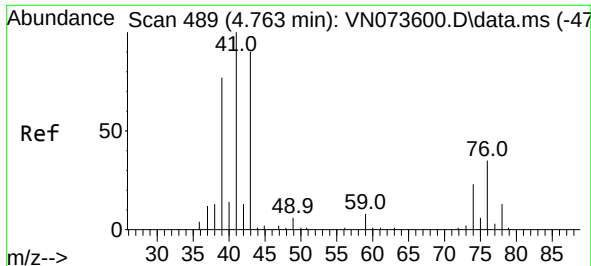
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#16
Carbon Disulfide
Concen: 15.867 ug/l
RT: 4.457 min Scan# 437
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

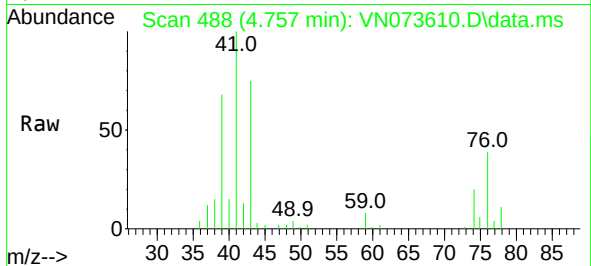
Tgt Ion: 76 Resp: 131197
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.8





#17
 Allyl chloride
 Concen: 17.956 ug/l
 RT: 4.757 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VN073610.D
 Acq: 27 Jul 2022 16:27

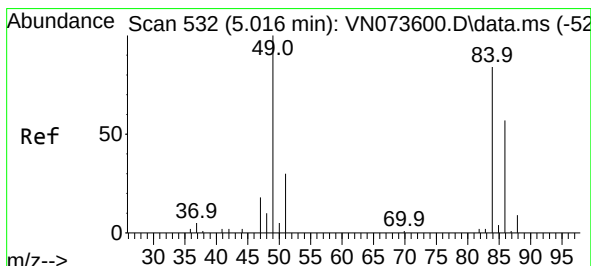
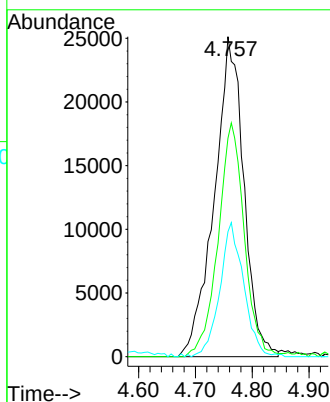
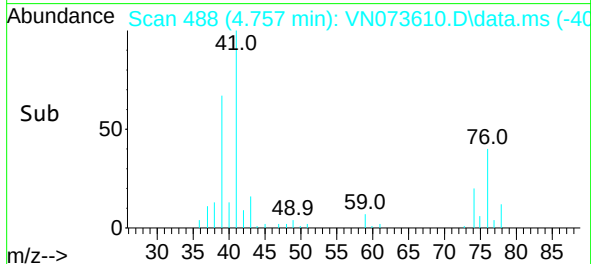
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01



Tgt Ion: 41 Resp: 90624
 Ion Ratio Lower Upper
 41 100
 39 68.2 44.6 134.0
 76 39.1 19.6 58.7

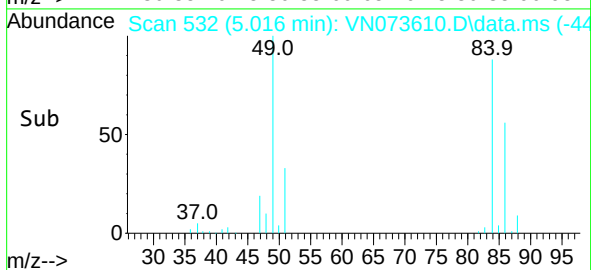
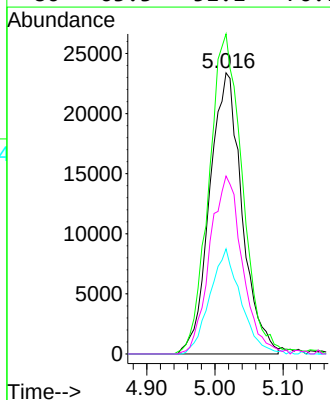
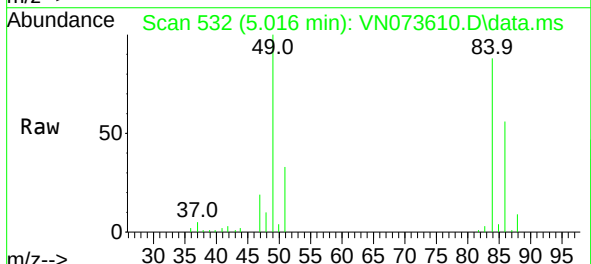
Manual Integrations
 APPROVED

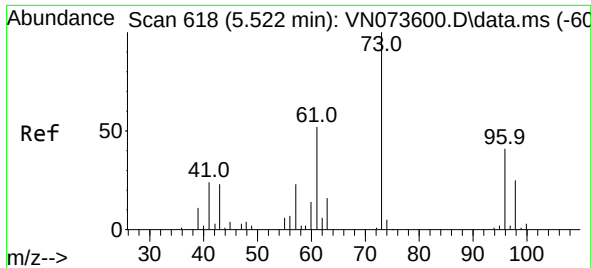
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022



#18
 Methylene Chloride
 Concen: 20.104 ug/l
 RT: 5.016 min Scan# 532
 Delta R.T. 0.000 min
 Lab File: VN073610.D
 Acq: 27 Jul 2022 16:27

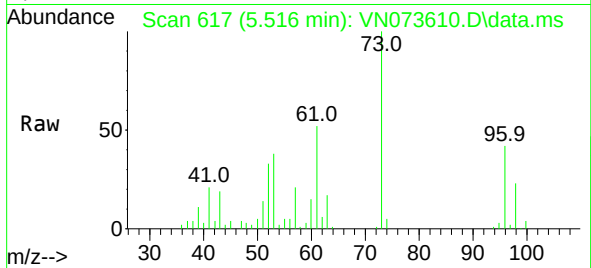
Tgt Ion: 84 Resp: 77077
 Ion Ratio Lower Upper
 84 100
 49 113.0 91.4 137.0
 51 37.4 29.4 44.0
 86 63.3 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 16.902 ug/l
RT: 5.516 min Scan# 618
Delta R.T. -0.006 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

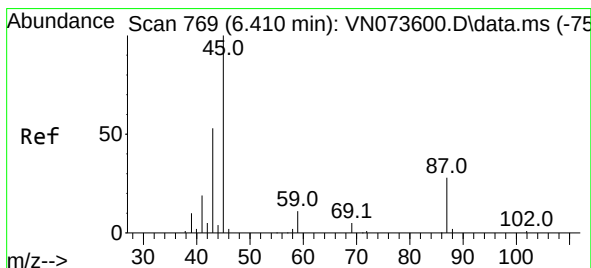
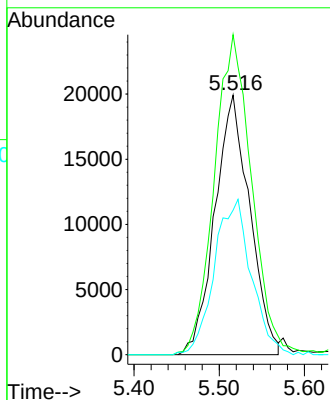
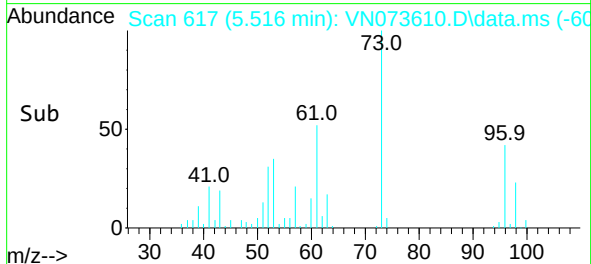
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



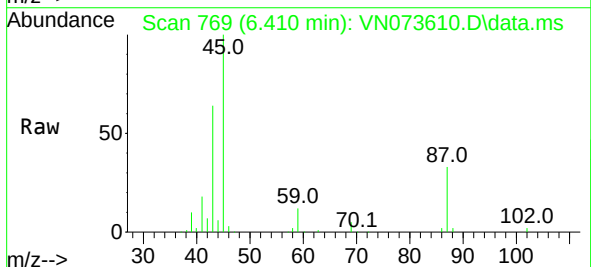
Tgt Ion: 96 Resp: 56700
Ion Ratio Lower Upper
96 100
61 122.4 102.8 154.2
98 54.7 49.3 73.9

Manual Integrations
APPROVED

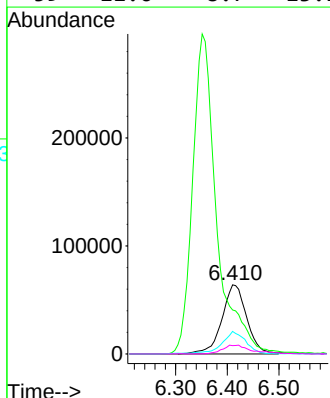
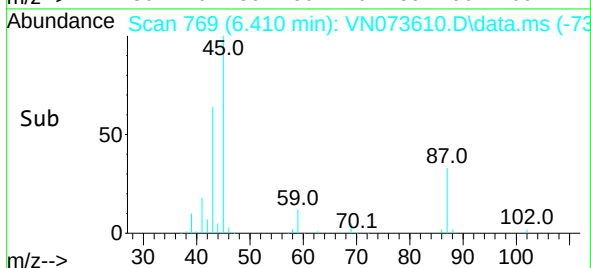
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

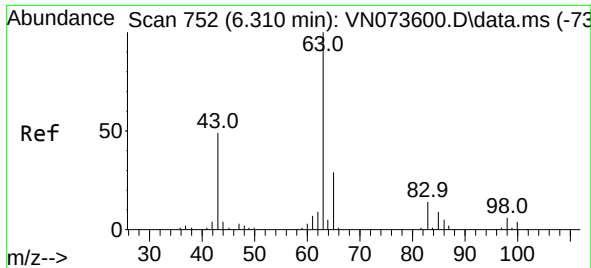


#20
Diisopropyl ether
Concen: 19.389 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27



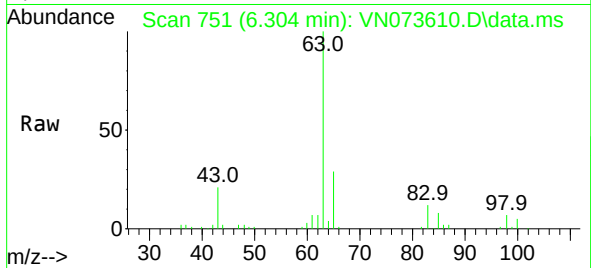
Tgt Ion: 45 Resp: 212870
Ion Ratio Lower Upper
45 100
43 59.7 51.0 76.4
87 32.3 25.0 37.4
59 11.6 8.7 13.1





#21
1,1-Dichloroethane
Concen: 18.327 ug/l
RT: 6.304 min Scan# 751
Delta R.T. -0.006 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

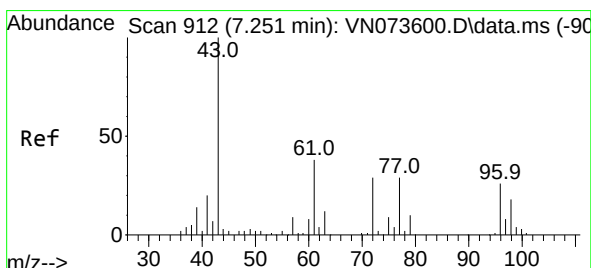
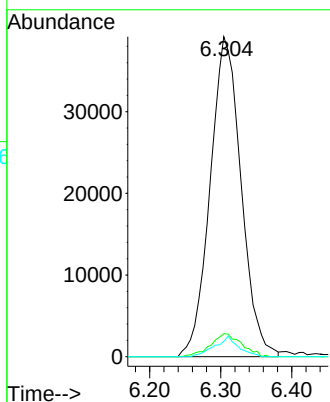
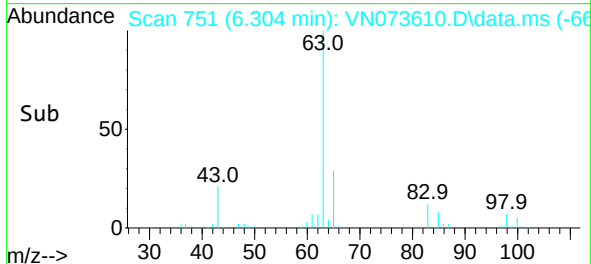
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



Tgt Ion: 63 Resp: 118734
Ion Ratio Lower Upper
63 100
98 7.2 3.2 9.6
100 4.8 2.1 6.2

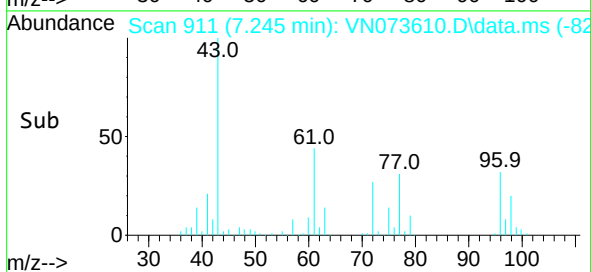
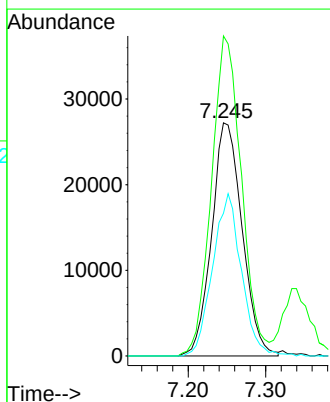
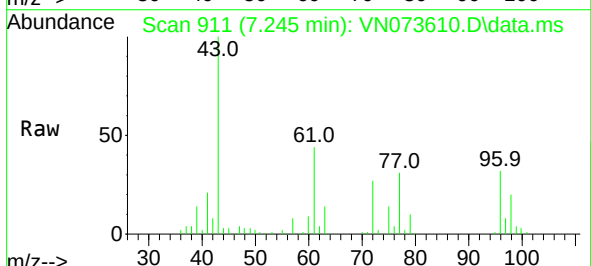
Manual Integrations
APPROVED

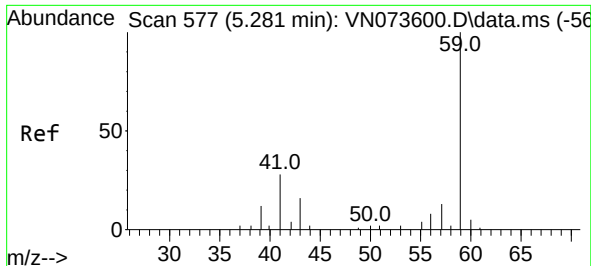
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#22
cis-1,2-Dichloroethene
Concen: 18.430 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

Tgt Ion: 96 Resp: 74377
Ion Ratio Lower Upper
96 100
61 135.0 115.7 173.5
98 65.6 51.6 77.4





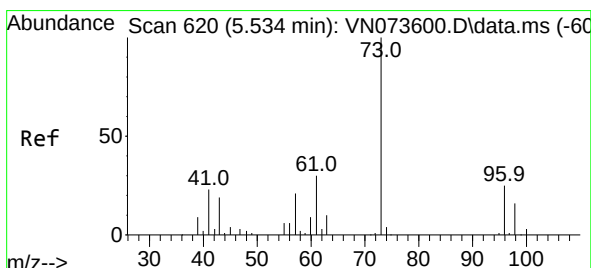
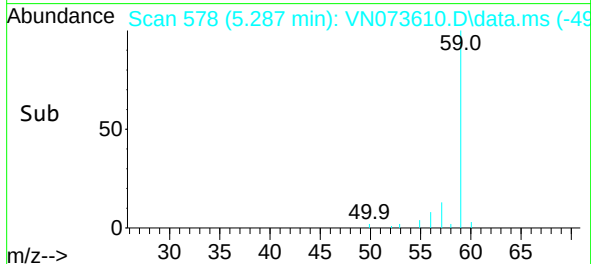
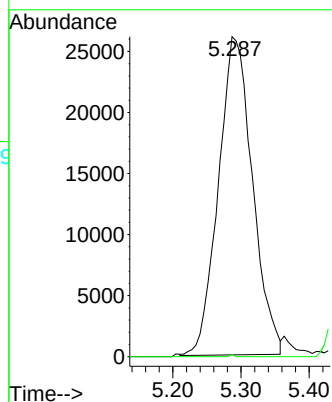
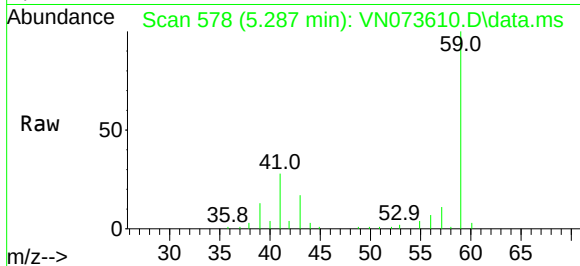
#23
tert-Butyl Alcohol
Concen: 107.967 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tgt Ion: 59 Resp: 90554
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

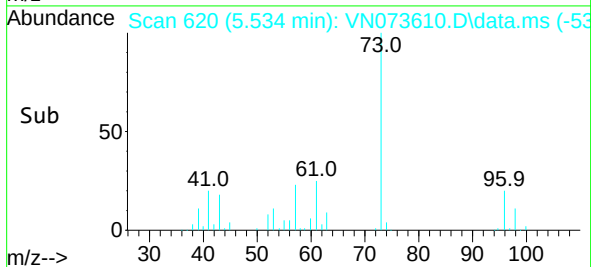
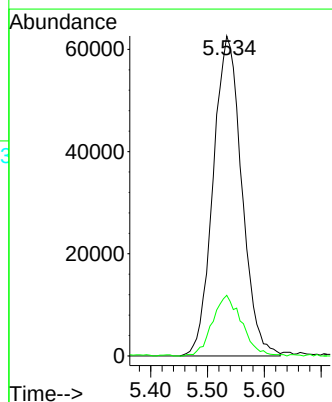
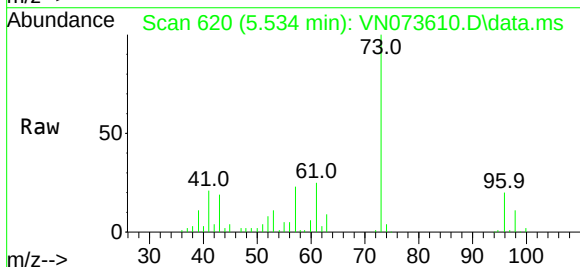
Manual Integrations
APPROVED

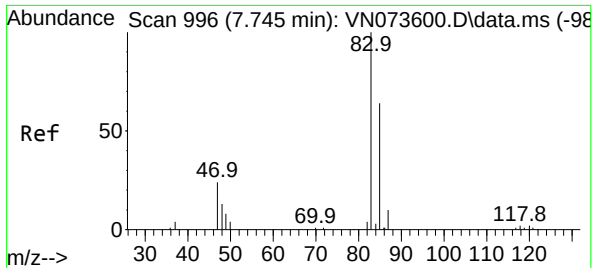
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#24
Methyl tert-Butyl Ether
Concen: 20.538 ug/l
RT: 5.534 min Scan# 620
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

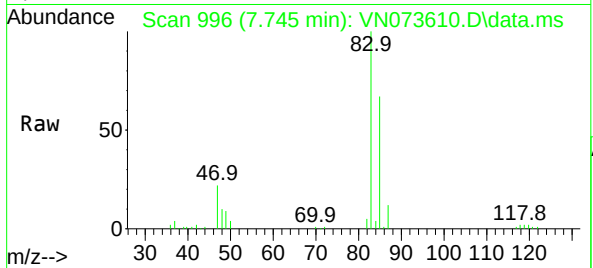
Tgt Ion: 73 Resp: 218992
Ion Ratio Lower Upper
73 100
43 19.1 18.1 27.1





#25
Chloroform
Concen: 18.804 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

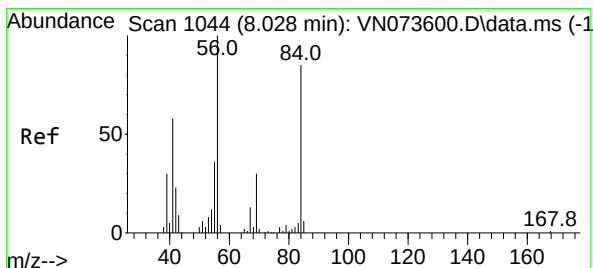
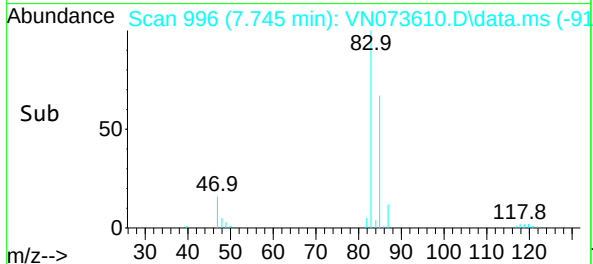
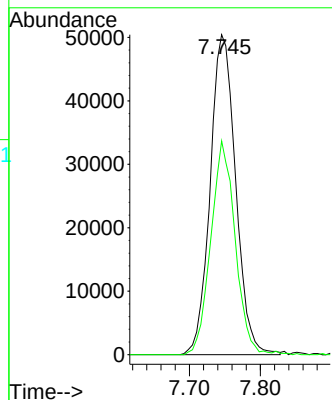
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



Tgt Ion: 83 Resp: 125740
Ion Ratio Lower Upper
83 100
85 66.8 51.3 76.9

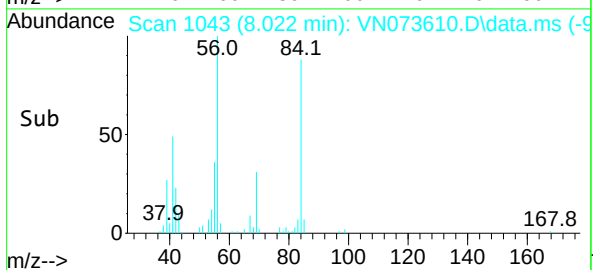
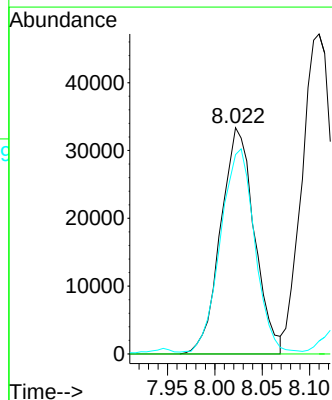
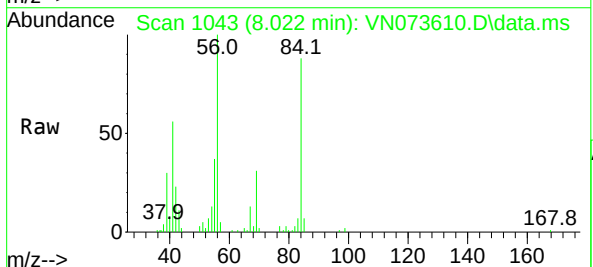
Manual Integrations
APPROVED

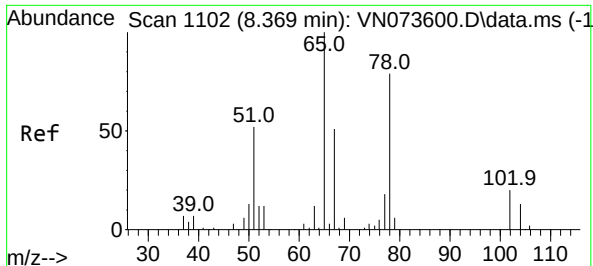
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#26
Cyclohexane
Concen: 14.824 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

Tgt Ion: 56 Resp: 82838
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 92.7 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 30.821 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073610.D

Acq: 27 Jul 2022 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

Tgt Ion: 65 Resp: 12878

Ion Ratio Lower Upper

65 100

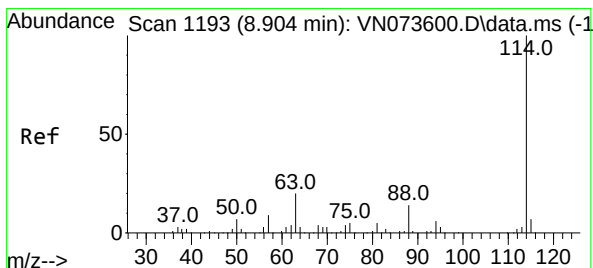
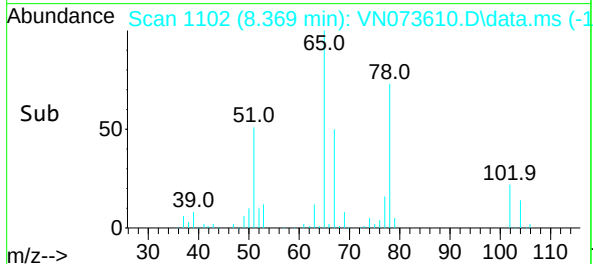
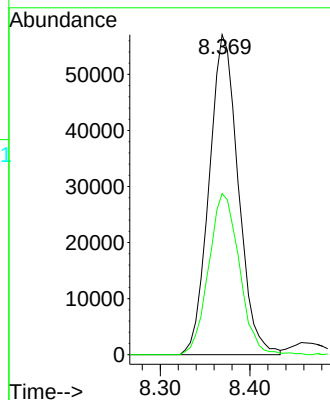
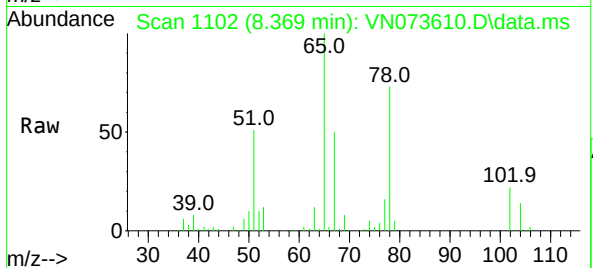
67 52.6 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073610.D

Acq: 27 Jul 2022 16:27

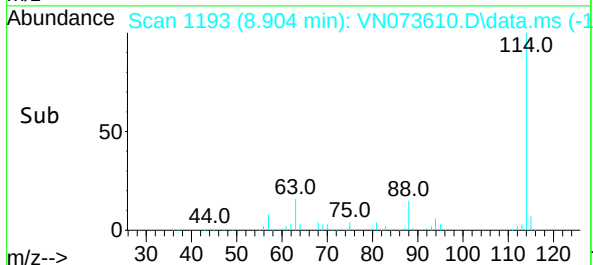
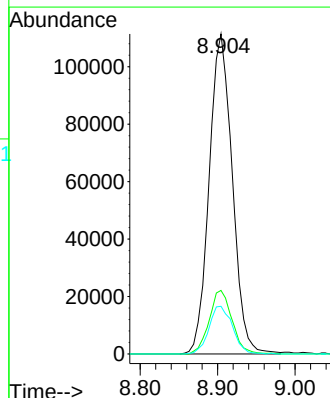
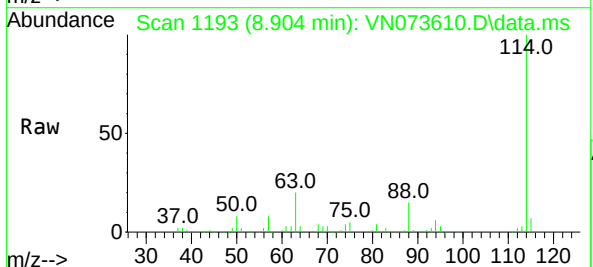
Tgt Ion:114 Resp: 231041

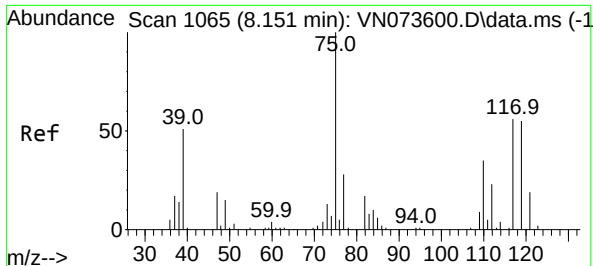
Ion Ratio Lower Upper

114 100

63 19.6 15.8 23.6

88 15.2 11.6 17.4





#29
1,1-Dichloropropene
Concen: 17.531 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

Instrument :

MSVOA_N

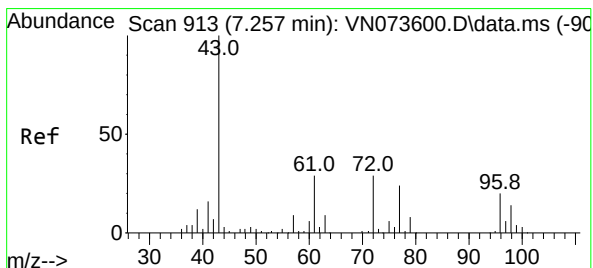
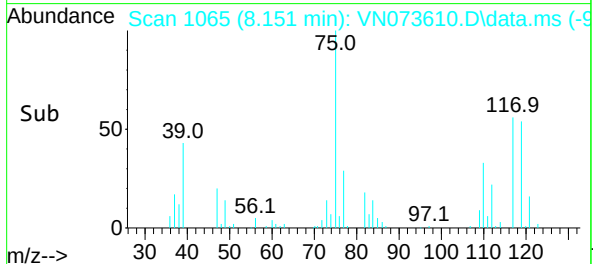
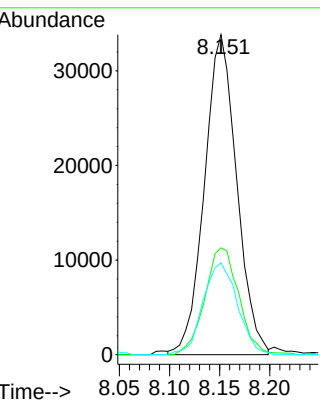
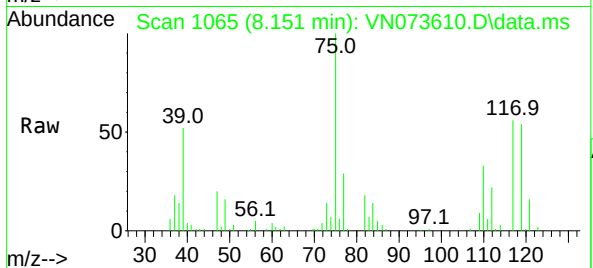
ClientSampleId :

VN0727WBSD01

Tgt Ion: 75 Resp: 75680
Ion Ratio Lower Upper
75 100
110 35.3 0.0 74.2
77 30.5 0.0 63.2

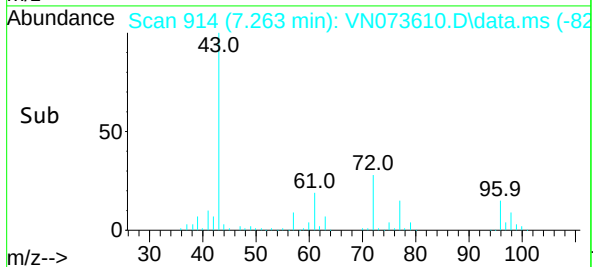
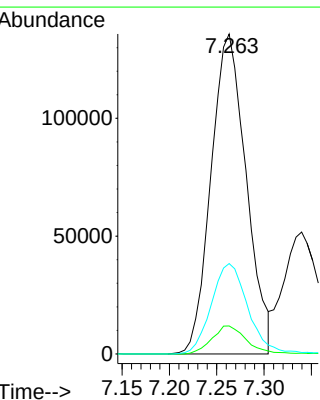
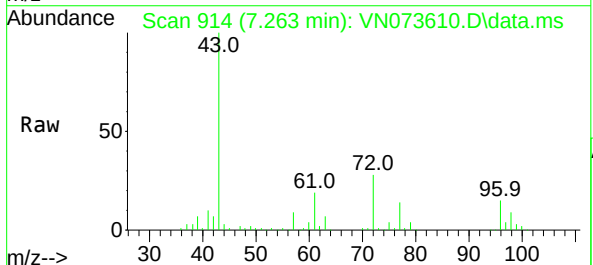
Manual Integrations
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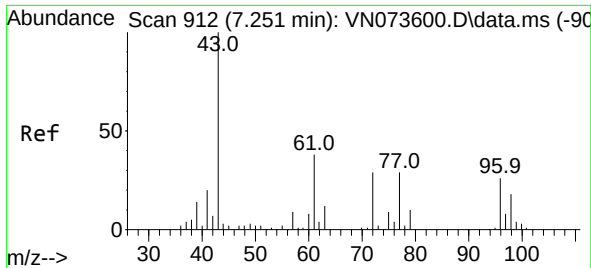
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#30
2-Butanone
Concen: 117.557 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

Tgt Ion: 43 Resp: 350823
Ion Ratio Lower Upper
43 100
57 8.6 6.7 10.1
72 29.0 23.2 34.8





#31

2,2-Dichloropropane

Concen: 16.636 ug/l

RT: 7.245 min Scan# 911

Delta R.T. -0.006 min

Lab File: VN073610.D

Acq: 27 Jul 2022 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

Tgt Ion: 77 Resp: 74938

Ion Ratio Lower Upper

77 100

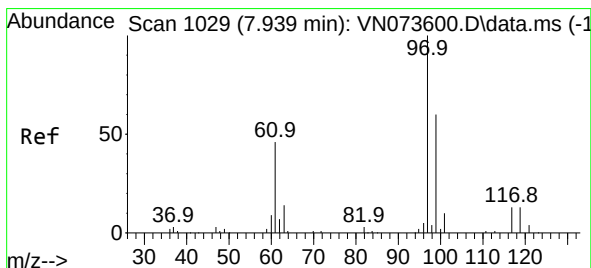
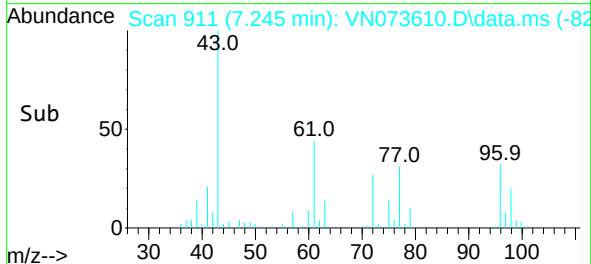
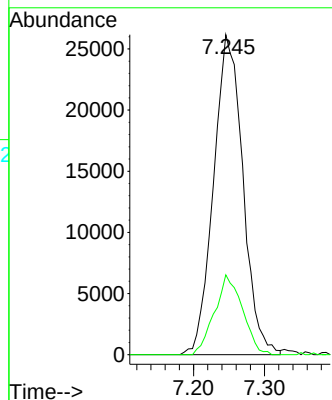
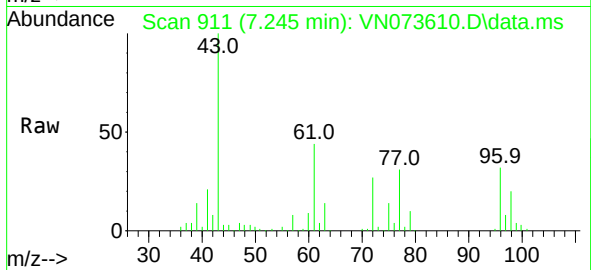
97 23.6 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#32

1,1,1-Trichloroethane

Concen: 18.771 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. 0.006 min

Lab File: VN073610.D

Acq: 27 Jul 2022 16:27

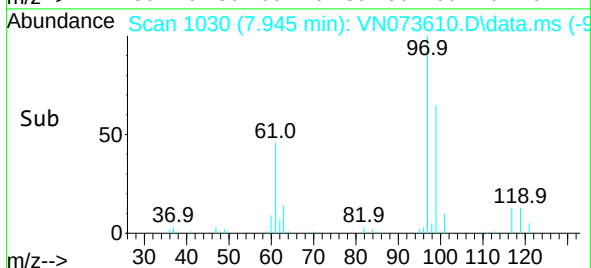
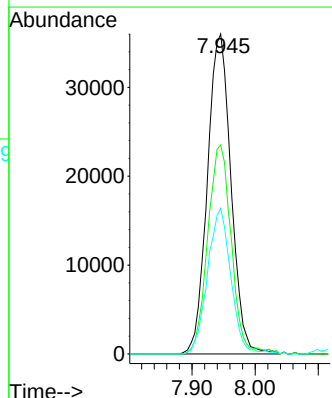
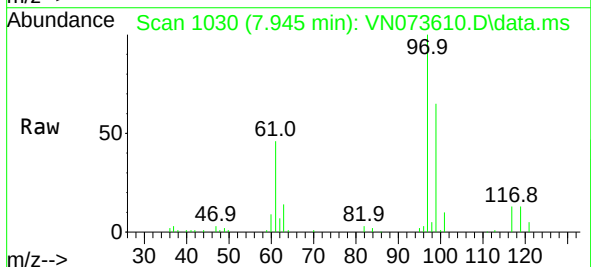
Tgt Ion: 97 Resp: 93794

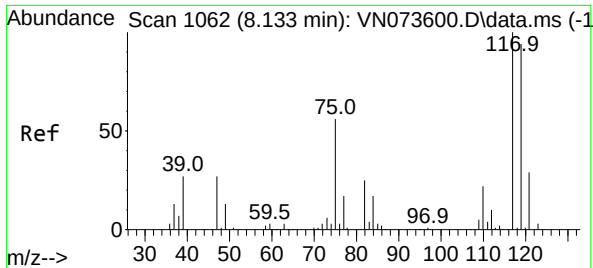
Ion Ratio Lower Upper

97 100

99 64.0 50.4 75.6

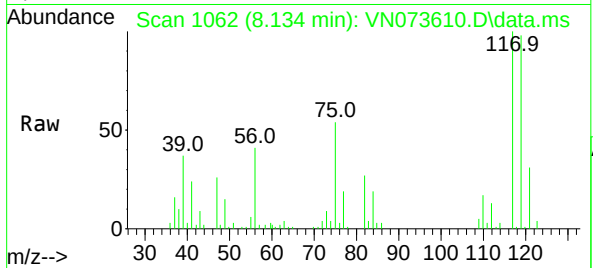
61 44.5 34.6 51.8





#33
Carbon Tetrachloride
Concen: 17.346 ug/l
RT: 8.134 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

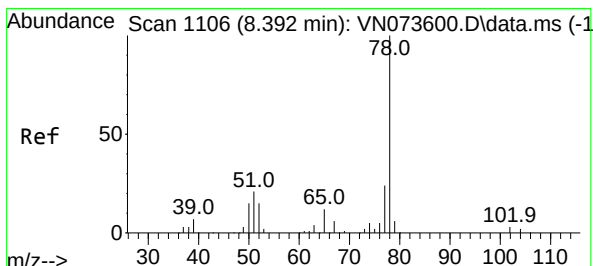
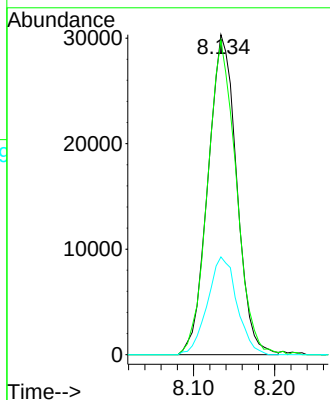
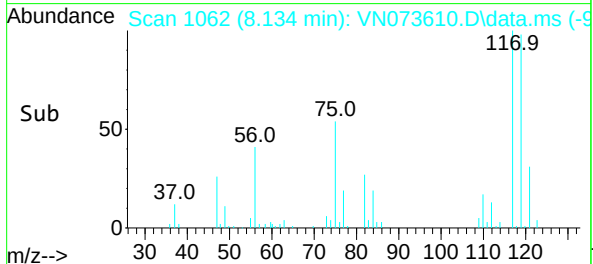
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



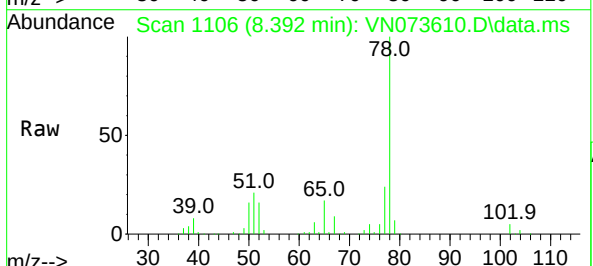
Tgt Ion:117 Resp: 7432
Ion Ratio Lower Upper
117 100
119 98.1 77.5 116.3
121 30.6 23.5 35.3

Manual Integrations
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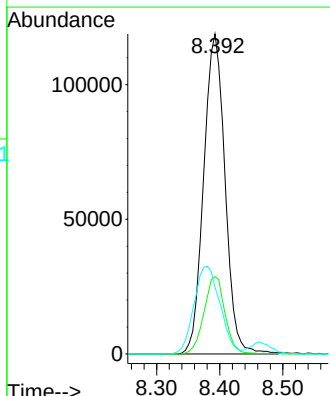
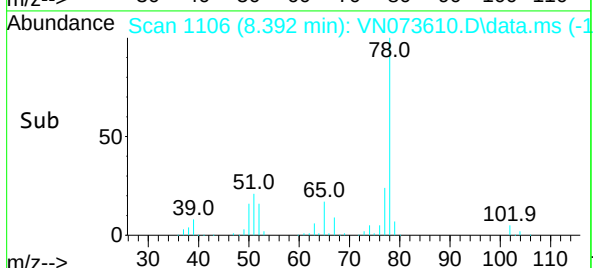
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

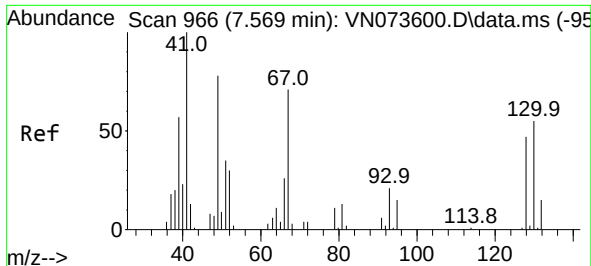


#34
Benzene
Concen: 20.013 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27



Tgt Ion: 78 Resp: 279567
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7
51 20.2 16.0 24.0





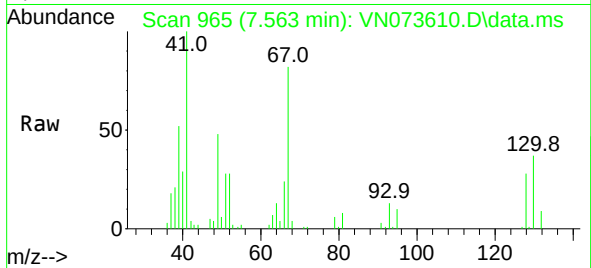
#35
Methacrylonitrile
Concen: 21.205 ug/l
RT: 7.563 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01



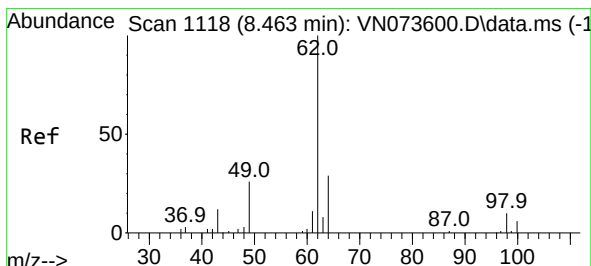
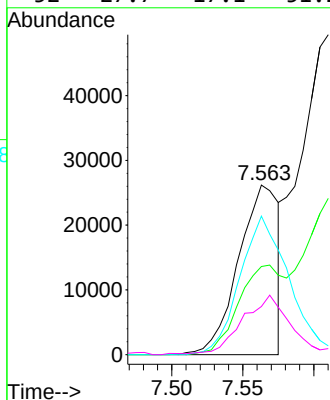
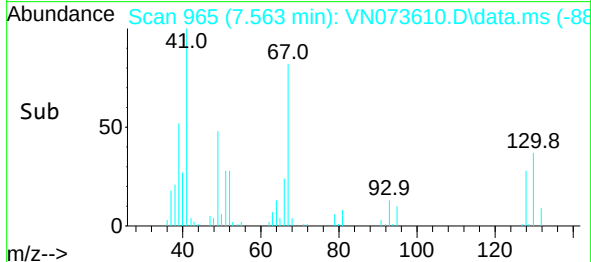
Tgt Ion: 41 Resp: 51369
Ion Ratio Lower Upper
41 100
39 51.4 28.0 83.9
67 81.7 37.7 113.1
52 27.7 17.1 51.2

Manual Integrations

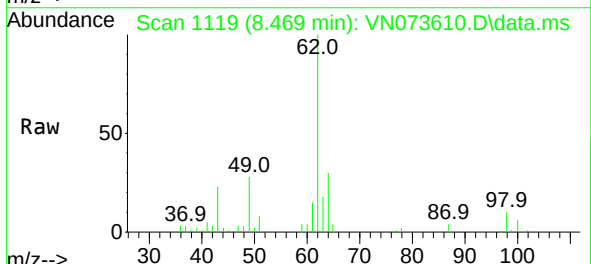
APPROVED

Reviewed By :John Carlone 07/28/2022

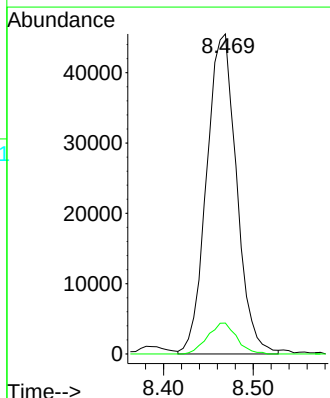
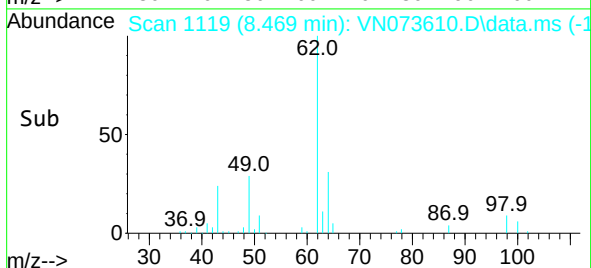
Supervised By :Mahesh Dadoda 07/28/2022

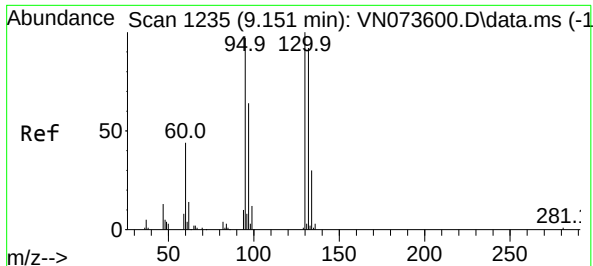


#36
1,2-Dichloroethane
Concen: 22.895 ug/l
RT: 8.469 min Scan# 1119
Delta R.T. 0.006 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27



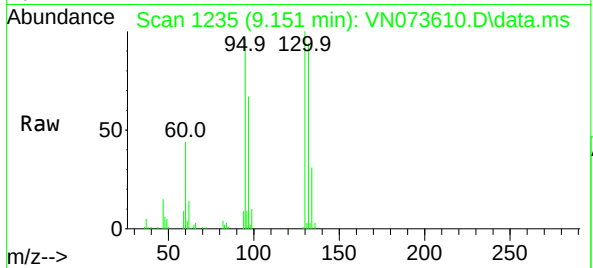
Tgt Ion: 62 Resp: 105467
Ion Ratio Lower Upper
62 100
98 9.3 6.6 10.0





#37
Trichloroethene
Concen: 18.536 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

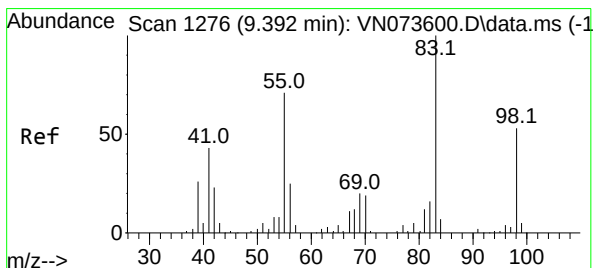
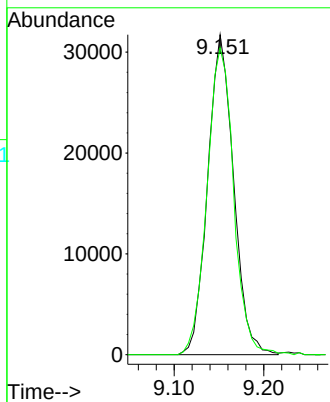
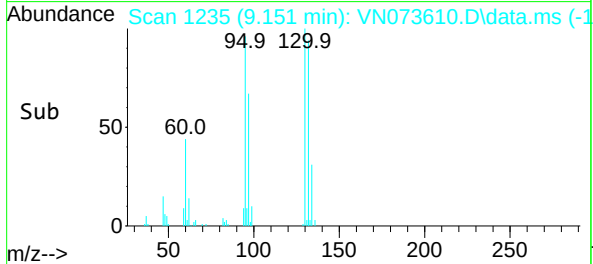
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



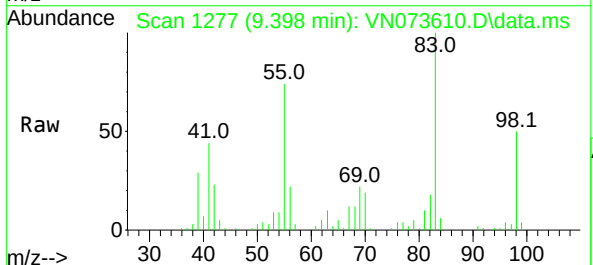
Tgt Ion:130 Resp: 6370
Ion Ratio Lower Upper
130 100
95 95.8 76.6 115.0

Manual Integrations
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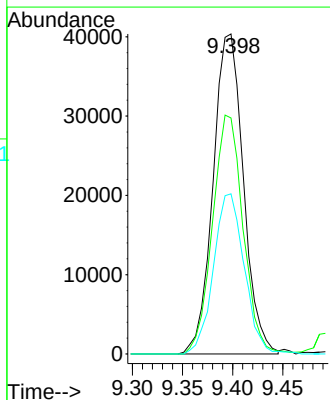
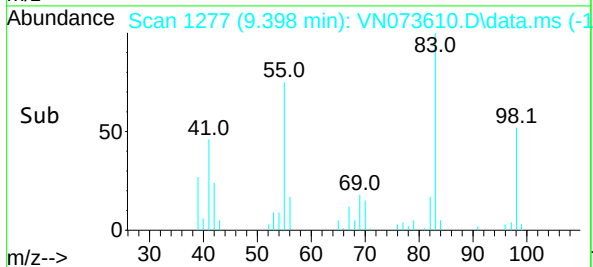
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

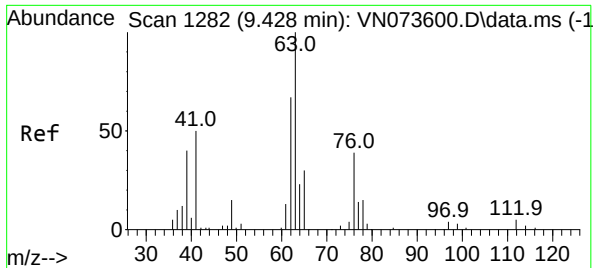


#38
Methylcyclohexane
Concen: 15.834 ug/l
RT: 9.398 min Scan# 1277
Delta R.T. 0.006 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27



Tgt Ion: 83 Resp: 84854
Ion Ratio Lower Upper
83 100
55 75.2 35.1 105.3
98 50.8 23.4 70.2





#39

1,2-Dichloropropane

Concen: 21.248 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073610.D

Acq: 27 Jul 2022 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

Tgt Ion: 63 Resp: 74884

Ion Ratio Lower Upper

63 100

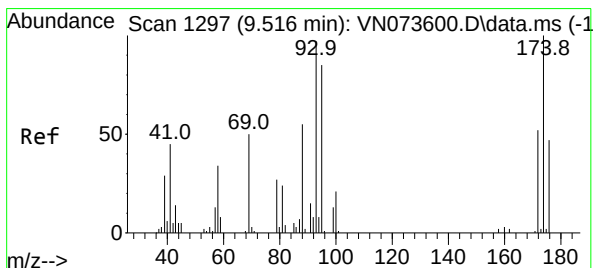
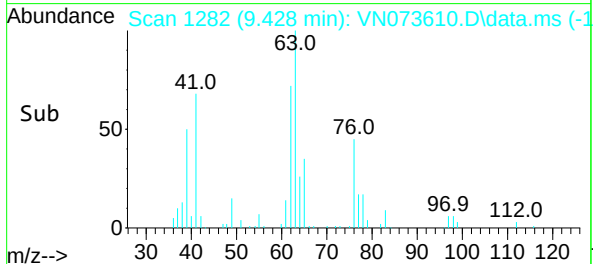
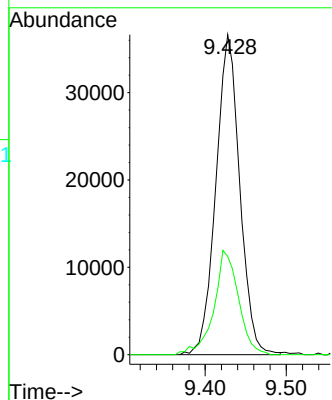
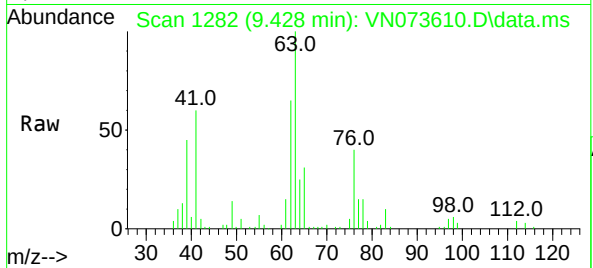
65 30.7 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#40

Dibromomethane

Concen: 22.329 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN073610.D

Acq: 27 Jul 2022 16:27

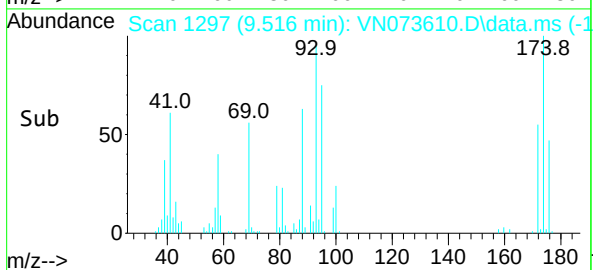
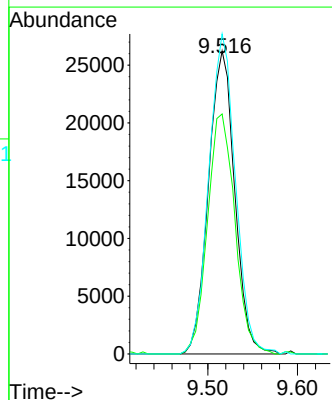
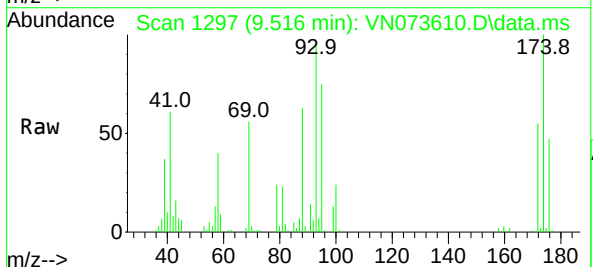
Tgt Ion: 93 Resp: 53399

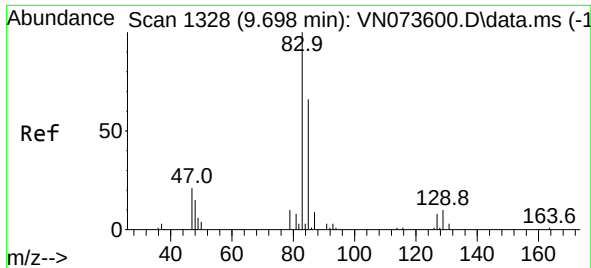
Ion Ratio Lower Upper

93 100

95 82.4 0.0 168.8

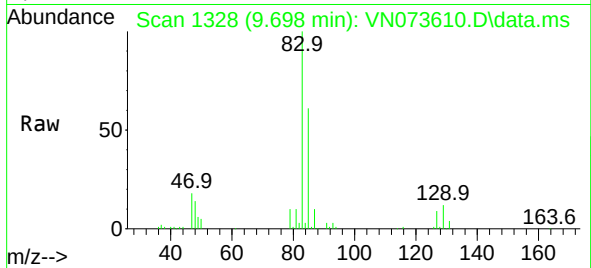
174 106.8 0.0 173.6





#41
Bromodichloromethane
Concen: 21.027 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

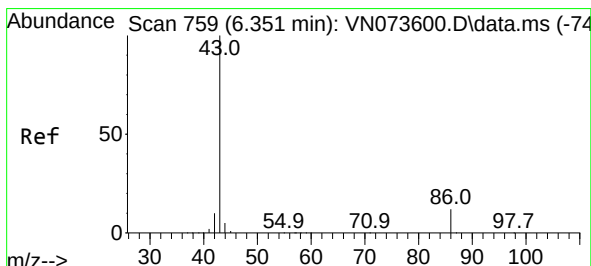
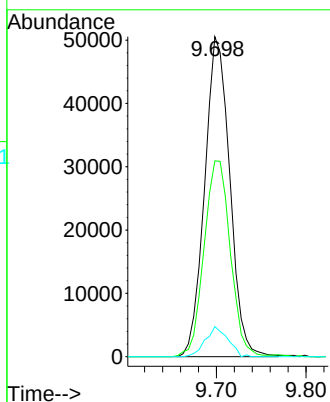
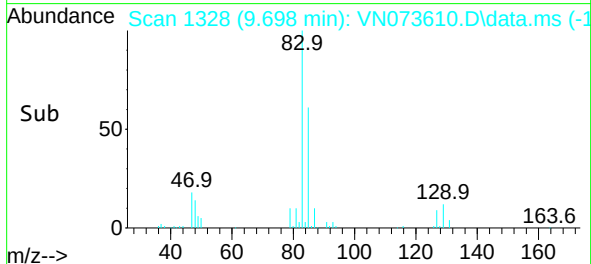
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



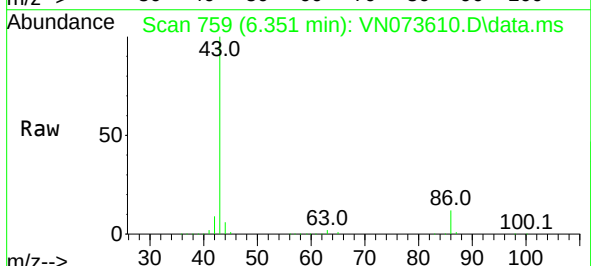
Tgt Ion: 83 Resp: 98434
Ion Ratio Lower Upper
83 100
85 60.8 54.1 81.1
127 9.4 7.6 11.4

Manual Integrations
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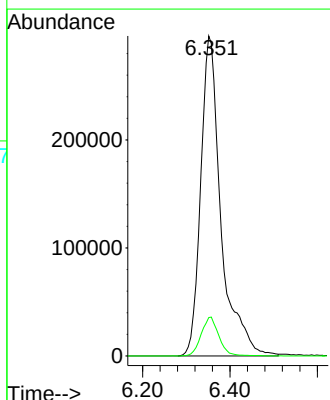
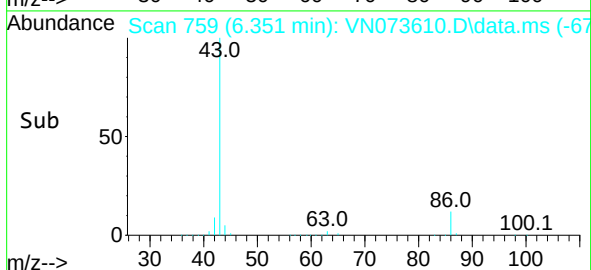
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

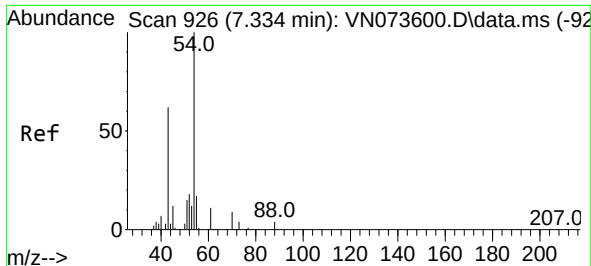


#42
Vinyl Acetate
Concen: 111.264 ug/l
RT: 6.351 min Scan# 759
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27



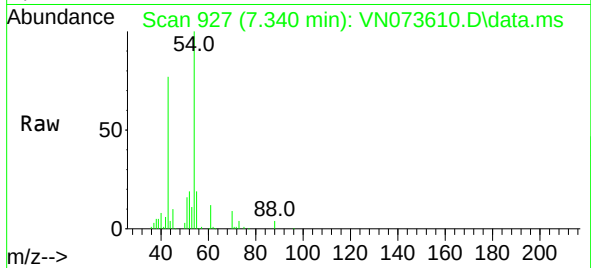
Tgt Ion: 43 Resp: 956793
Ion Ratio Lower Upper
43 100
86 10.6 7.5 11.3





#43
Ethyl Acetate
Concen: 24.927 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

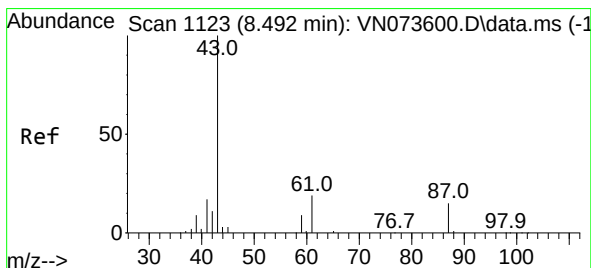
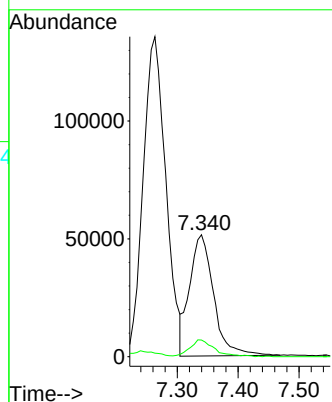
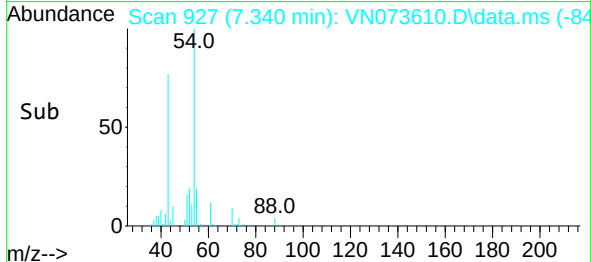
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



Tgt Ion: 43 Resp: 141218
Ion Ratio Lower Upper
43 100
45 12.7 10.6 16.0

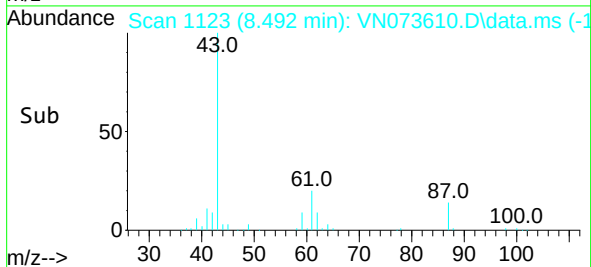
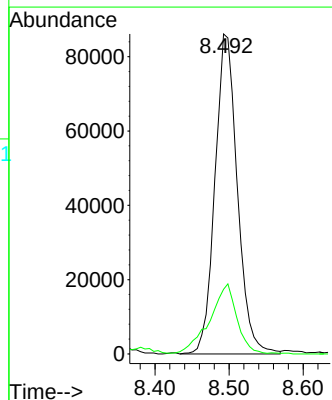
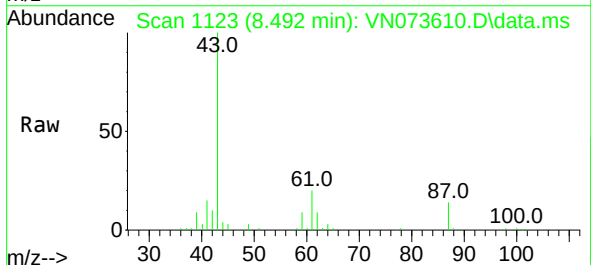
Manual Integrations
APPROVED

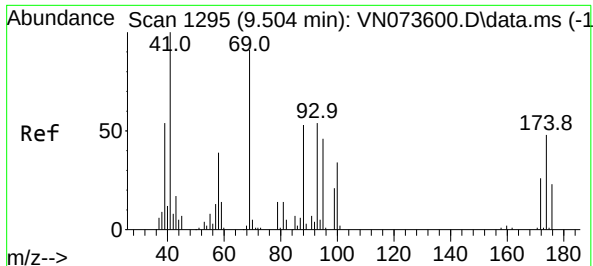
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#44
Isopropyl Acetate
Concen: 22.962 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

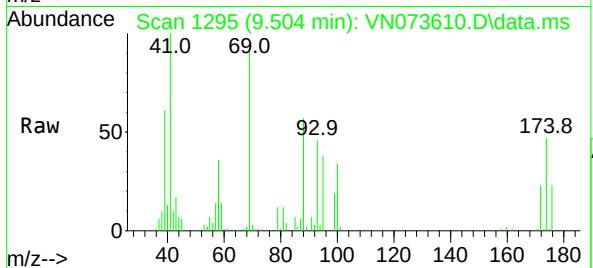
Tgt Ion: 43 Resp: 180903
Ion Ratio Lower Upper
43 100
61 26.8 20.1 30.1





#45
1,4-Dioxane
Concen: 491.695 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

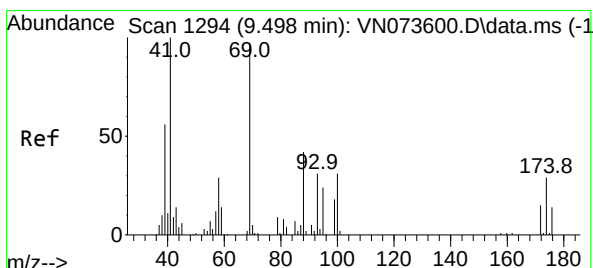
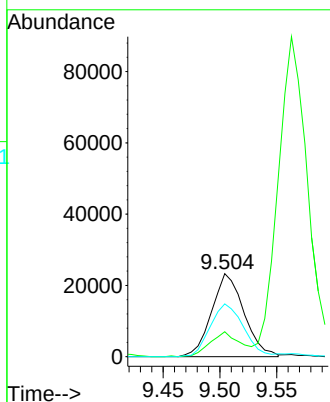
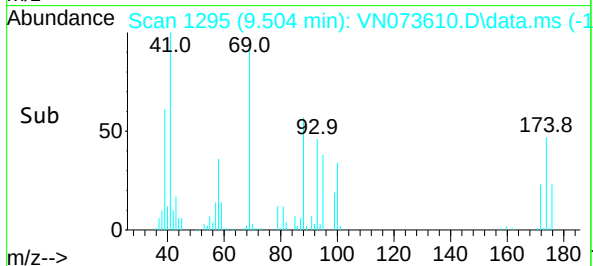
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



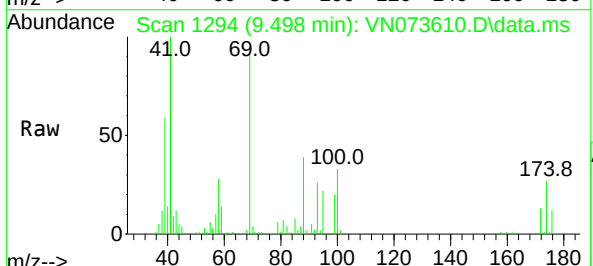
Tgt Ion: 88 Resp: 46190
Ion Ratio Lower Upper
88 100
43 28.2 25.0 37.6
58 65.1 49.4 74.2

Manual Integrations
APPROVED

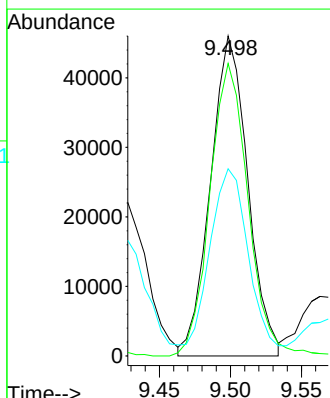
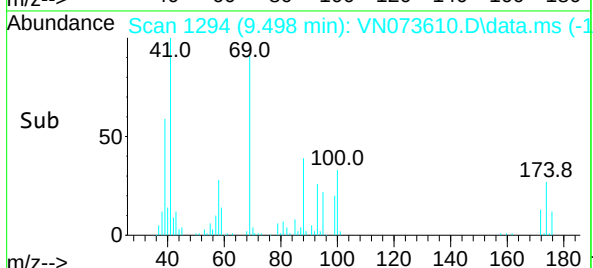
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

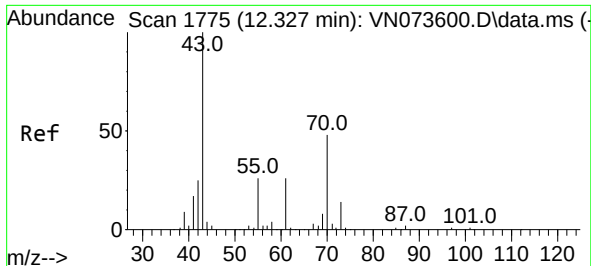


#46
Methyl methacrylate
Concen: 23.839 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27



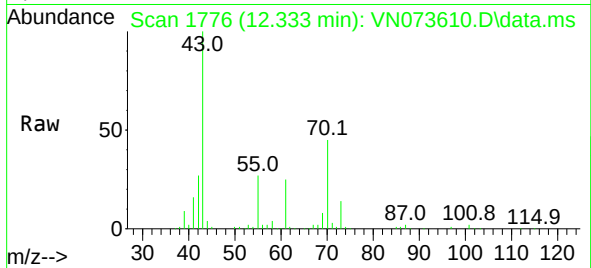
Tgt Ion: 41 Resp: 83989
Ion Ratio Lower Upper
41 100
69 92.9 44.4 133.2
39 56.8 39.9 119.6





#47
n-amy1 Acetate
Concen: 20.533 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

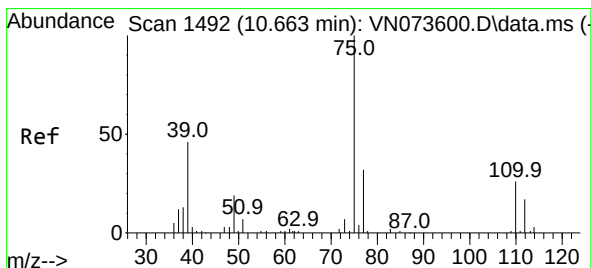
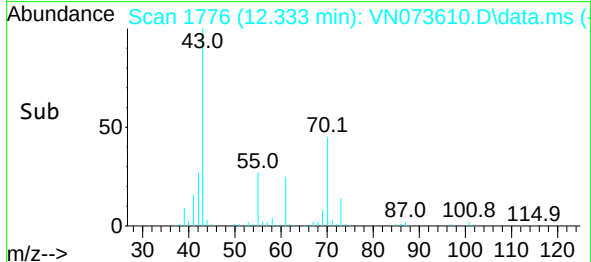
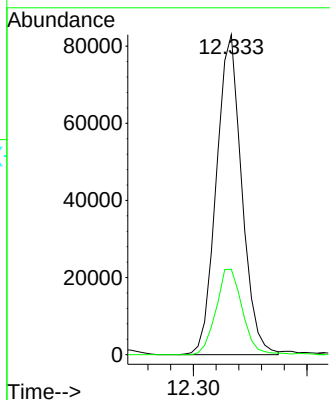
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



Tgt Ion: 43 Resp: 128964
Ion Ratio Lower Upper
43 100
55 27.6 19.0 28.6

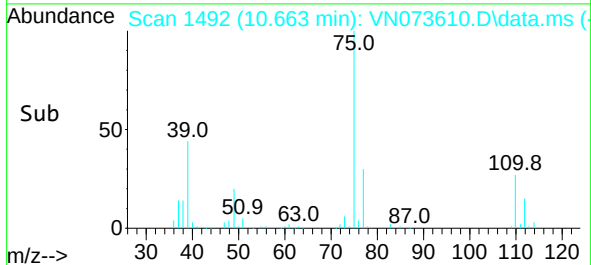
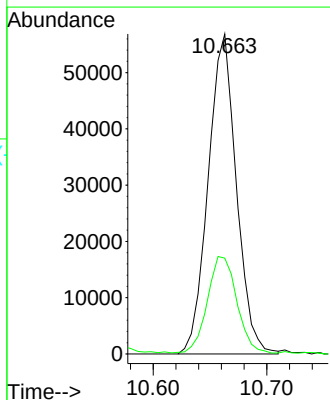
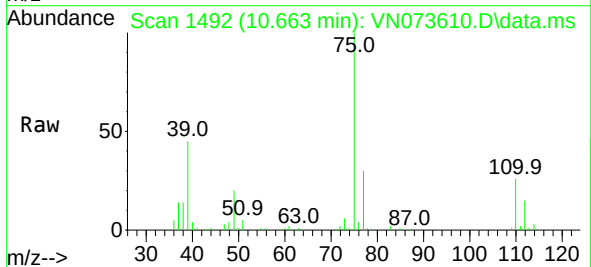
Manual Integrations
APPROVED

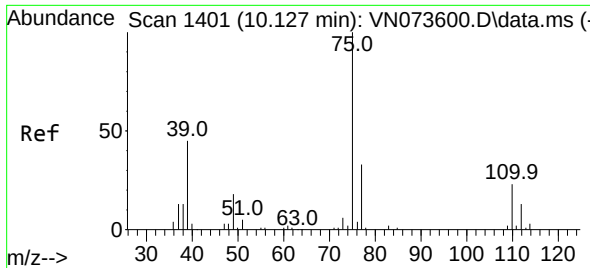
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#48
t-1,3-Dichloropropene
Concen: 20.370 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

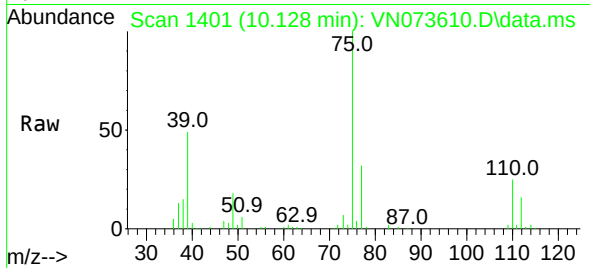
Tgt Ion: 75 Resp: 98170
Ion Ratio Lower Upper
75 100
77 29.6 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 20.076 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

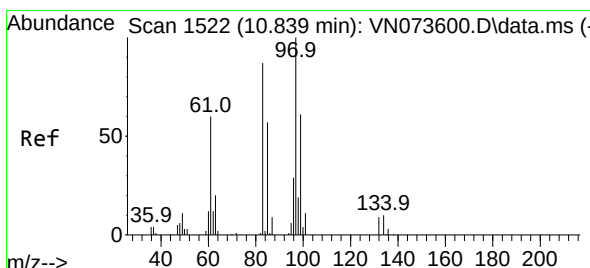
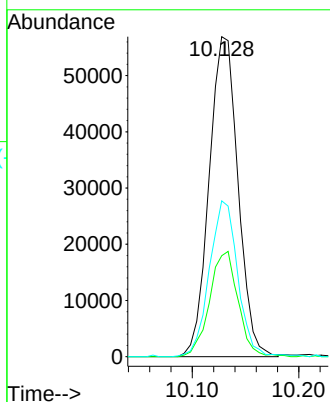
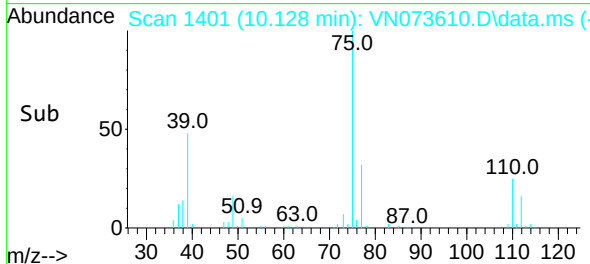
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



Tgt Ion: 75 Resp: 10742
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9
39 48.4 46.2 69.4

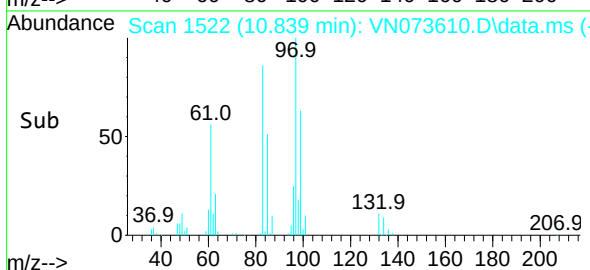
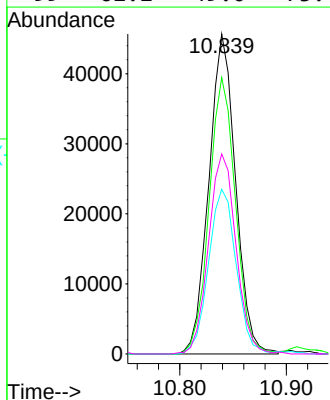
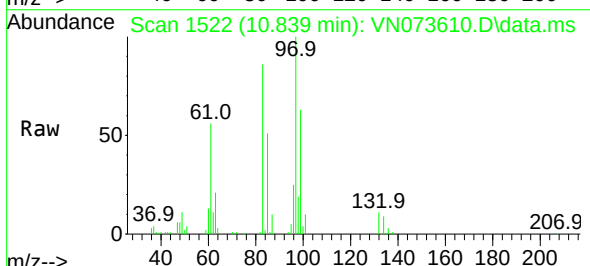
Manual Integrations
APPROVED

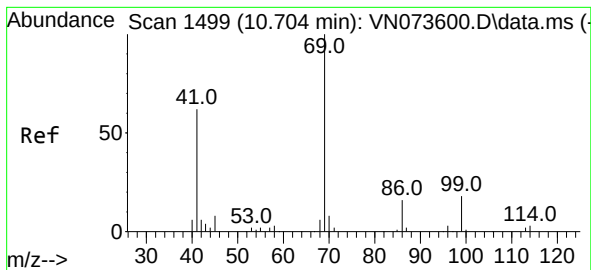
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#50
1,1,2-Trichloroethane
Concen: 22.184 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

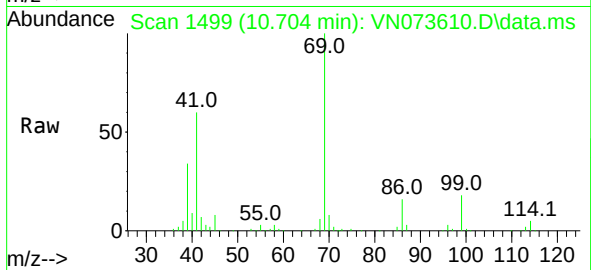
Tgt Ion: 97 Resp: 79592
Ion Ratio Lower Upper
97 100
83 86.4 67.2 100.8
85 51.4 43.0 64.4
99 62.2 49.0 73.4





#51
Ethyl methacrylate
Concen: 21.561 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

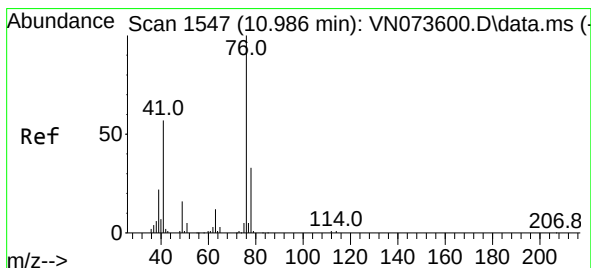
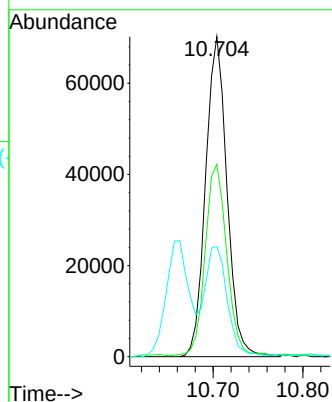
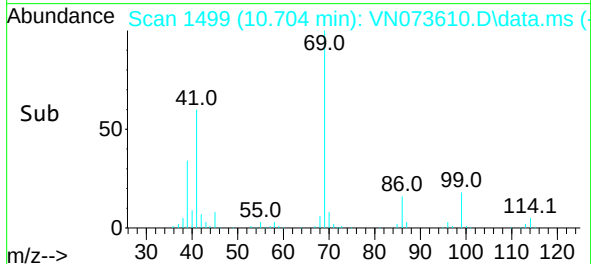
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



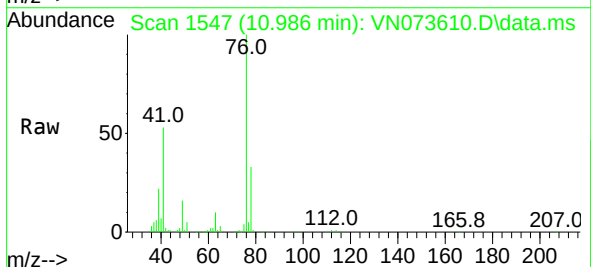
Tgt Ion: 69 Resp: 116298
Ion Ratio Lower Upper
69 100
41 59.4 33.0 98.9
39 33.9 25.4 76.4

Manual Integrations
APPROVED

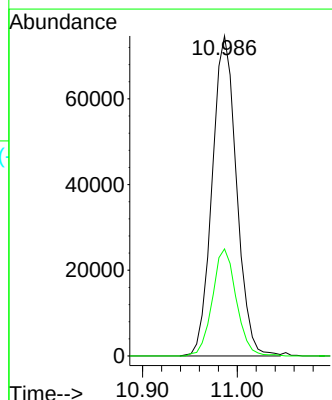
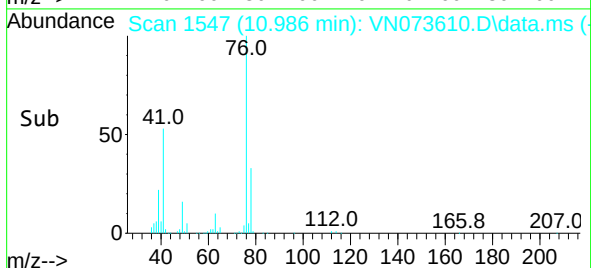
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

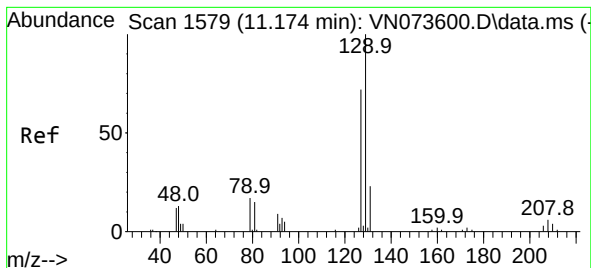


#52
1,3-Dichloropropane
Concen: 22.058 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27



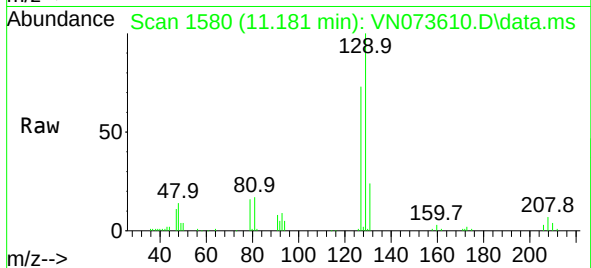
Tgt Ion: 76 Resp: 133393
Ion Ratio Lower Upper
76 100
78 32.7 0.0 65.4





#53
Dibromochloromethane
Concen: 21.365 ug/l
RT: 11.181 min Scan# 1579
Delta R.T. 0.006 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

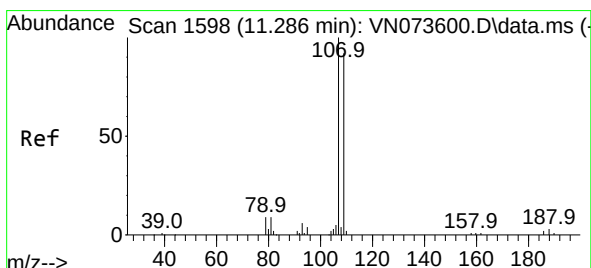
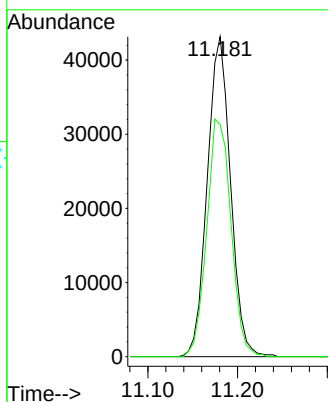
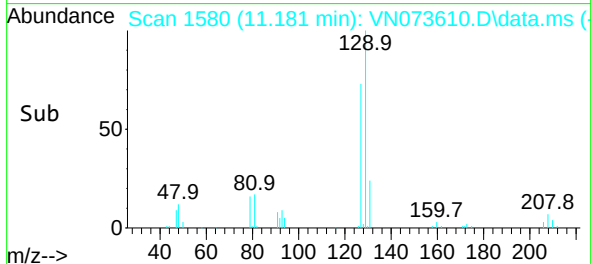
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



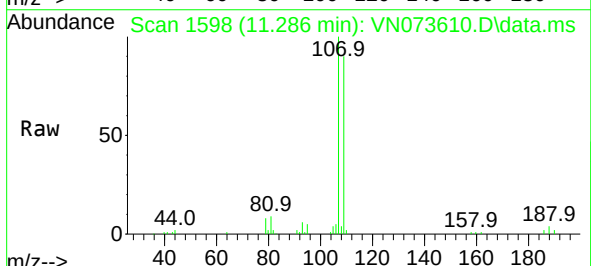
Tgt Ion:129 Resp: 7768
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0

Manual Integrations
APPROVED

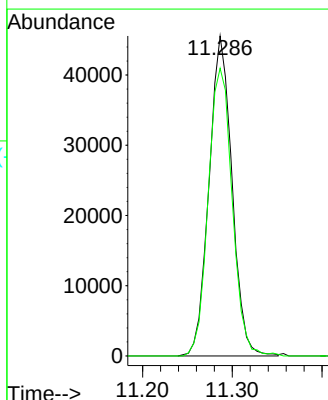
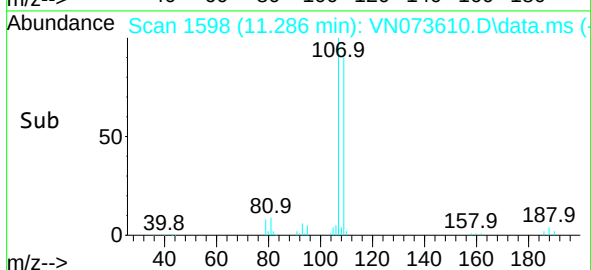
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

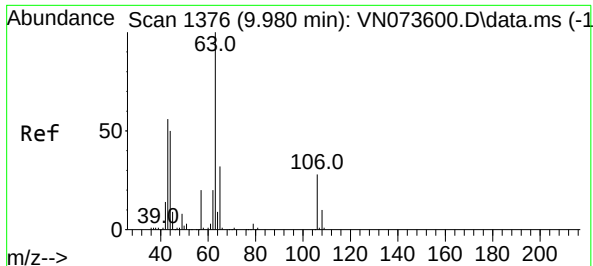


#54
1,2-Dibromoethane
Concen: 22.126 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27



Tgt Ion:107 Resp: 80898
Ion Ratio Lower Upper
107 100
109 93.8 72.8 109.2





#55

2-Chloroethyl vinyl ether

Concen: 109.566 ug/l

RT: 9.981 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073610.D

Acq: 27 Jul 2022 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

Tgt Ion: 63 Resp: 265064

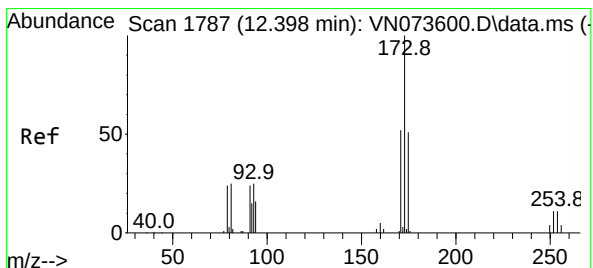
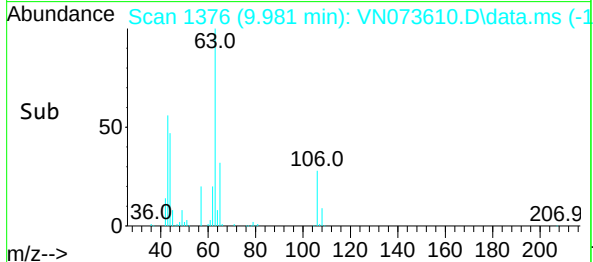
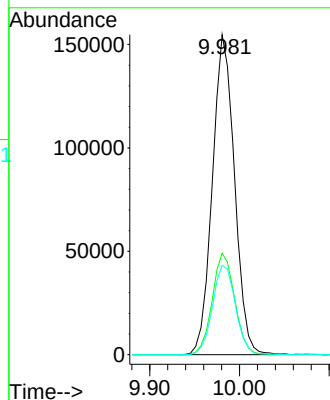
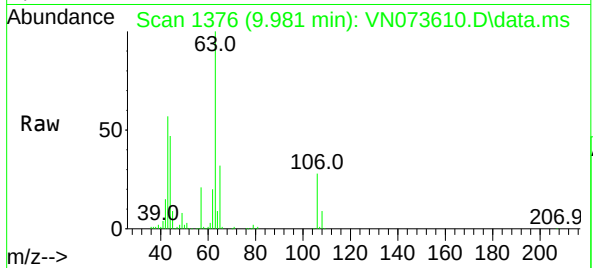
Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.4	38.0
106	29.0	23.2	34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#56

Bromoform

Concen: 20.848 ug/l

RT: 12.398 min Scan# 1787

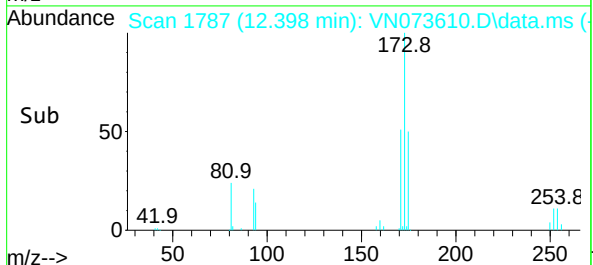
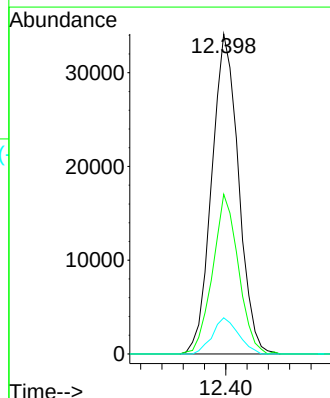
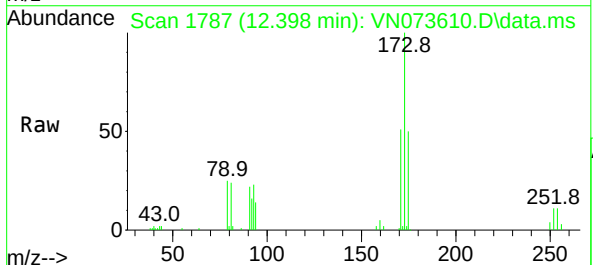
Delta R.T. 0.000 min

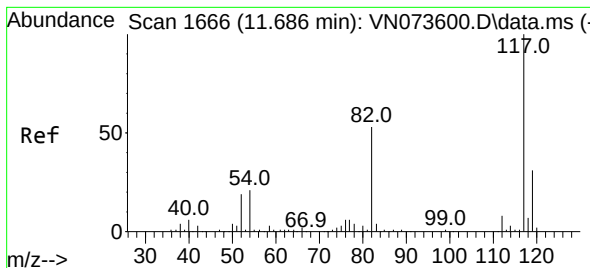
Lab File: VN073610.D

Acq: 27 Jul 2022 16:27

Tgt Ion:173 Resp: 59567

Ion	Ratio	Lower	Upper
173	100		
175	48.0	38.6	58.0
254	11.0	0.0	0.0#





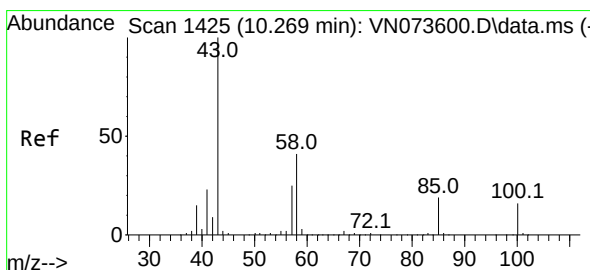
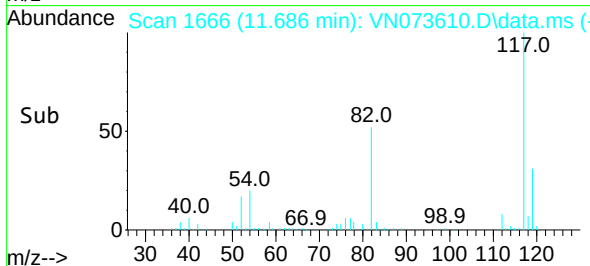
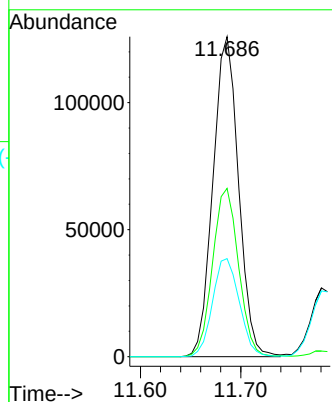
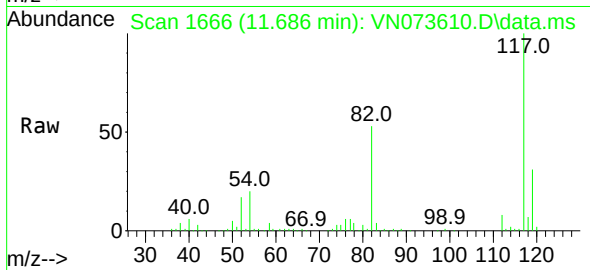
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tgt Ion: 117 Resp: 223093
Ion Ratio Lower Upper
117 100
82 53.5 43.6 65.4
119 32.2 25.8 38.6

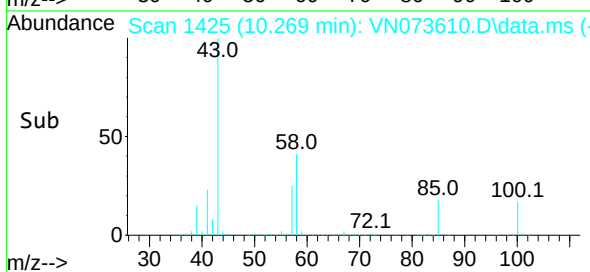
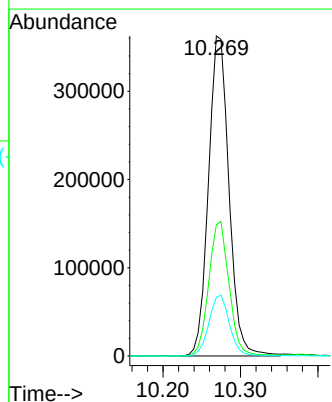
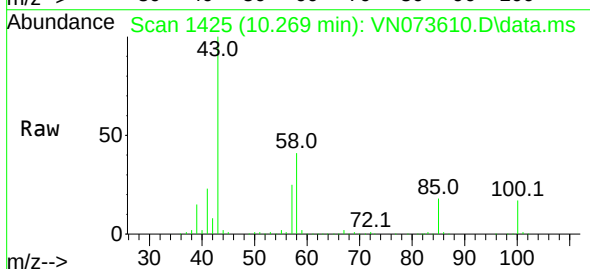
Manual Integrations
APPROVED

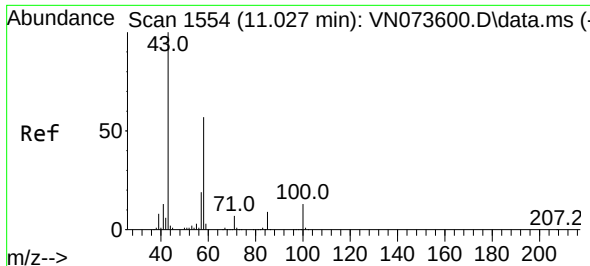
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#58
4-Methyl-2-Pentanone
Concen: 115.850 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

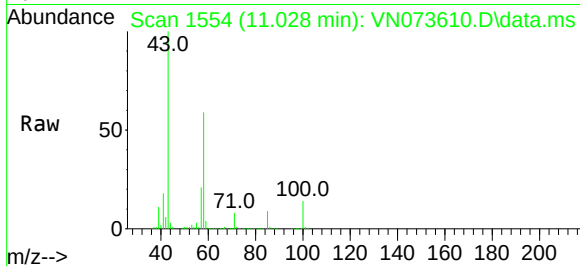
Tgt Ion: 43 Resp: 668287
Ion Ratio Lower Upper
43 100
58 41.7 30.0 45.0
85 19.0 15.0 22.6





#59
2-Hexanone
Concen: 116.025 ug/l
RT: 11.028 min Scan# 11551
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

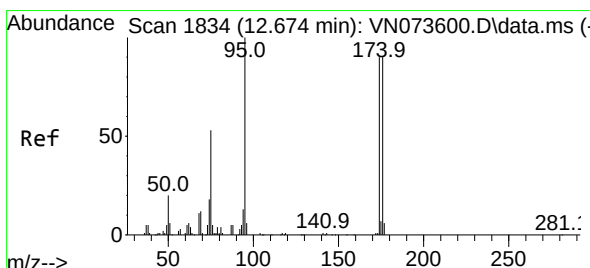
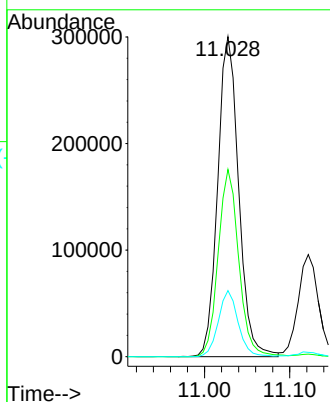
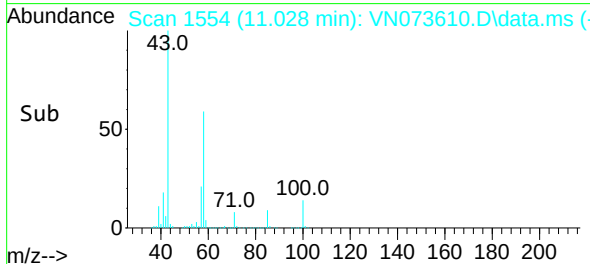
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



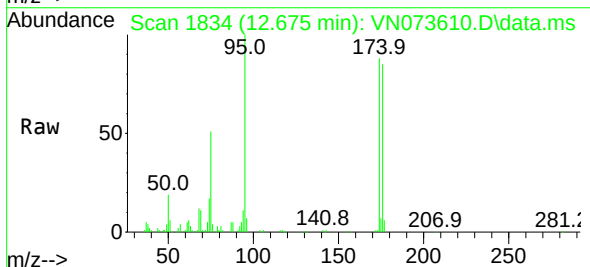
Tgt Ion: 43 Resp: 51551
Ion Ratio Lower Upper
43 100
58 57.3 42.2 63.2
57 19.5 15.0 22.4

Manual Integrations
APPROVED

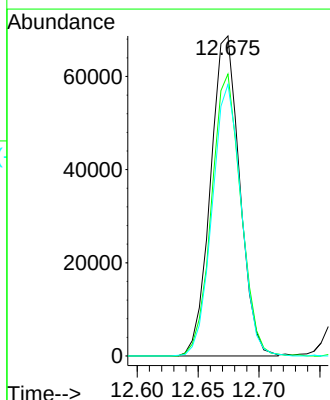
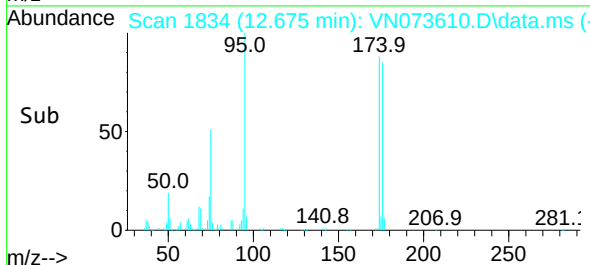
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

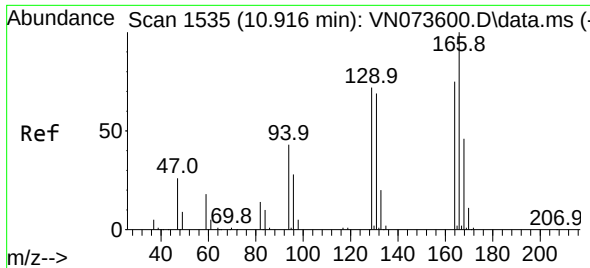


#60
4-Bromofluorobenzene
Concen: 29.010 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27



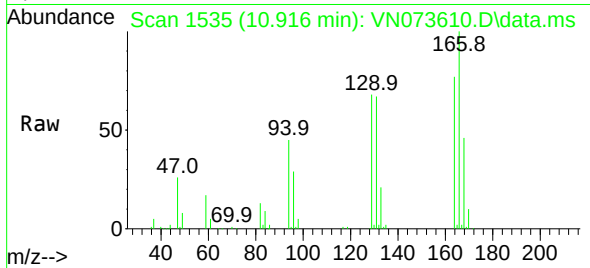
Tgt Ion: 95 Resp: 114597
Ion Ratio Lower Upper
95 100
174 88.2 62.9 94.3
176 84.0 61.0 91.4





#61
Tetrachloroethene
Concen: 18.452 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

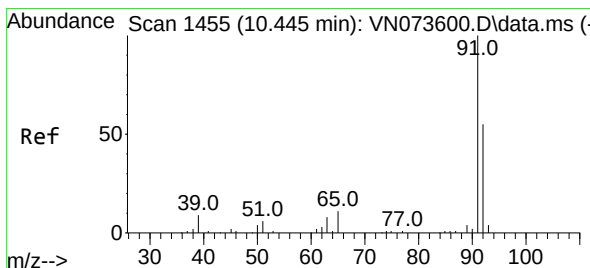
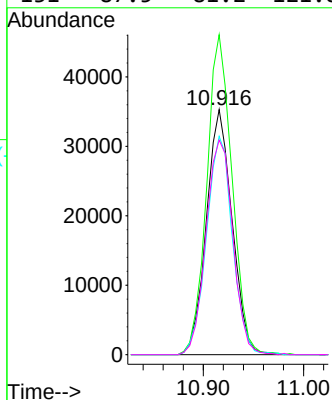
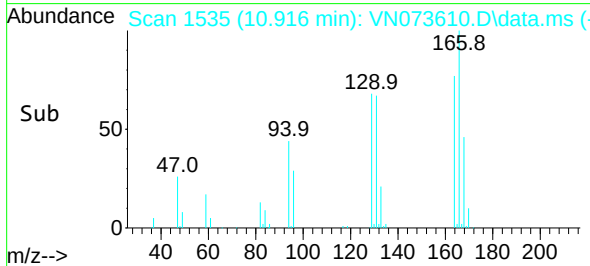
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



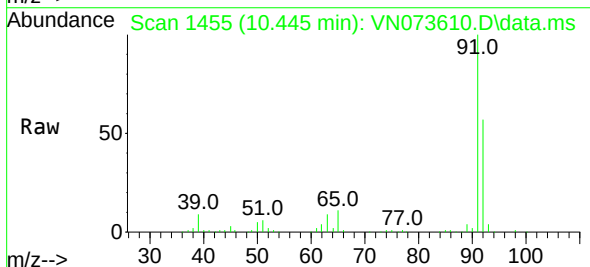
Tgt Ion:164 Resp: 6305
Ion Ratio Lower Upper
164 100
166 130.6 105.8 158.8
129 89.1 82.5 123.7
131 87.5 81.2 121.8

Manual Integrations
APPROVED

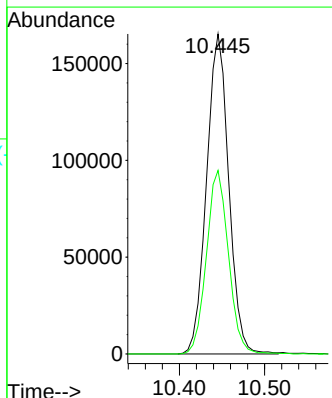
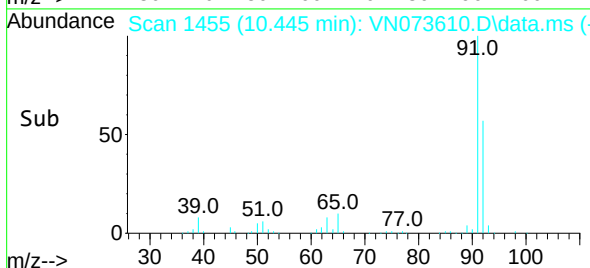
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

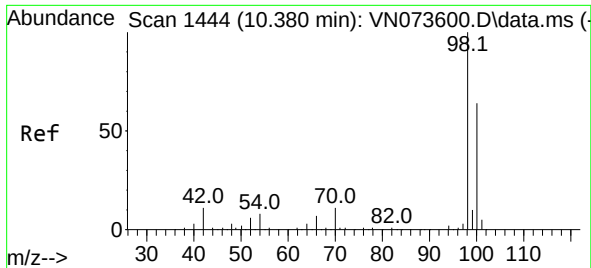


#62
Toluene
Concen: 19.260 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27



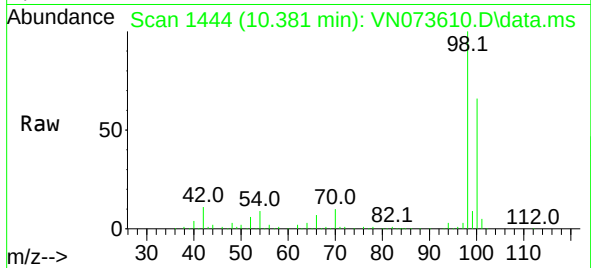
Tgt Ion: 91 Resp: 298794
Ion Ratio Lower Upper
91 100
92 57.0 44.6 67.0





#63
Toluene-d8
Concen: 29.584 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

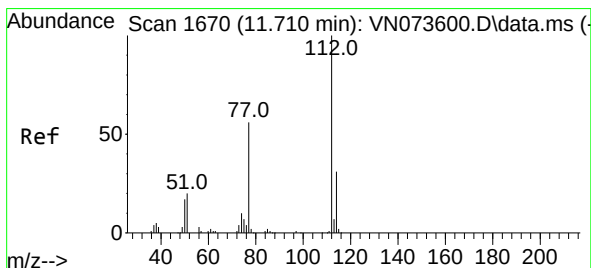
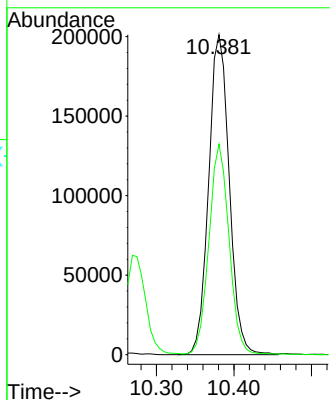
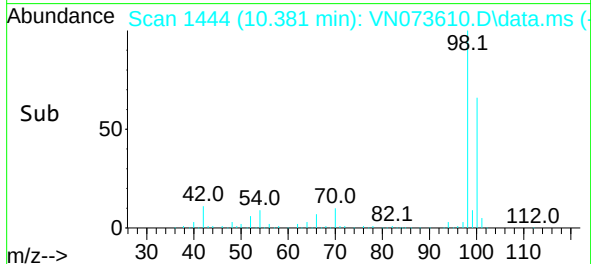
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



Tgt Ion: 98 Resp: 371630
Ion Ratio Lower Upper
98 100
100 64.4 50.6 76.0

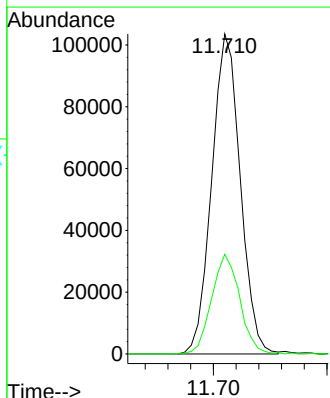
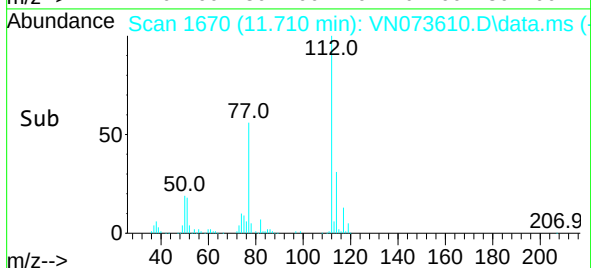
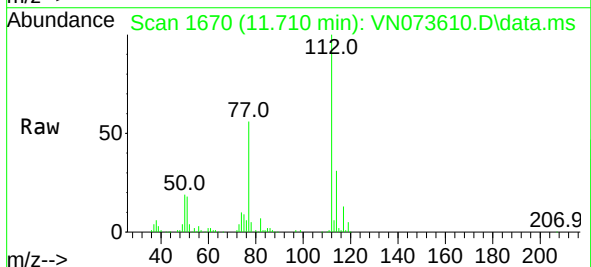
Manual Integrations
APPROVED

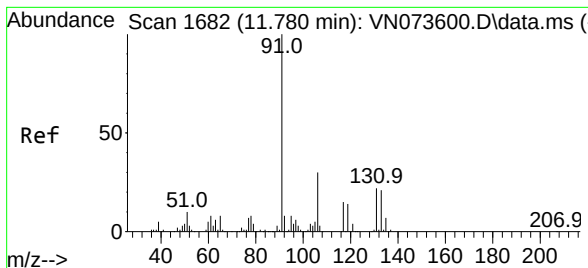
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#64
Chlorobenzene
Concen: 19.461 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

Tgt Ion:112 Resp: 180393
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6





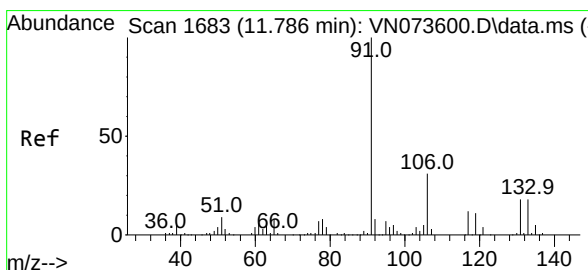
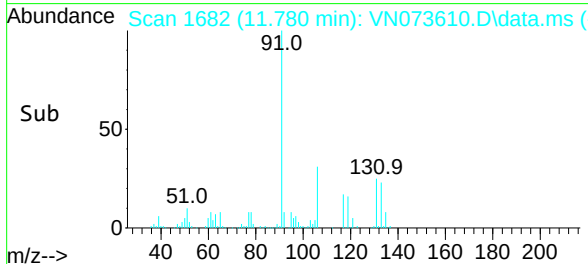
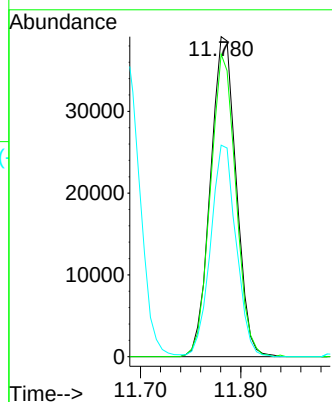
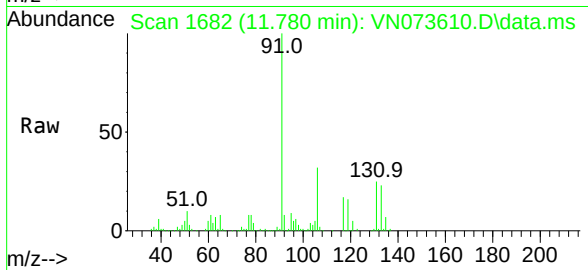
#65
1,1,1,2-Tetrachloroethane
Concen: 20.326 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tgt Ion:131 Resp: 6993
Ion Ratio Lower Upper
131 100
133 92.9 0.0 191.2
119 65.5 0.0 128.8

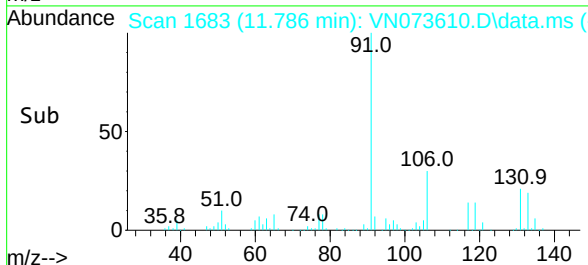
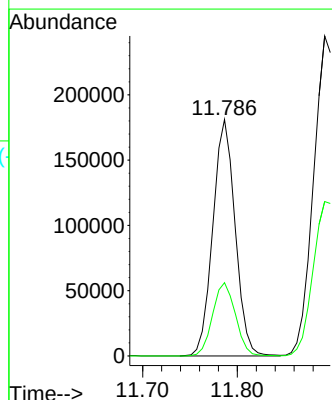
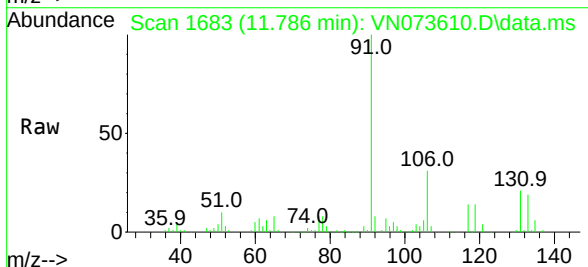
Manual Integrations
APPROVED

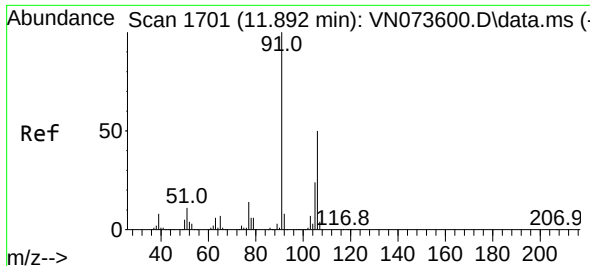
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#66
Ethyl Benzene
Concen: 17.886 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

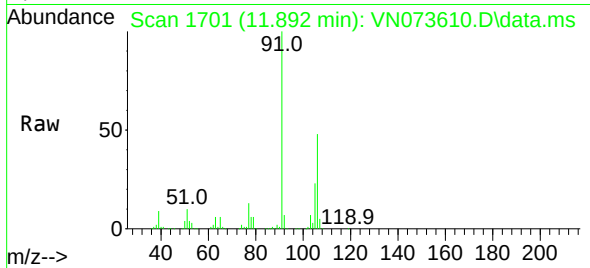
Tgt Ion: 91 Resp: 296654
Ion Ratio Lower Upper
91 100
106 31.0 24.0 36.0





#67
m/p-Xylenes
Concen: 36.772 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

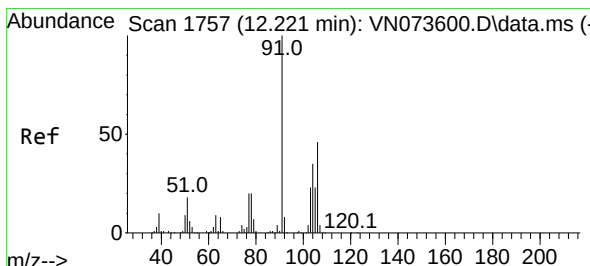
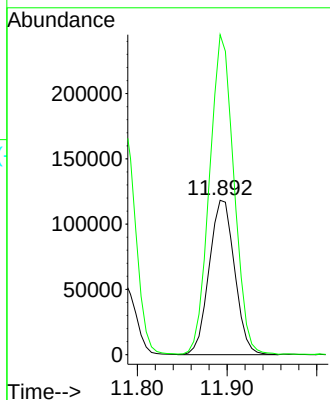
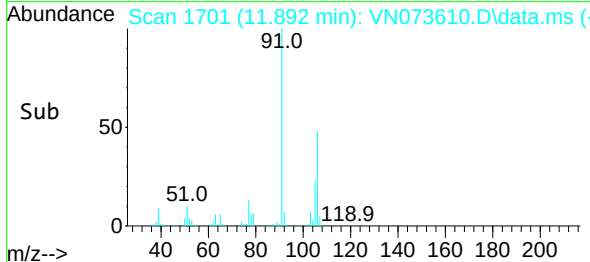
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



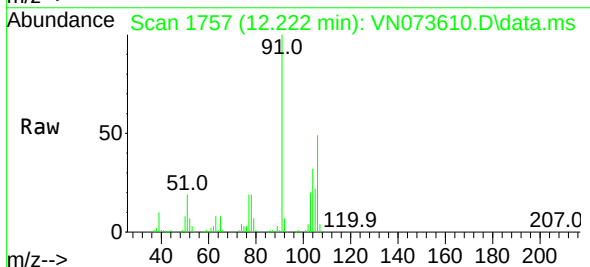
Tgt Ion:106 Resp: 23311
Ion Ratio Lower Upper
106 100
91 199.2 162.9 244.3

Manual Integrations
APPROVED

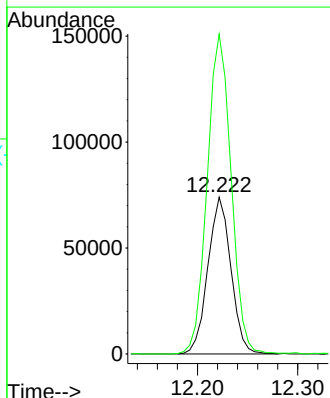
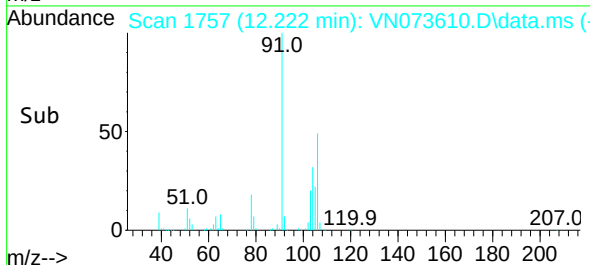
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

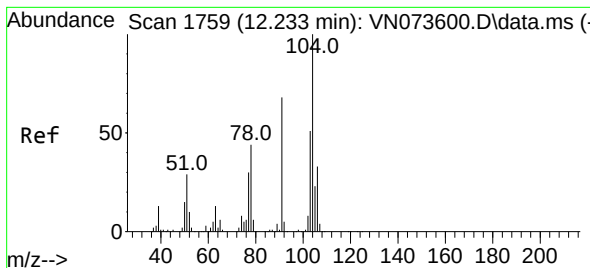


#68
o-Xylene
Concen: 18.780 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27



Tgt Ion:106 Resp: 118250
Ion Ratio Lower Upper
106 100
91 212.0 107.7 323.1





#69

Styrene

Concen: 18.731 ug/l

RT: 12.233 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN073610.D

Acq: 27 Jul 2022 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

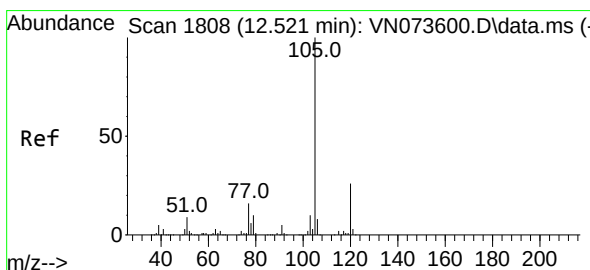
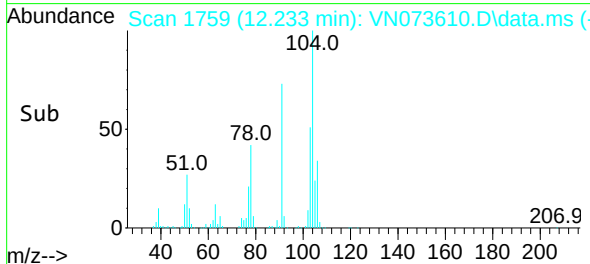
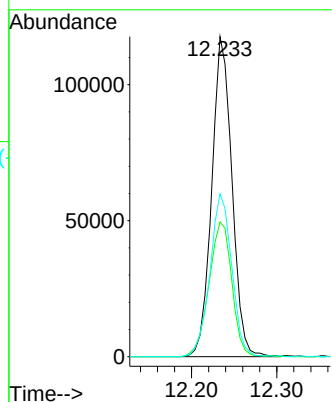
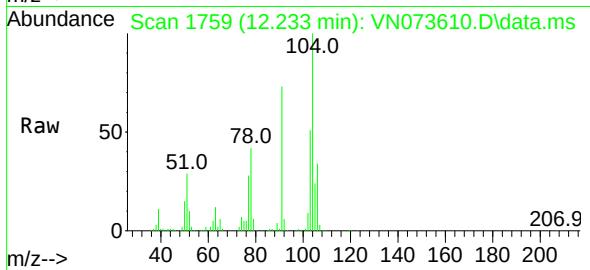
Tgt Ion:	104	Resp:	194390
Ion Ratio	Lower	Upper	
104	100		
78	47.5	40.7	61.1
103	54.8	45.8	68.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#70

Isopropylbenzene

Concen: 17.597 ug/l

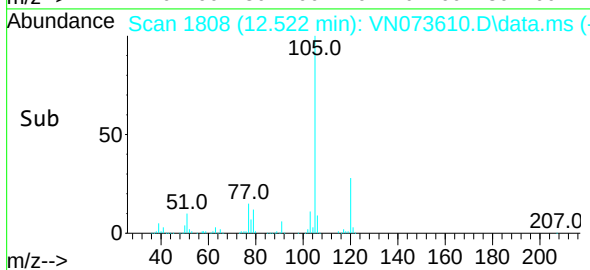
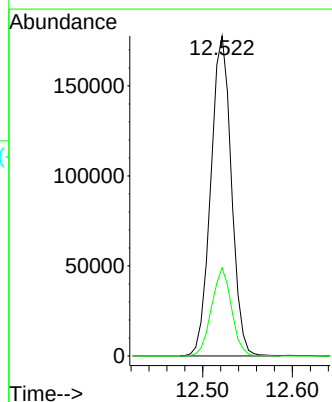
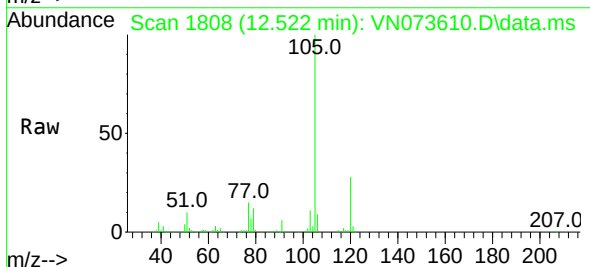
RT: 12.522 min Scan# 1808

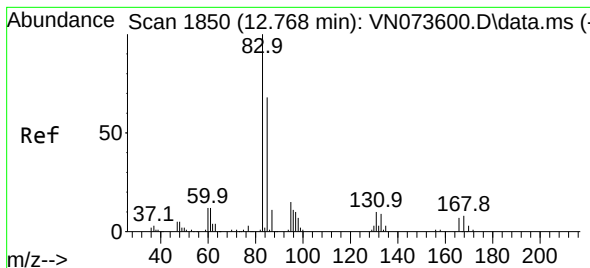
Delta R.T. 0.000 min

Lab File: VN073610.D

Acq: 27 Jul 2022 16:27

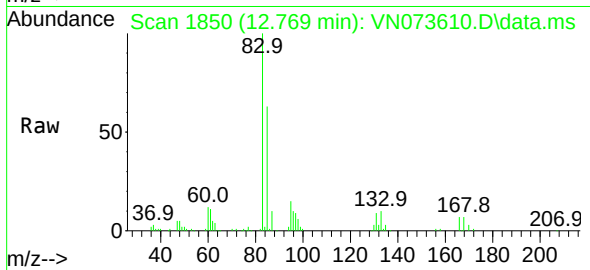
Tgt Ion:	105	Resp:	283272
Ion Ratio	Lower	Upper	
105	100		
120	26.5	18.3	34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 22.426 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

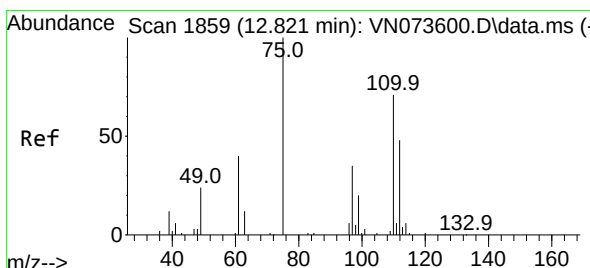
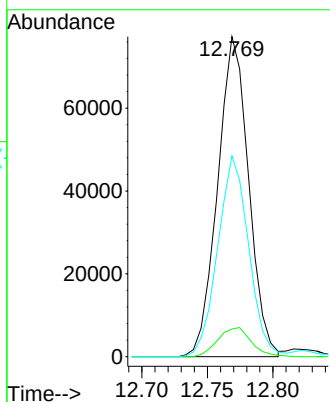
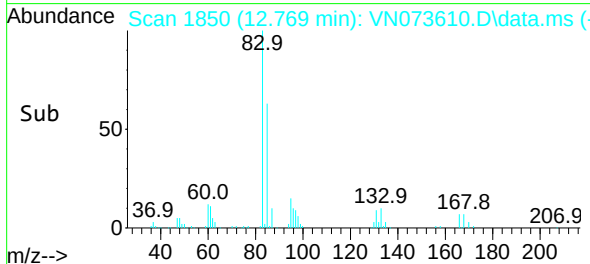
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



Tgt Ion: 83 Resp: 12694
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.3
85 62.7 33.1 99.2

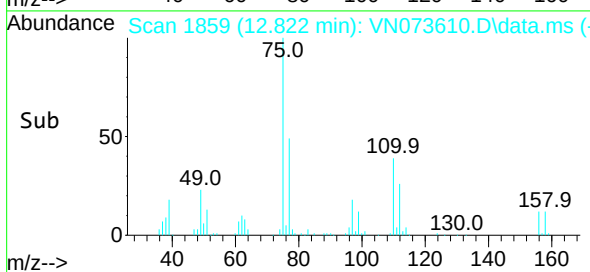
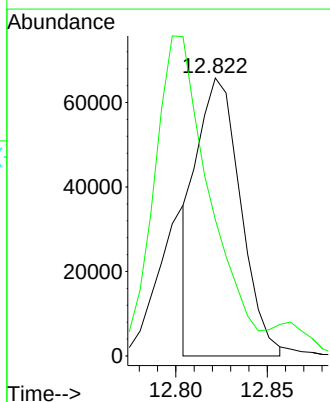
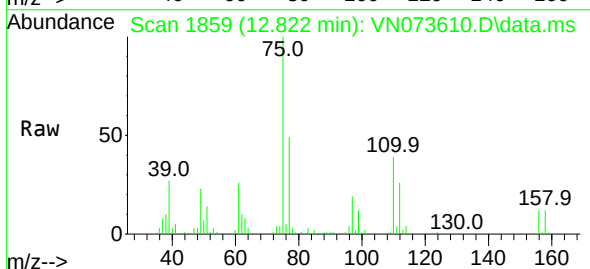
Manual Integrations
APPROVED

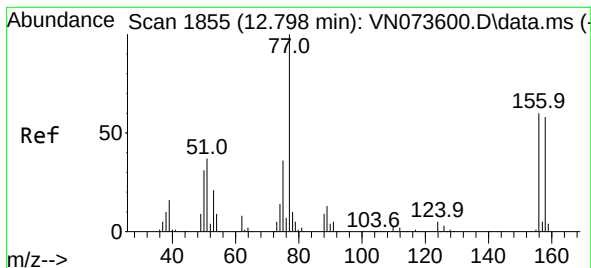
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#72
1,2,3-Trichloropropane
Concen: 23.453 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

Tgt Ion: 75 Resp: 110871
Ion Ratio Lower Upper
75 100
77 145.0 0.0 378.0





#73

Bromobenzene

Concen: 19.308 ug/l

RT: 12.804 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN073610.D

Acq: 27 Jul 2022 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

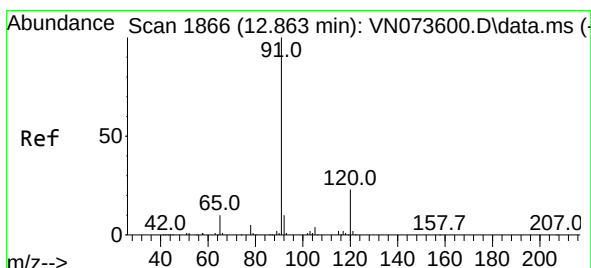
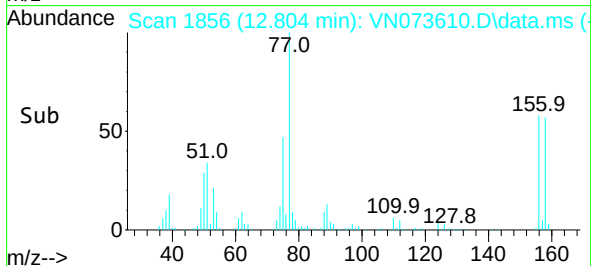
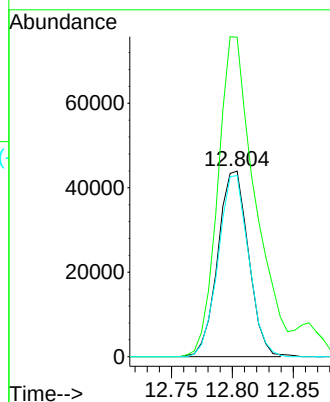
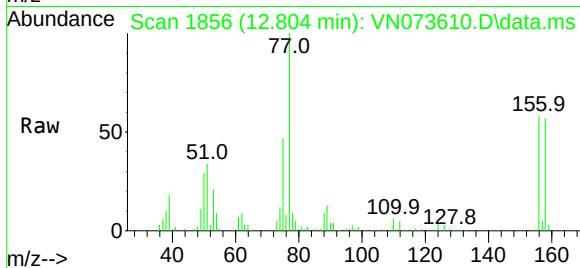
Tgt Ion:	156	Resp:	77208
Ion Ratio	Lower	Upper	
156	100		
77	208.2	0.0	416.0
158	97.0	0.0	195.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#74

n-propylbenzene

Concen: 16.959 ug/l

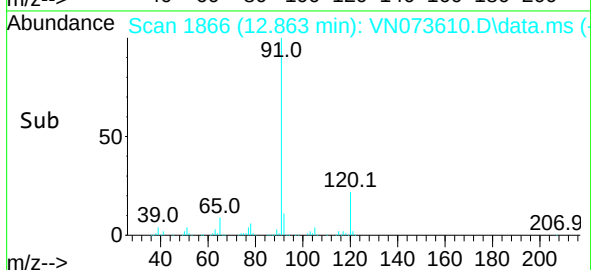
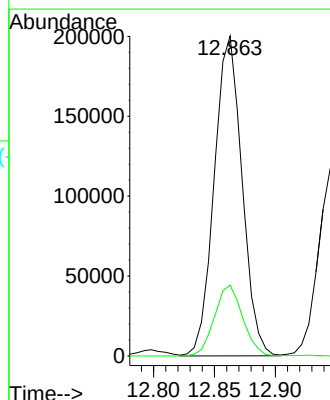
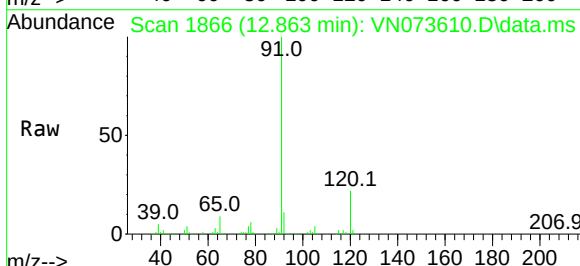
RT: 12.863 min Scan# 1866

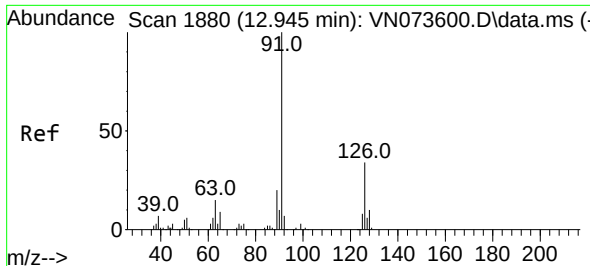
Delta R.T. 0.000 min

Lab File: VN073610.D

Acq: 27 Jul 2022 16:27

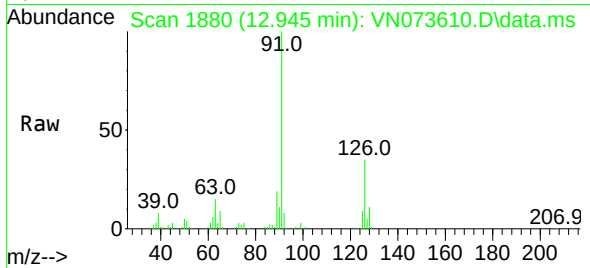
Tgt Ion:	91	Resp:	317720
Ion Ratio	Lower	Upper	
91	100		
120	22.4	0.0	45.0





#75
2-Chlorotoluene
Concen: 18.184 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

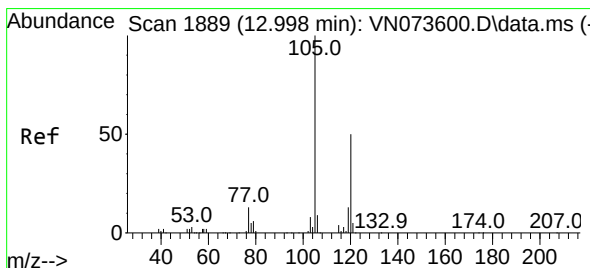
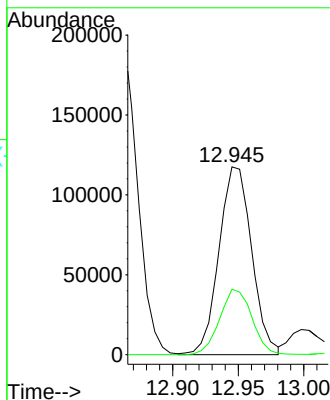
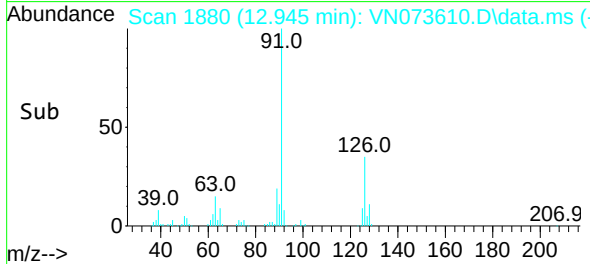
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



Tgt Ion: 91 Resp: 204208
Ion Ratio Lower Upper
91 100
126 34.3 0.0 69.8

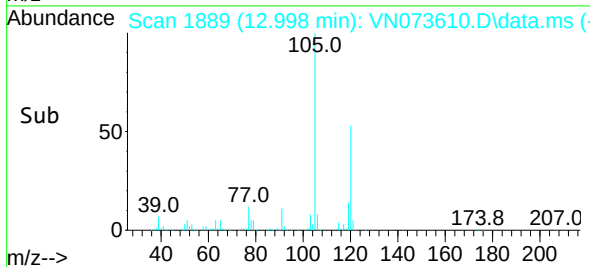
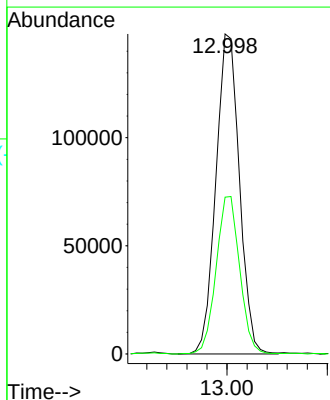
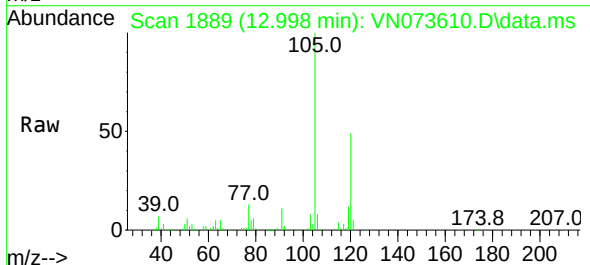
Manual Integrations
APPROVED

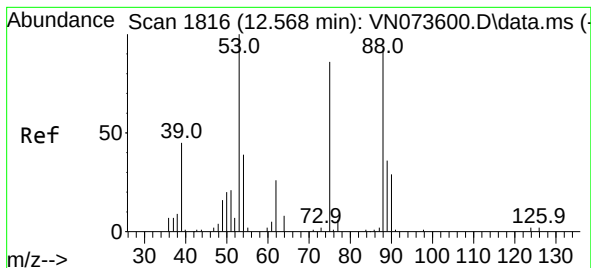
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#76
1,3,5-Trimethylbenzene
Concen: 17.827 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

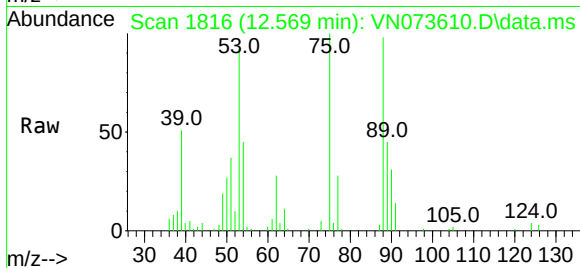
Tgt Ion:105 Resp: 240375
Ion Ratio Lower Upper
105 100
120 49.3 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.767 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

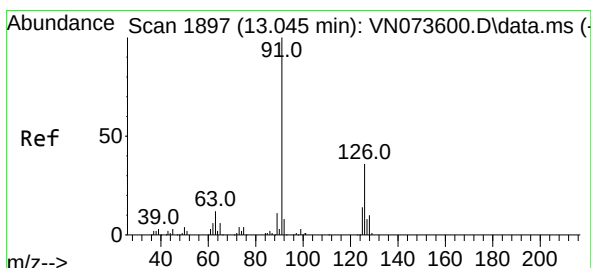
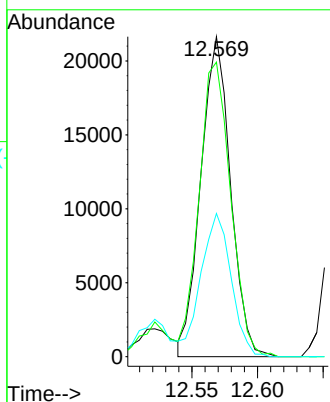
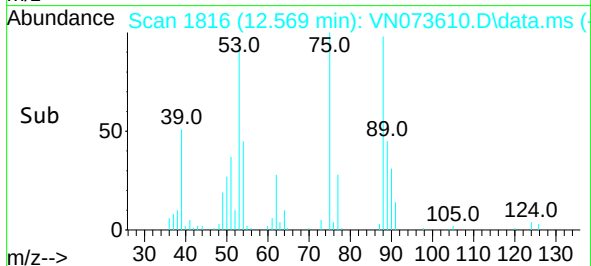
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



Tgt Ion: 75 Resp: 3405
Ion Ratio Lower Upper
75 100
53 92.1 51.8 155.5
89 44.8 22.9 68.7

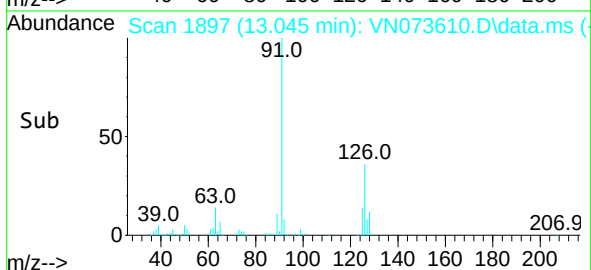
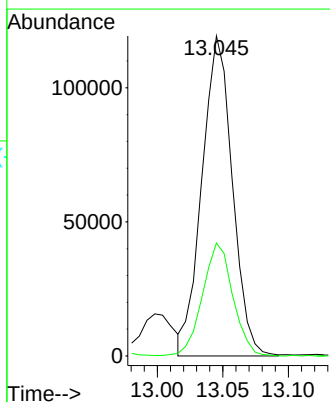
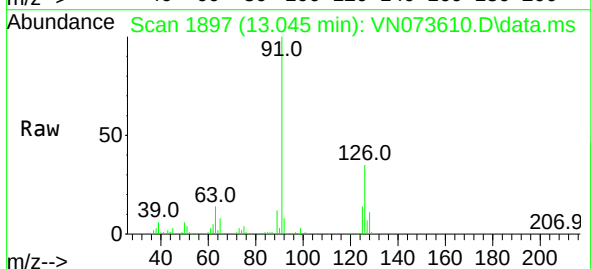
Manual Integrations
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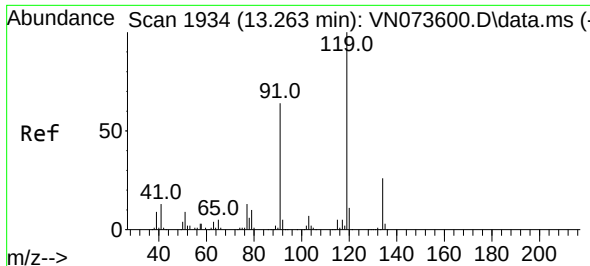
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#78
4-Chlorotoluene
Concen: 17.830 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

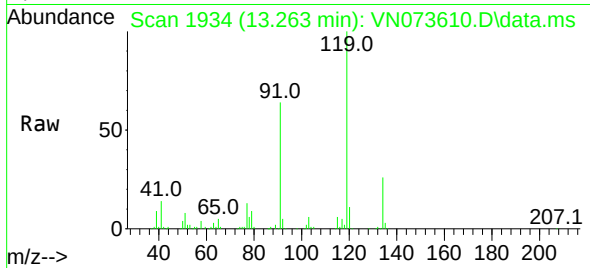
Tgt Ion: 91 Resp: 192354
Ion Ratio Lower Upper
91 100
126 35.2 0.0 70.6





#79
tert-butylbenzene
Concen: 17.265 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

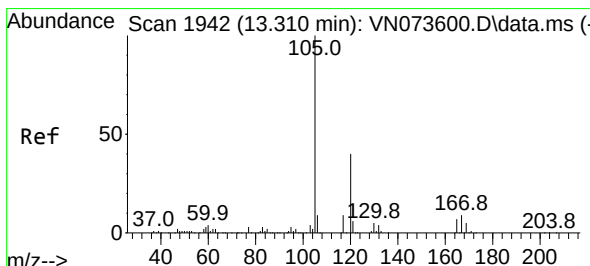
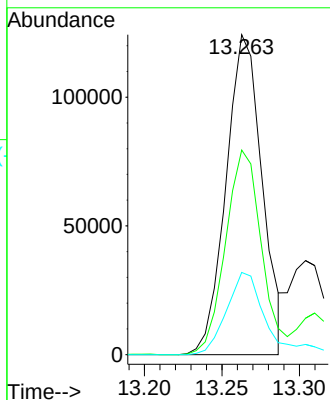
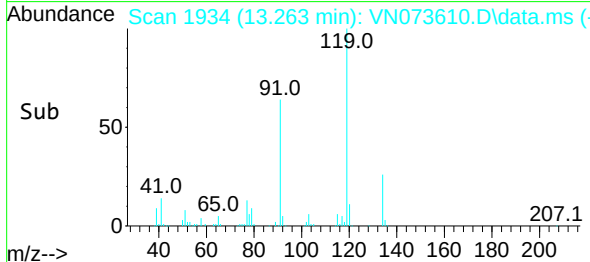
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



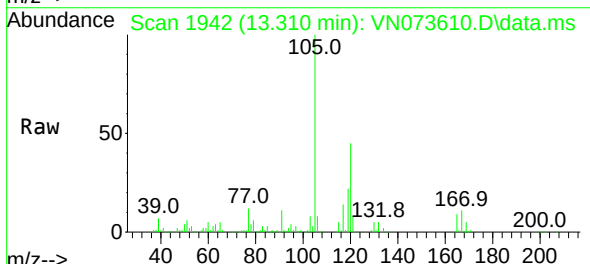
Tgt Ion:119 Resp: 201264
Ion Ratio Lower Upper
119 100
91 63.8 0.0 137.0
134 26.3 0.0 47.6

Manual Integrations
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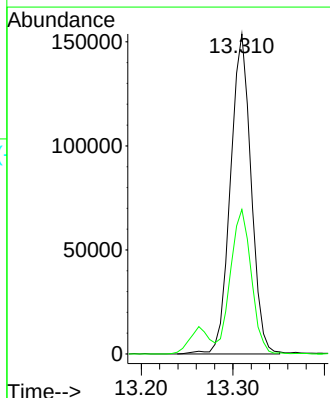
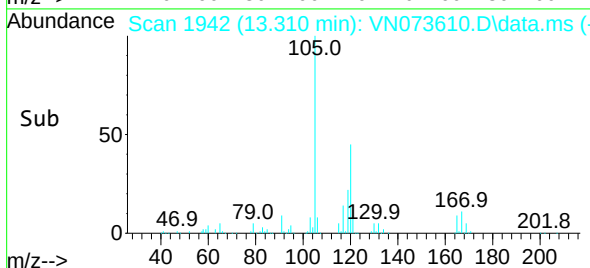
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

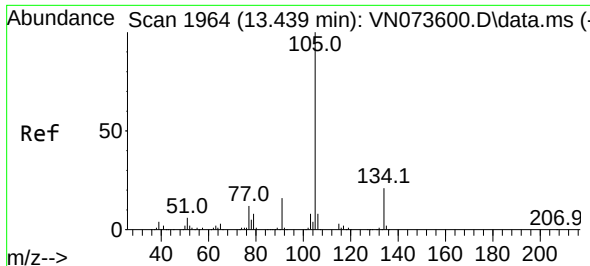


#80
1,2,4-Trimethylbenzene
Concen: 18.032 ug/l m
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27



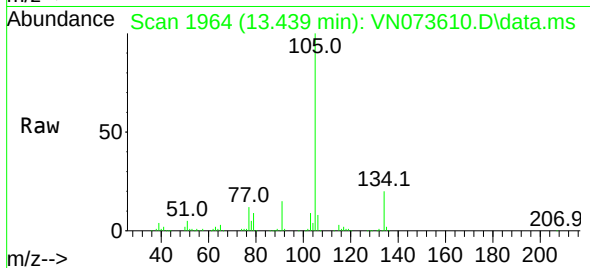
Tgt Ion:105 Resp: 240832
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 16.642 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073610.D
 Acq: 27 Jul 2022 16:27

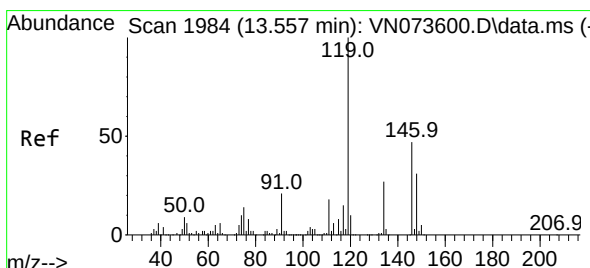
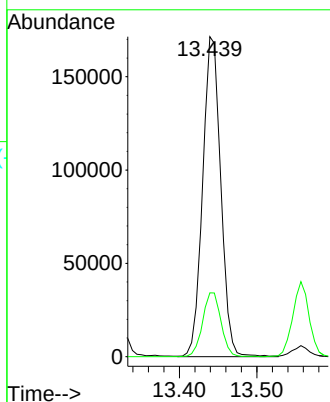
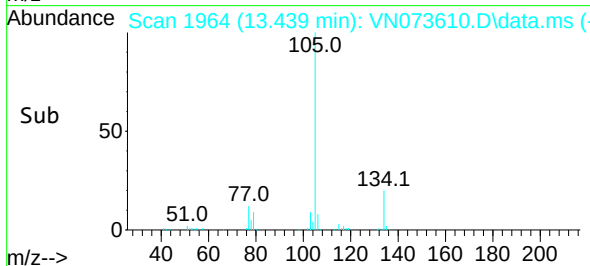
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01



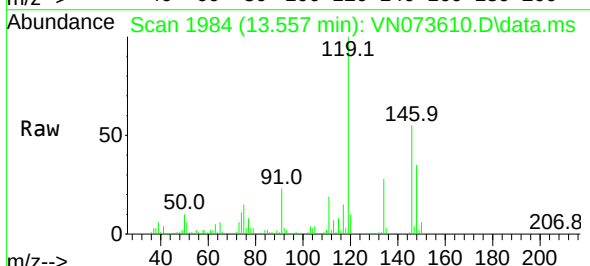
Tgt Ion:105 Resp: 278564
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 39.4

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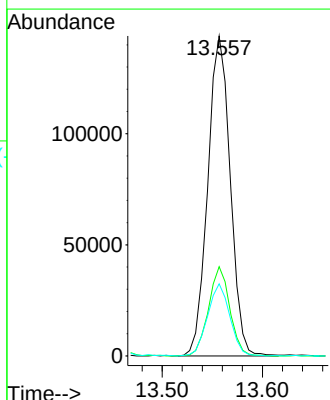
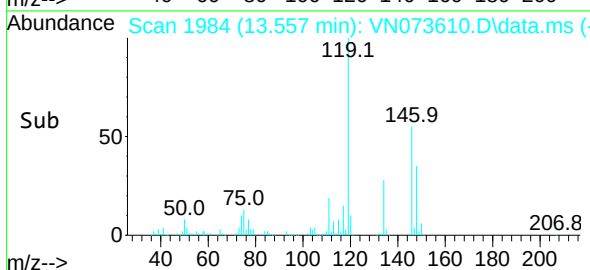
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022

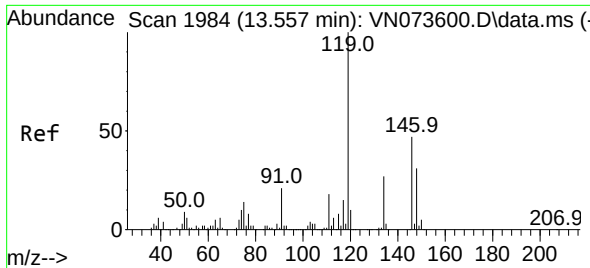


#82
 p-Isopropyltoluene
 Concen: 16.353 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN073610.D
 Acq: 27 Jul 2022 16:27



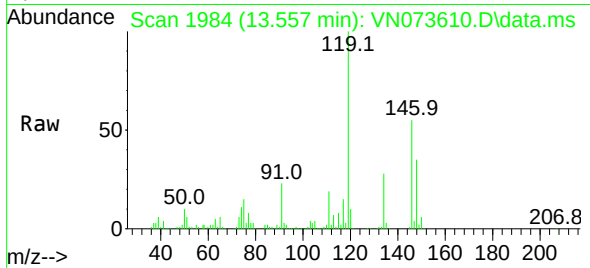
Tgt Ion:119 Resp: 224727
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 51.8
 91 22.4 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 18.046 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

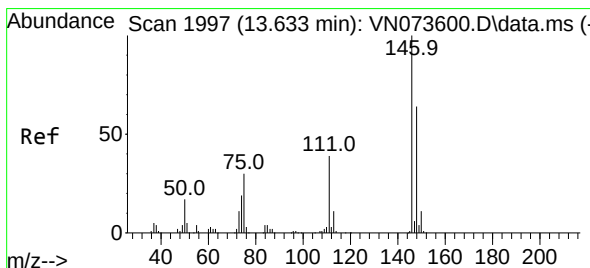
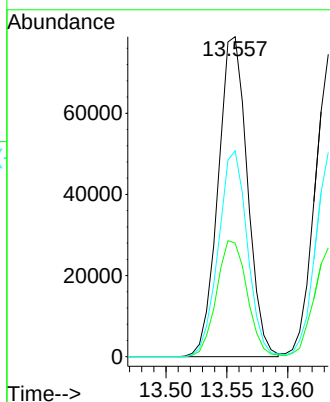
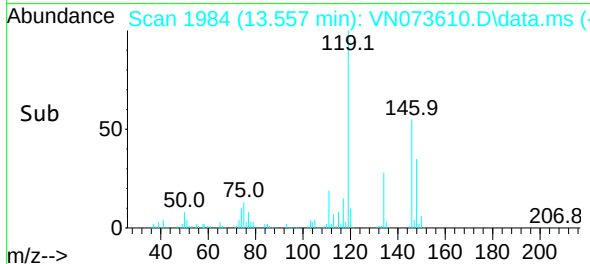
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



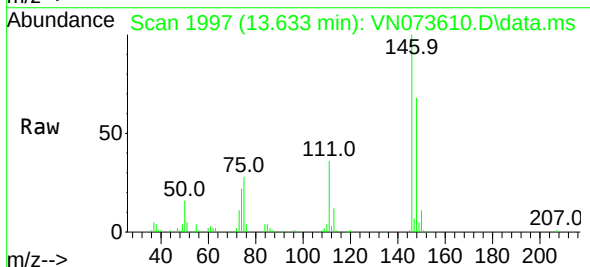
Tgt Ion:146 Resp: 132092
Ion Ratio Lower Upper
146 100
111 37.8 20.8 62.2
148 63.6 31.4 94.3

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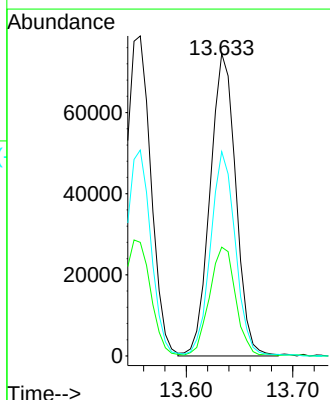
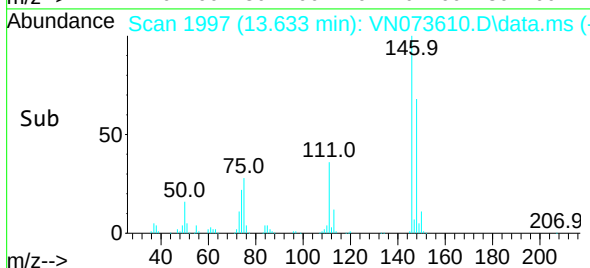
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

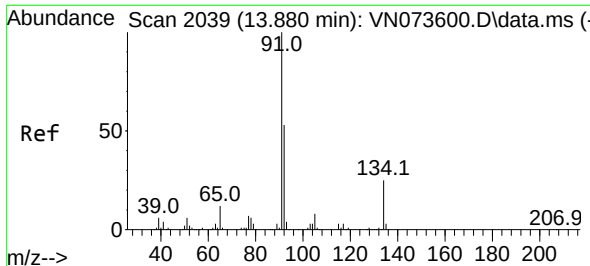


#84
1,4-Dichlorobenzene
Concen: 17.729 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27



Tgt Ion:146 Resp: 125184
Ion Ratio Lower Upper
146 100
111 36.5 19.5 58.5
148 64.9 31.1 93.5





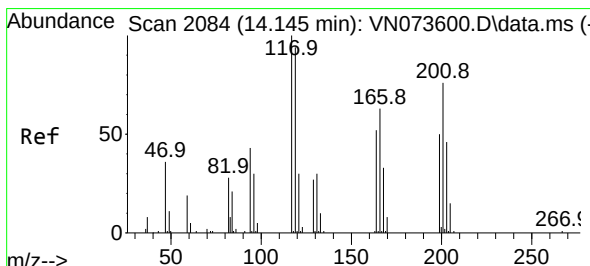
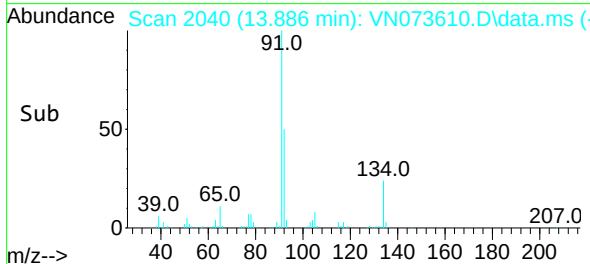
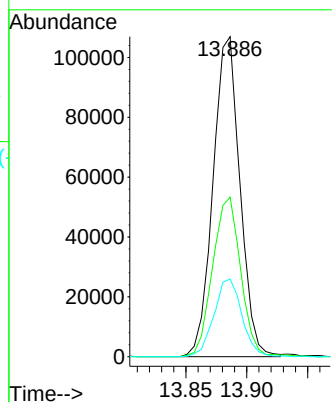
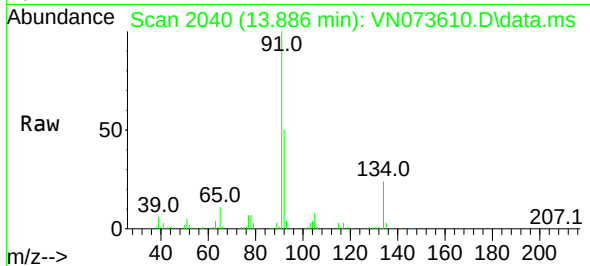
#85
n-Butylbenzene
Concen: 14.764 ug/l
RT: 13.886 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tgt Ion: 91 Resp: 16446
Ion Ratio Lower Upper
91 100
92 51.5 0.0 100.6
134 25.2 0.0 50.2

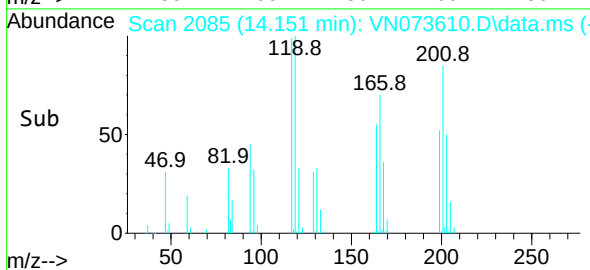
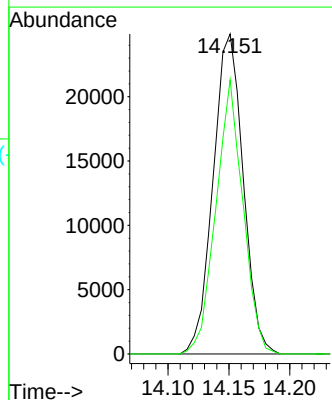
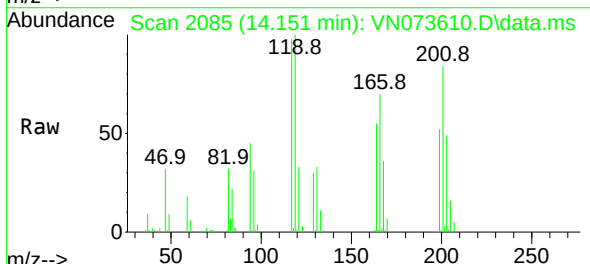
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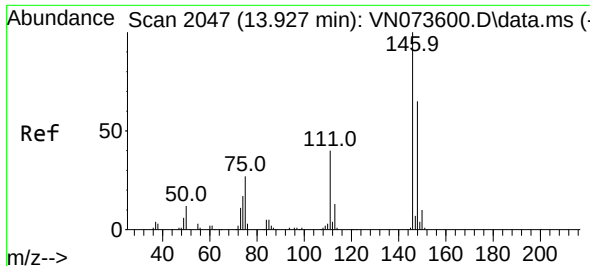
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#86
Hexachloroethane
Concen: 16.960 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

Tgt Ion:117 Resp: 42742
Ion Ratio Lower Upper
117 100
201 77.1 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 18.806 ug/l

RT: 13.927 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VN073610.D

Acq: 27 Jul 2022 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

Tgt Ion:146 Resp: 13917

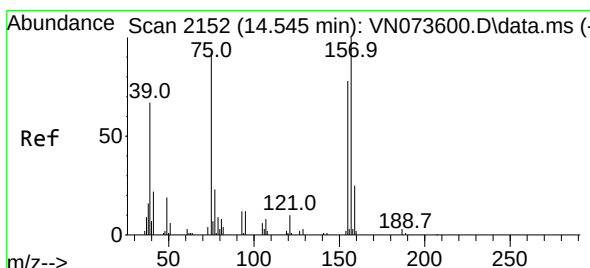
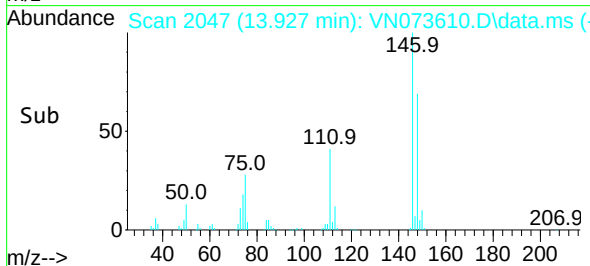
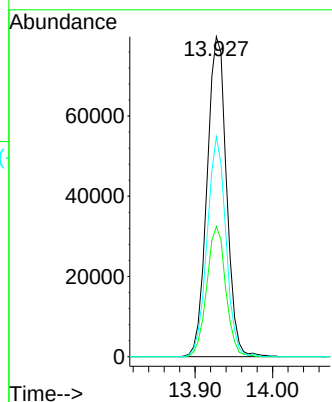
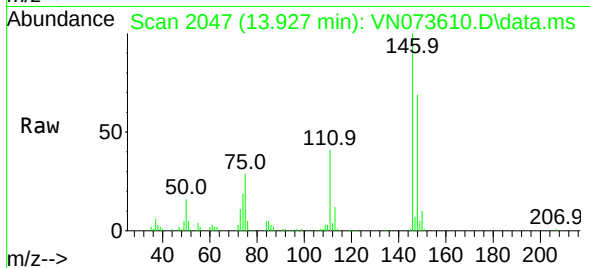
Ion	Ratio	Lower	Upper
146	100		
111	39.5	21.4	64.2
148	65.9	32.5	97.4

Manual Integrations

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Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 21.187 ug/l

RT: 14.545 min Scan# 2152

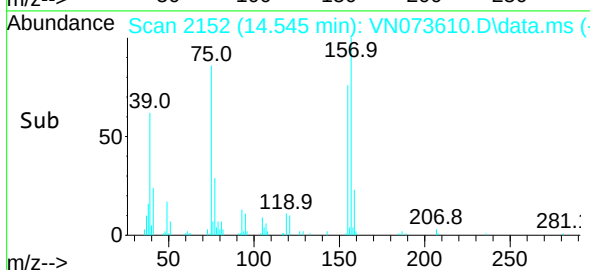
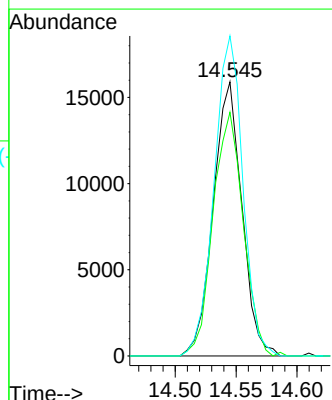
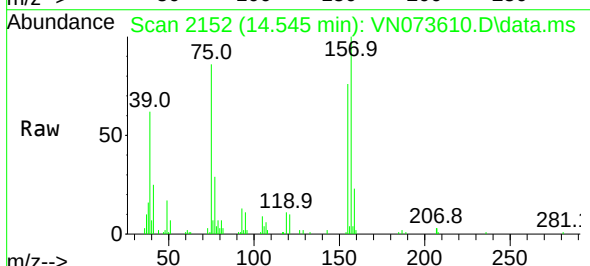
Delta R.T. 0.000 min

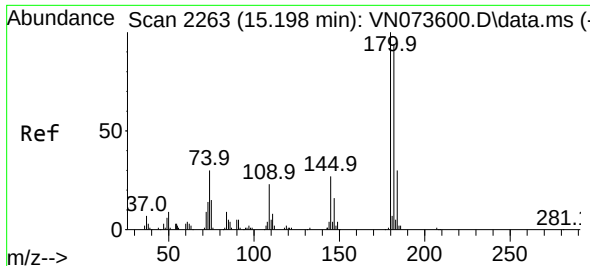
Lab File: VN073610.D

Acq: 27 Jul 2022 16:27

Tgt Ion: 75 Resp: 26195

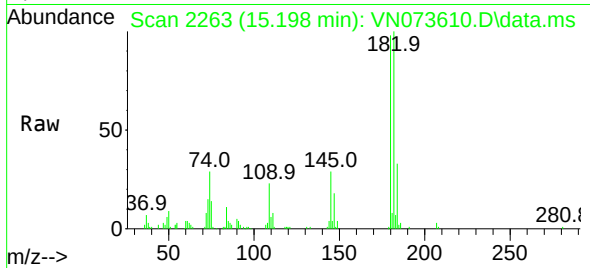
Ion	Ratio	Lower	Upper
75	100		
155	93.0	63.8	95.8
157	116.7	77.9	116.9





#89
1,2,4-Trichlorobenzene
Concen: 15.880 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

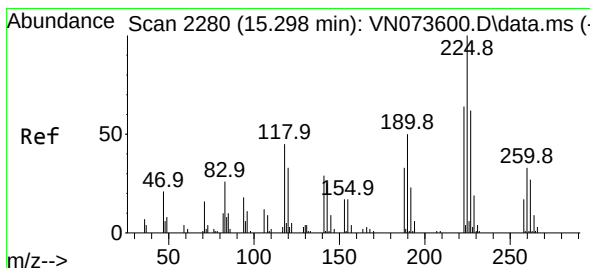
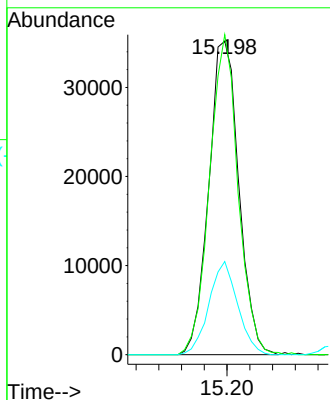
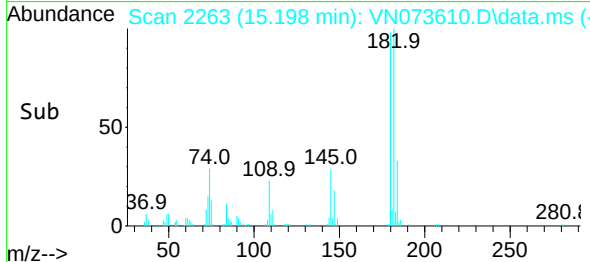
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



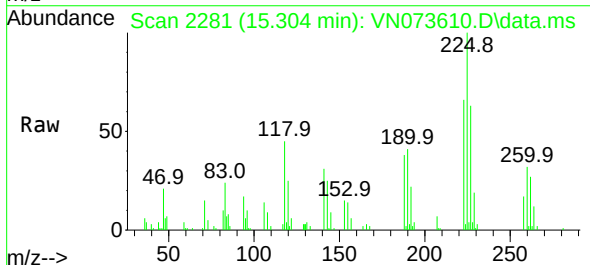
Tgt Ion:180 Resp: 64679
Ion Ratio Lower Upper
180 100
182 96.7 77.7 116.5
145 28.4 26.6 39.8

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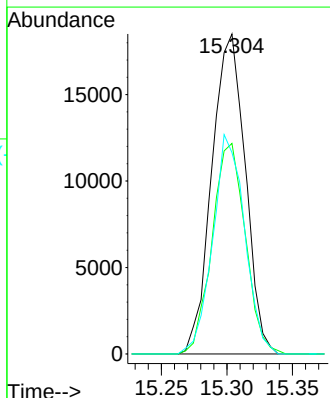
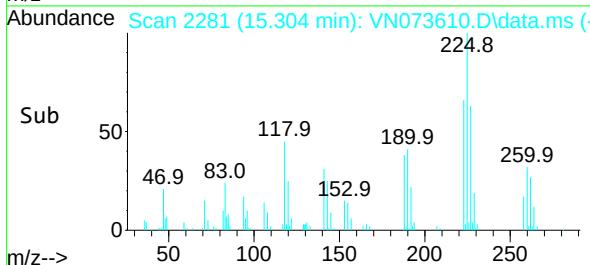
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

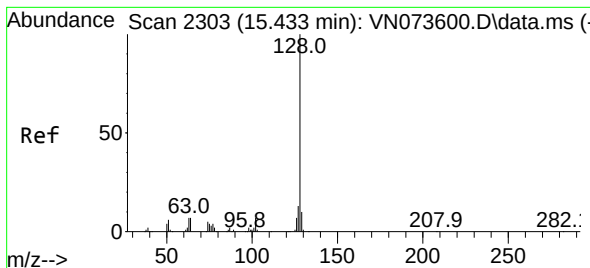


#90
Hexachlorobutadiene
Concen: 15.913 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.006 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27



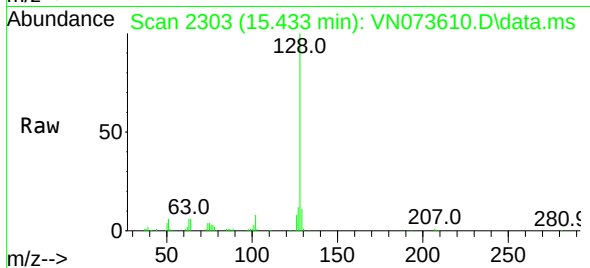
Tgt Ion:225 Resp: 32828
Ion Ratio Lower Upper
225 100
223 65.3 0.0 126.8
227 65.2 0.0 123.0





#91
Naphthalene
Concen: 18.543 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

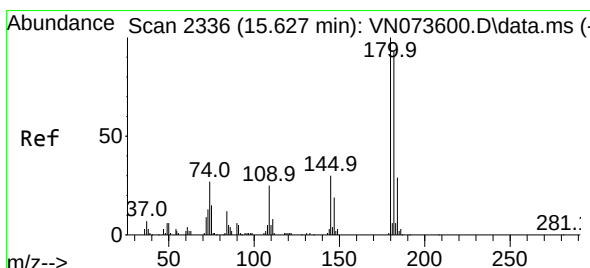
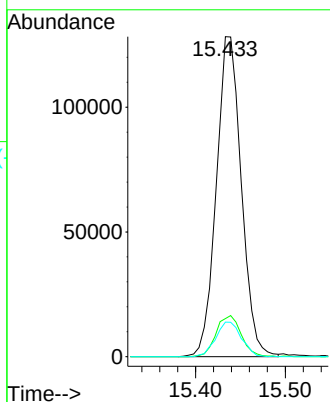
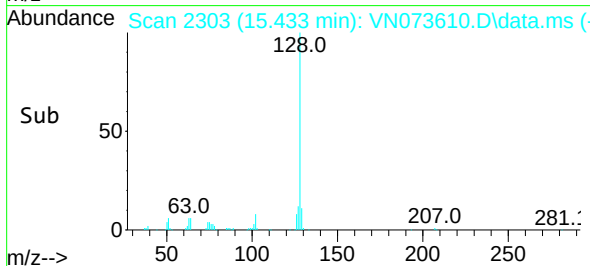
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01



Tgt Ion:128 Resp: 247990
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 11.1 9.0 13.6

Manual Integrations
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Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#92
1,2,3-Trichlorobenzene
Concen: 17.458 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073610.D
Acq: 27 Jul 2022 16:27

Tgt Ion:180 Resp: 73047
Ion Ratio Lower Upper
180 100
182 96.1 0.0 190.0
145 30.1 0.0 67.8

