

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
 Data File : VN074361.D
 Acq On : 08 Sep 2022 16:39
 Operator : JC\MD
 Sample : VN0908WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/09/2022
 Supervised By : Mahesh Dadoda 09/09/2022

Quant Time: Sep 09 05:37:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 09 05:24:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.586	128	57941	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	348303	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	326310	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	195405	32.847	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 109.500%	
60) 4-Bromofluorobenzene	12.674	95	191799	29.392	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 97.967%	
63) Toluene-d8	10.380	98	555533	30.310	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.033%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	83961	20.471	ug/l	94
3) Chloromethane	2.269	50	116396	20.592	ug/l	91
4) Vinyl Chloride	2.404	62	129549	21.431	ug/l	98
5) Bromomethane	2.793	94	95956	25.749	ug/l	96
6) Chloroethane	2.957	64	93955	22.927	ug/l	95
7) Trichlorofluoromethane	3.316	101	144105	21.073	ug/l	99
8) Diethyl Ether	3.763	74	65603	23.013	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.134	101	83375	20.839	ug/l	71
10) 1,1-Dichloroethene	4.110	96	81897	21.206	ug/l	97
11) Methyl Iodide	4.346	142	102016	21.514	ug/l	92
12) Methyl Acetate	4.769	43	177094	21.102	ug/l	96
13) Acrolein	3.981	56	124470	109.947	ug/l	94
14) Acrylonitrile	5.475	53	360380	110.791	ug/l	99
15) Acetone	4.222	58	96971	112.499	ug/l	95
16) Carbon Disulfide	4.457	76	222332	20.089	ug/l #	95
17) Allyl chloride	4.757	41	179888	21.570	ug/l	91
18) Methylene Chloride	5.010	84	103225	20.998	ug/l #	83
19) trans-1,2-Dichloroethene	5.504	96	89388m	20.243	ug/l	
20) Diisopropyl ether	6.404	45	366872	21.363	ug/l	94
21) 1,1-Dichloroethane	6.298	63	189060	20.959	ug/l	97
22) cis-1,2-Dichloroethene	7.245	96	113747	21.195	ug/l	96
23) tert-Butyl Alcohol	5.281	59	166640	118.310	ug/l #	100
24) Methyl tert-Butyl Ether	5.528	73	349558	21.513	ug/l	100
25) Chloroform	7.745	83	189135	20.638	ug/l	89
26) Cyclohexane	8.022	56	170857	20.634	ug/l	92
29) 1,1-Dichloropropene	8.151	75	136894	19.772	ug/l	97
30) 2-Butanone	7.257	43	548365	111.839	ug/l	93
31) 2,2-Dichloropropane	7.245	77	159245	18.797	ug/l	100
32) 1,1,1-Trichloroethane	7.939	97	170660	19.995	ug/l	96
33) Carbon Tetrachloride	8.133	117	141499	19.159	ug/l	99
34) Benzene	8.386	78	436336	20.498	ug/l #	94
35) Methacrylonitrile	7.563	41	96138m	21.339	ug/l	
36) 1,2-Dichloroethane	8.463	62	158807	20.391	ug/l	95
37) Trichloroethene	9.145	130	94919	19.403	ug/l	93
38) Methylcyclohexane	9.398	83	170797	19.596	ug/l	93
39) 1,2-Dichloropropane	9.428	63	118205	21.563	ug/l	97
40) Dibromomethane	9.516	93	81808	21.449	ug/l	93
41) Bromodichloromethane	9.698	83	153260	20.222	ug/l	94
42) Vinyl Acetate	6.345	43	1738191	107.407	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
 Data File : VN074361.D
 Acq On : 08 Sep 2022 16:39
 Operator : JC\MD
 Sample : VN0908WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBSD01

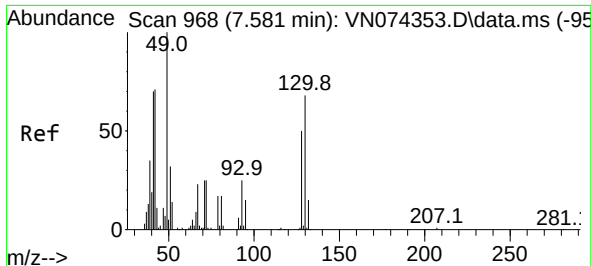
Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/09/2022
 Supervised By : Mahesh Dadoda 09/09/2022

Quant Time: Sep 09 05:37:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 09 05:24:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.334	43	213165m	21.909	ug/l	
44) Isopropyl Acetate	8.492	43	331041	21.407	ug/l	96
45) 1,4-Dioxane	9.498	88	60773	424.585	ug/l	87
46) Methyl methacrylate	9.498	41	148036	22.384	ug/l	89
47) n-amyl Acetate	12.333	43	295454	21.022	ug/l	96
48) t-1,3-Dichloropropene	10.657	75	175654	19.842	ug/l	98
49) cis-1,3-Dichloropropene	10.127	75	180718	20.003	ug/l	97
50) 1,1,2-Trichloroethane	10.839	97	110796	20.533	ug/l	95
51) Ethyl methacrylate	10.704	69	195571	20.371	ug/l	92
52) 1,3-Dichloropropane	10.986	76	199248	21.291	ug/l	97
53) Dibromochloromethane	11.180	129	114850	19.795	ug/l	99
54) 1,2-Dibromoethane	11.286	107	116156	20.536	ug/l	98
55) 2-Chloroethyl vinyl ether	9.980	63	491940	106.676	ug/l	97
56) Bromoform	12.398	173	79405	17.965	ug/l #	96
58) 4-Methyl-2-Pentanone	10.269	43	1113173	109.750	ug/l	96
59) 2-Hexanone	11.027	43	869871	110.076	ug/l	97
61) Tetrachloroethene	10.916	164	75026	18.532	ug/l	96
62) Toluene	10.445	91	474696	20.121	ug/l	99
64) Chlorobenzene	11.710	112	268837	19.256	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.780	131	105440	19.941	ug/l	99
66) Ethyl Benzene	11.786	91	520828	19.960	ug/l	99
67) m/p-Xylenes	11.892	106	393560	39.558	ug/l	98
68) o-Xylene	12.221	106	199856	19.682	ug/l	99
69) Styrene	12.233	104	321825	19.161	ug/l	98
70) Isopropylbenzene	12.521	105	513629	19.478	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.768	83	197913	21.522	ug/l	96
72) 1,2,3-Trichloropropane	12.821	75	149060m	19.736	ug/l	
73) Bromobenzene	12.804	156	108915	19.043	ug/l	82
74) n-propylbenzene	12.863	91	589870	19.246	ug/l	97
75) 2-Chlorotoluene	12.951	91	357926	19.569	ug/l	96
76) 1,3,5-Trimethylbenzene	13.004	105	421167	18.994	ug/l	97
77) t-1,4-Dichloro-2-butene	12.568	75	66492	19.909	ug/l	94
78) 4-Chlorotoluene	13.045	91	350324	19.460	ug/l	95
79) tert-butylbenzene	13.263	119	373456	18.943	ug/l	99
80) 1,2,4-Trimethylbenzene	13.310	105	428186m	19.183	ug/l	
81) sec-Butylbenzene	13.445	105	519195	18.883	ug/l	99
82) p-Isopropyltoluene	13.557	119	422512	18.589	ug/l	99
83) 1,3-Dichlorobenzene	13.557	146	202829	18.856	ug/l	99
84) 1,4-Dichlorobenzene	13.639	146	195220	18.321	ug/l	96
85) n-Butylbenzene	13.886	91	363545	18.226	ug/l	99
86) Hexachloroethane	14.151	117	84784	19.102	ug/l	96
87) 1,2-Dichlorobenzene	13.927	146	211005	18.972	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.545	75	47234	20.973	ug/l	94
89) 1,2,4-Trichlorobenzene	15.198	180	106832	18.373	ug/l	98
90) Hexachlorobutadiene	15.309	225	46592	18.775	ug/l	99
91) Naphthalene	15.439	128	457446	19.625	ug/l	100
92) 1,2,3-Trichlorobenzene	15.633	180	109449	18.540	ug/l	98

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



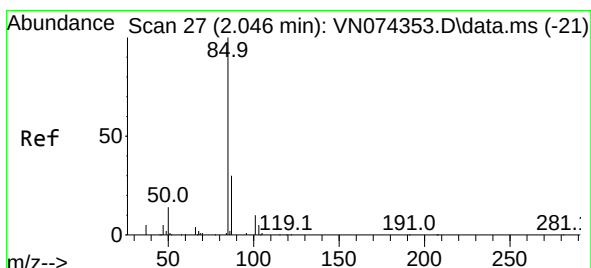
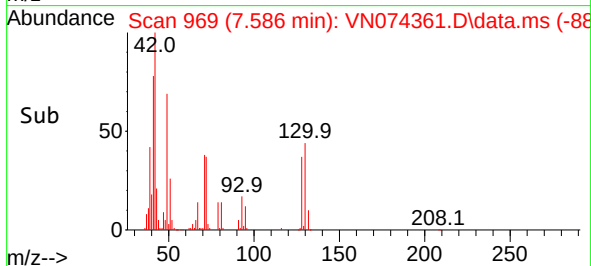
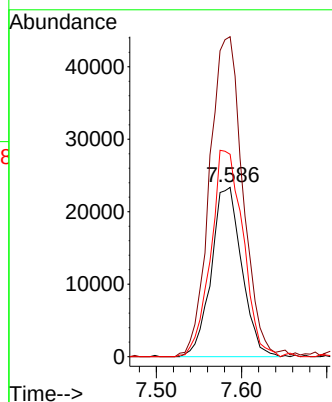
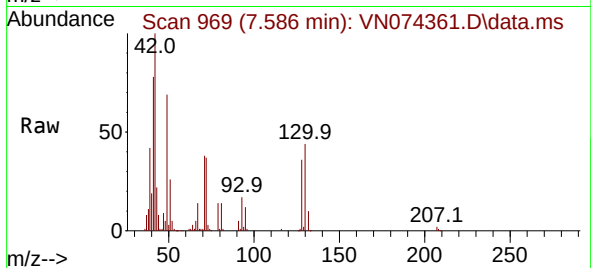
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.586 min Scan# 90
Delta R.T. 0.005 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

Tgt Ion:128 Resp: 5794
Ion Ratio Lower Upper
128 100
49 205.6 0.0 392.3
130 129.4 0.0 320.2

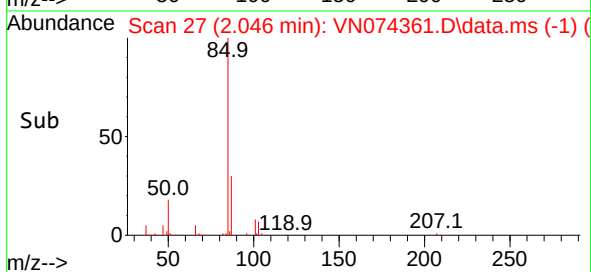
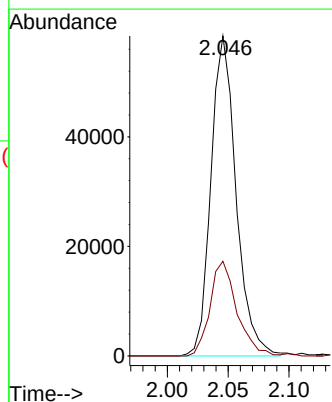
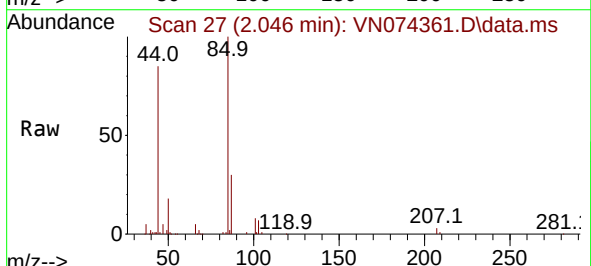
Manual Integrations
APPROVED

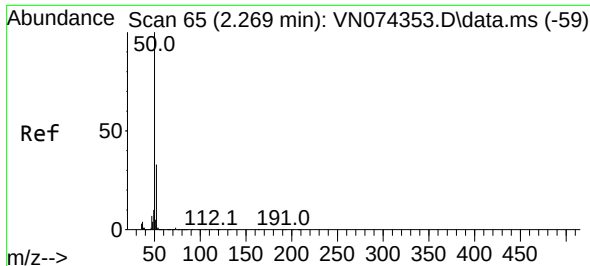
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#2
Dichlorodifluoromethane
Concen: 20.471 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

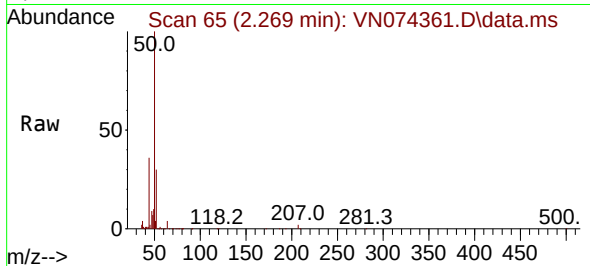
Tgt Ion: 85 Resp: 83961
Ion Ratio Lower Upper
85 100
87 29.6 16.6 49.7





#3
Chloromethane
Concen: 20.592 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

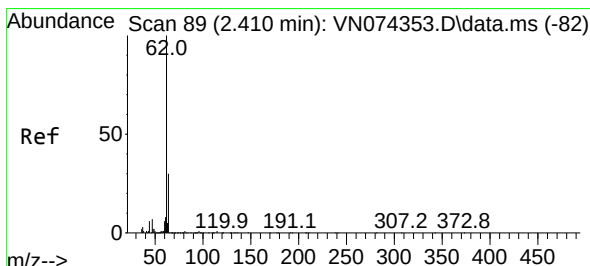
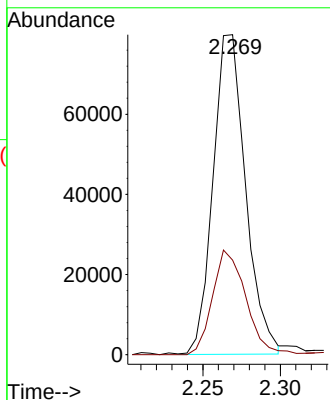
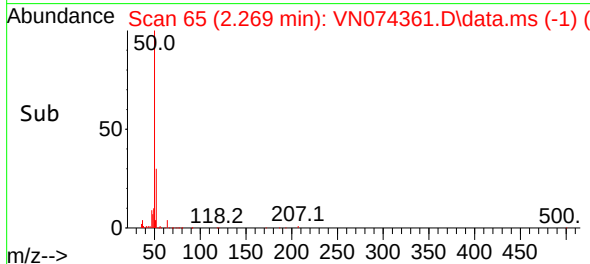
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



Tgt Ion: 50 Resp: 116390
Ion Ratio Lower Upper
50 100
52 29.6 27.8 41.6

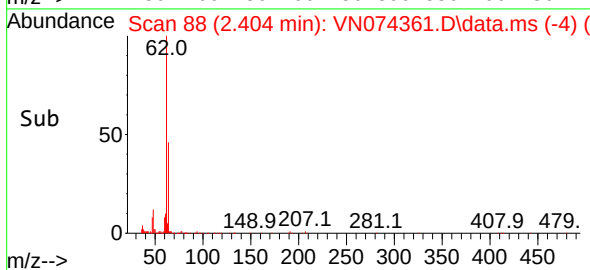
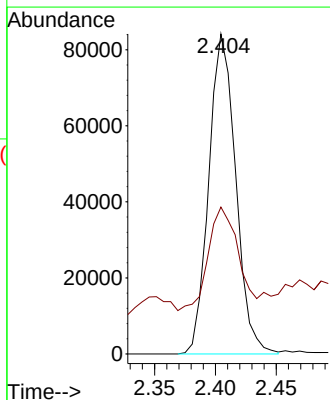
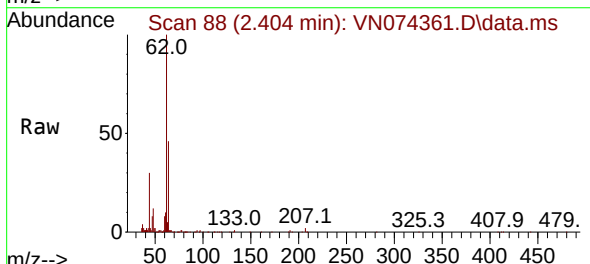
Manual Integrations
APPROVED

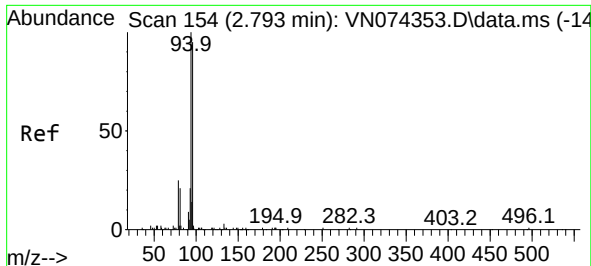
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#4
Vinyl Chloride
Concen: 21.431 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.006 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

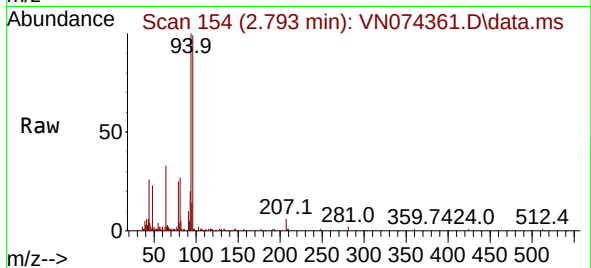
Tgt Ion: 62 Resp: 129549
Ion Ratio Lower Upper
62 100
64 32.4 25.1 37.7





#5
Bromomethane
Concen: 25.749 ug/l
RT: 2.793 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

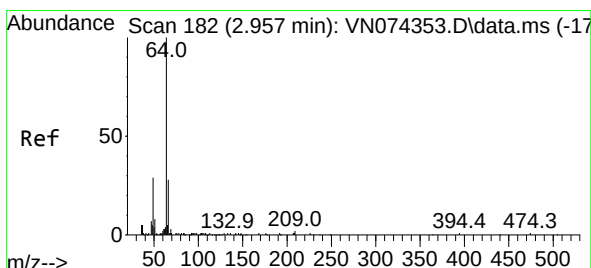
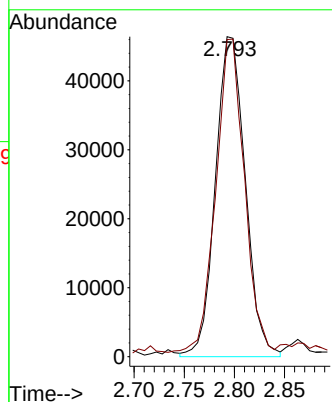
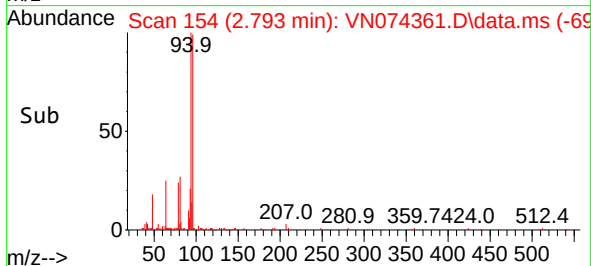
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



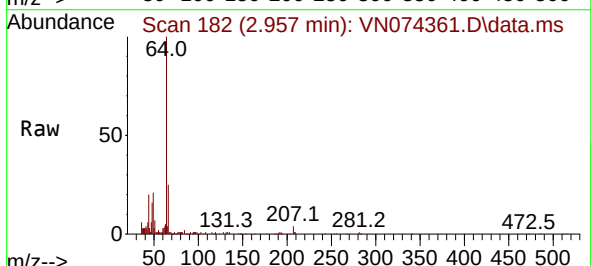
Tgt Ion: 94 Resp: 95950
Ion Ratio Lower Upper
94 100
96 98.2 75.2 112.8

Manual Integrations
APPROVED

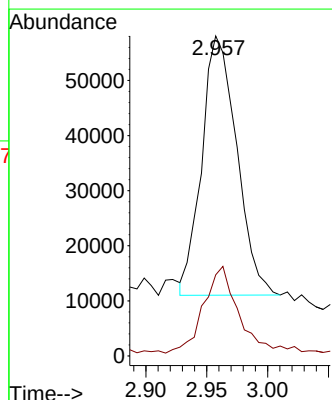
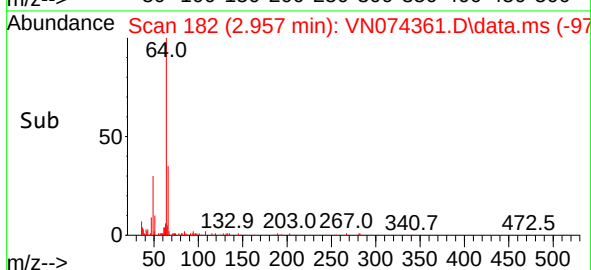
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

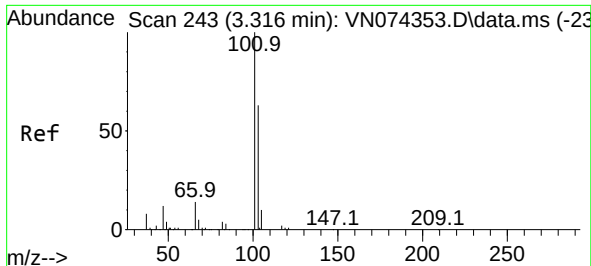


#6
Chloroethane
Concen: 22.927 ug/l
RT: 2.957 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39



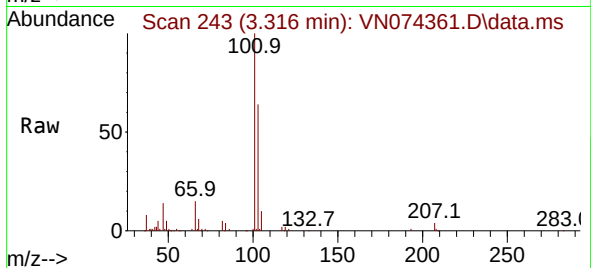
Tgt Ion: 64 Resp: 93955
Ion Ratio Lower Upper
64 100
66 27.9 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 21.073 ug/l
 RT: 3.316 min Scan# 243
 Delta R.T. 0.000 min
 Lab File: VN074361.D
 Acq: 08 Sep 2022 16:39

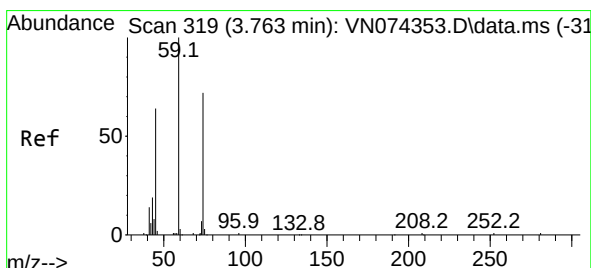
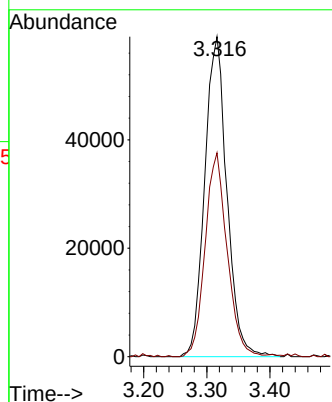
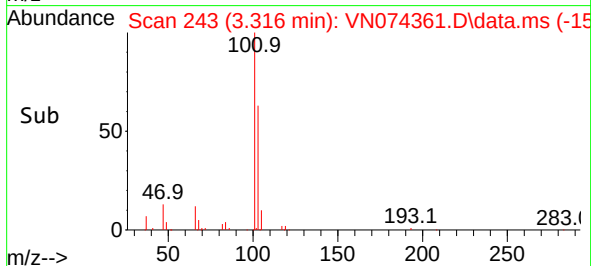
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBSD01



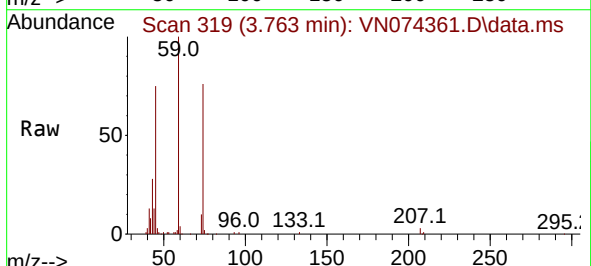
Tgt Ion:101 Resp: 14410
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.1 75.1

Manual Integrations
 APPROVED

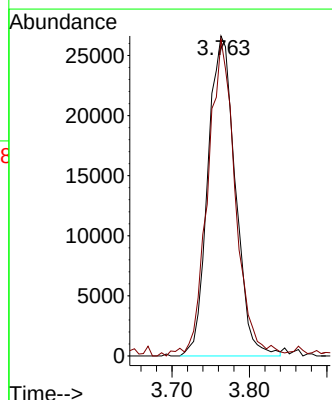
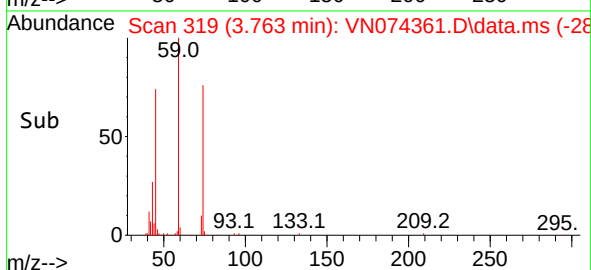
Reviewed By :John Carlone 09/09/2022
 Supervised By :Mahesh Dadoda 09/09/2022

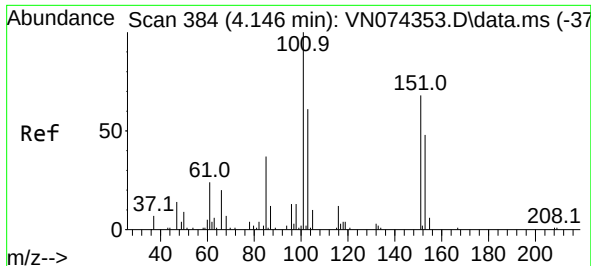


#8
 Diethyl Ether
 Concen: 23.013 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN074361.D
 Acq: 08 Sep 2022 16:39



Tgt Ion: 74 Resp: 65603
 Ion Ratio Lower Upper
 74 100
 45 96.7 17.6 158.8





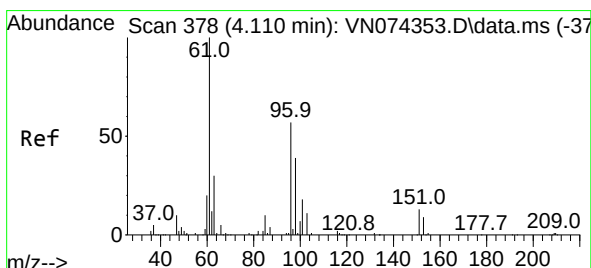
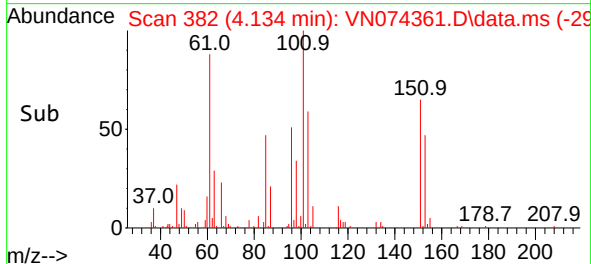
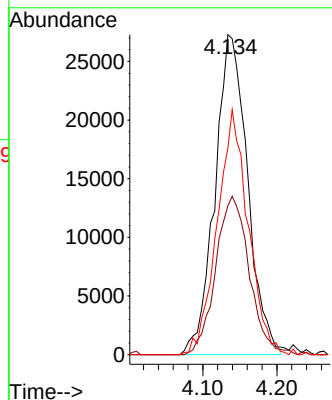
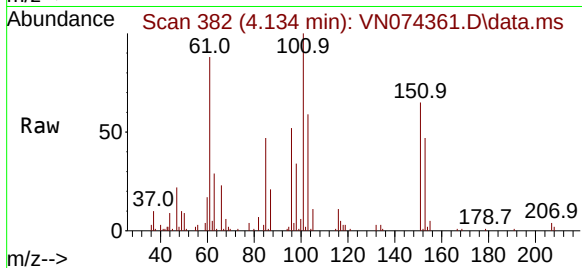
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.839 ug/l
 RT: 4.134 min Scan# 382
 Delta R.T. -0.012 min
 Lab File: VN074361.D
 Acq: 08 Sep 2022 16:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBSD01

Tgt Ion:101 Resp: 8337
 Ion Ratio Lower Upper
 101 100
 85 50.9 0.0 94.0
 151 72.6 0.0 74.6

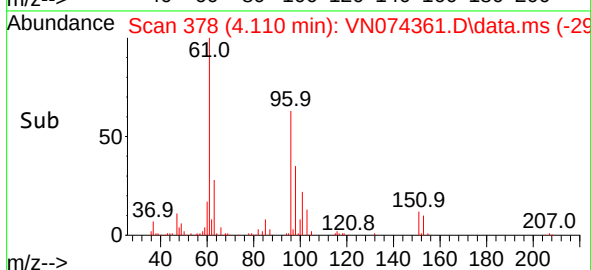
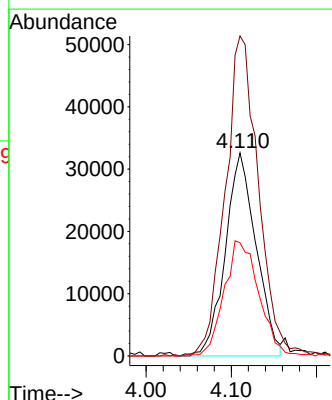
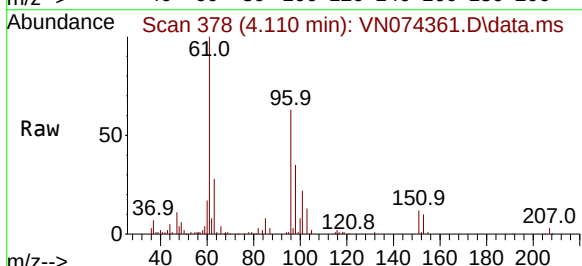
Manual Integrations
 APPROVED

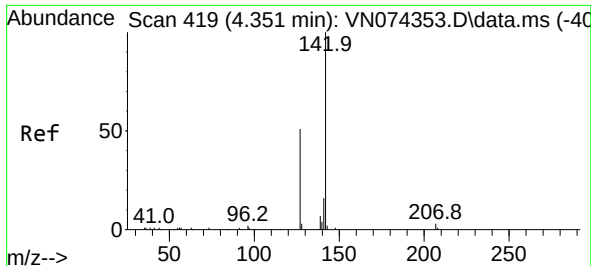
Reviewed By :John Carlone 09/09/2022
 Supervised By :Mahesh Dadoda 09/09/2022



#10
 1,1-Dichloroethene
 Concen: 21.206 ug/l
 RT: 4.110 min Scan# 378
 Delta R.T. 0.000 min
 Lab File: VN074361.D
 Acq: 08 Sep 2022 16:39

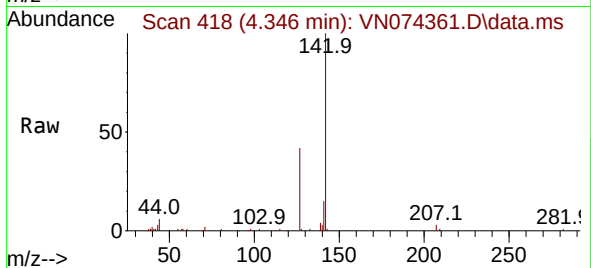
Tgt Ion: 96 Resp: 81897
 Ion Ratio Lower Upper
 96 100
 61 157.7 126.2 189.4
 98 55.7 50.9 76.3





#11
Methyl Iodide
Concen: 21.514 ug/l
RT: 4.346 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

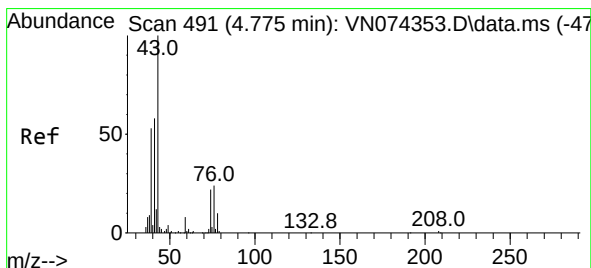
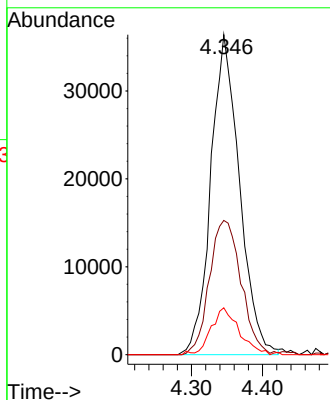
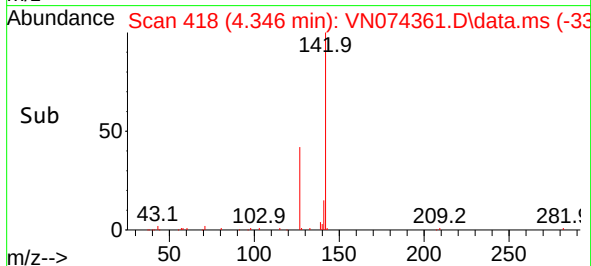
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



Tgt Ion:142 Resp: 102010
Ion Ratio Lower Upper
142 100
127 42.0 24.0 72.0
141 14.4 8.4 25.2

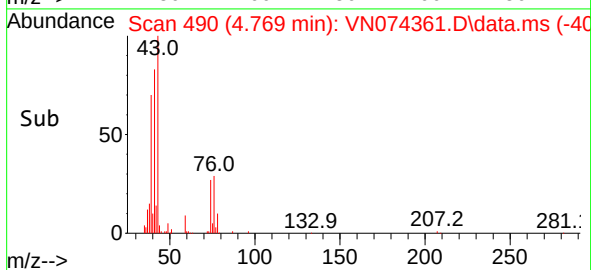
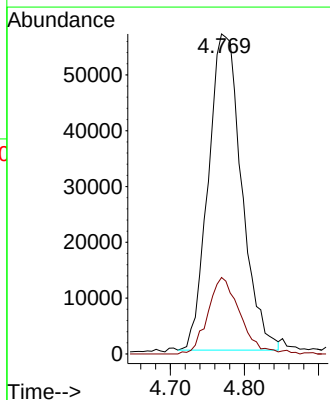
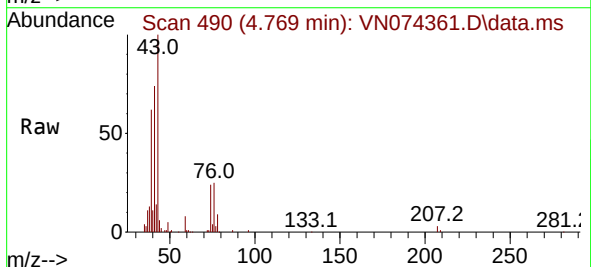
Manual Integrations
APPROVED

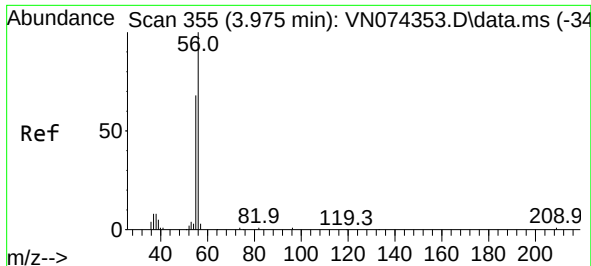
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#12
Methyl Acetate
Concen: 21.102 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.006 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

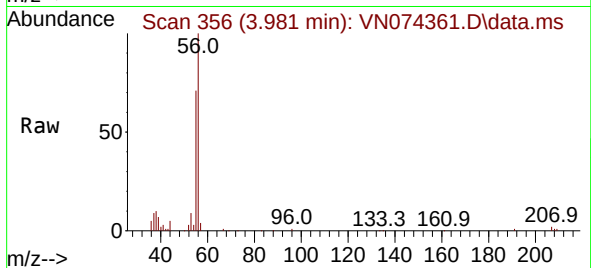
Tgt Ion: 43 Resp: 177094
Ion Ratio Lower Upper
43 100
74 24.2 20.8 31.2





#13
Acrolein
Concen: 109.947 ug/l
RT: 3.981 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

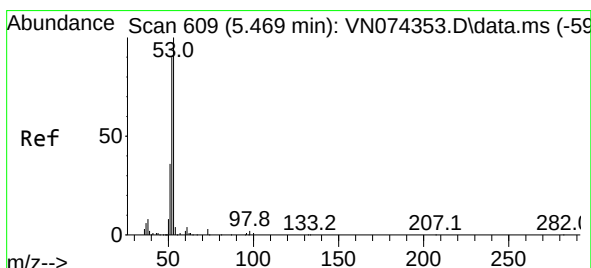
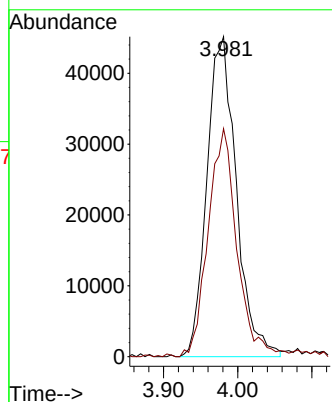
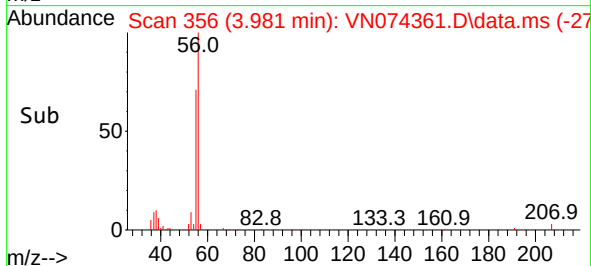
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



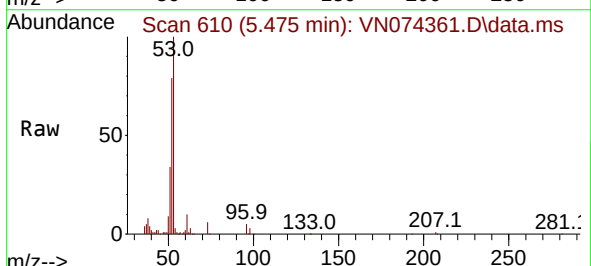
Tgt Ion: 56 Resp: 124470
Ion Ratio Lower Upper
56 100
55 66.8 57.6 86.4

Manual Integrations
APPROVED

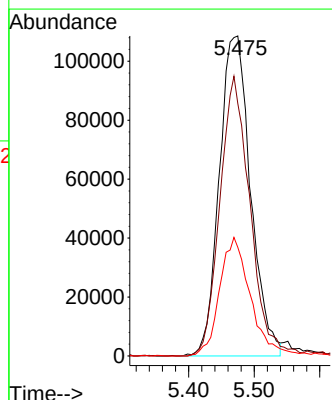
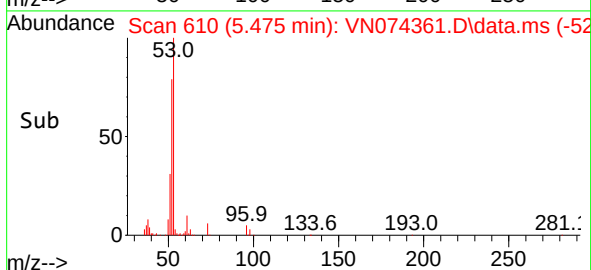
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

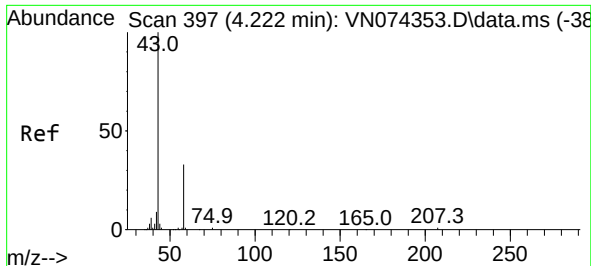


#14
Acrylonitrile
Concen: 110.791 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39



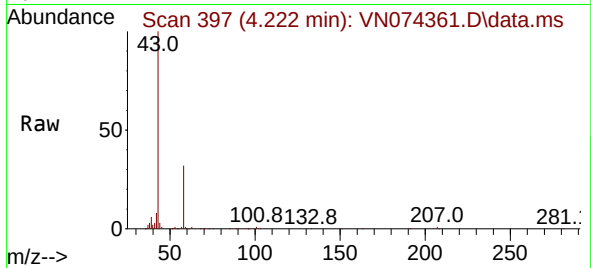
Tgt Ion: 53 Resp: 360380
Ion Ratio Lower Upper
53 100
52 83.3 41.8 125.4
51 36.3 19.0 57.0





#15
Acetone
Concen: 112.499 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

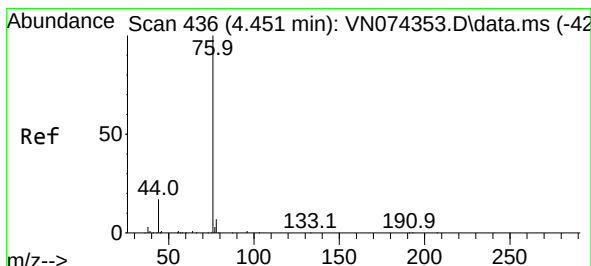
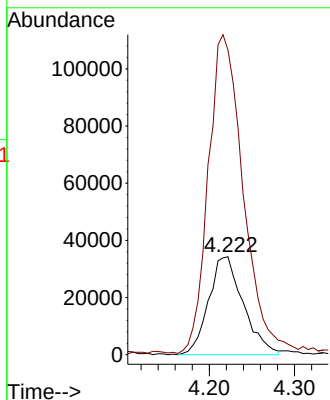
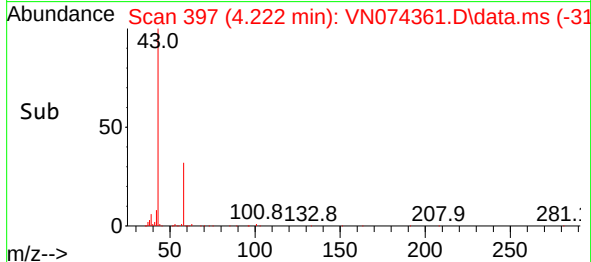
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



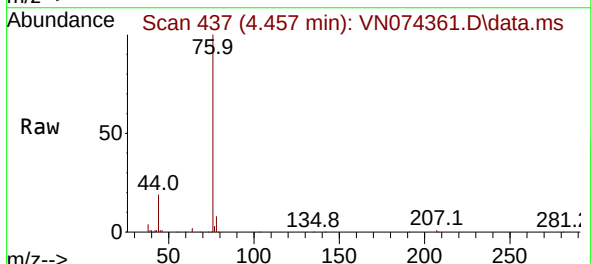
Tgt Ion: 58 Resp: 9697
Ion Ratio Lower Upper
58 100
43 309.9 256.6 384.8

Manual Integrations
APPROVED

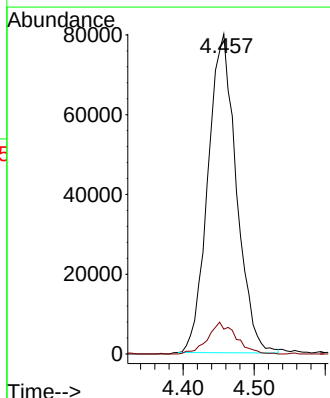
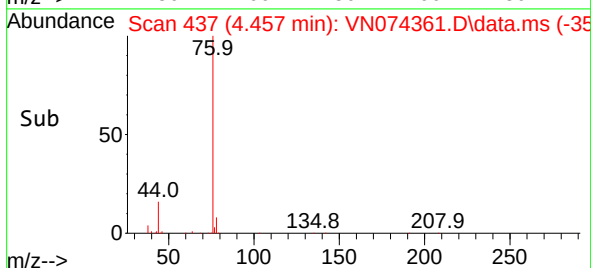
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

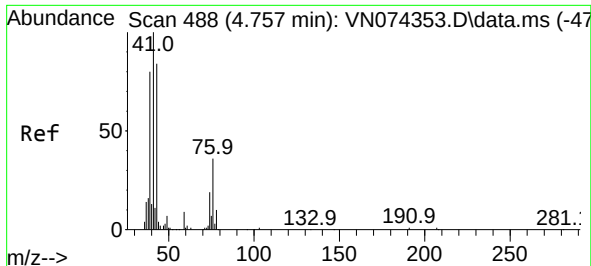


#16
Carbon Disulfide
Concen: 20.089 ug/l
RT: 4.457 min Scan# 437
Delta R.T. 0.006 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39



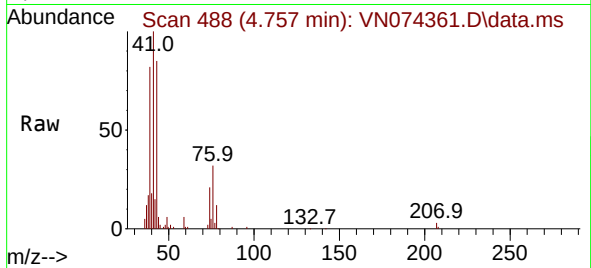
Tgt Ion: 76 Resp: 222332
Ion Ratio Lower Upper
76 100
78 7.8 7.8 11.8#





#17
 Allyl chloride
 Concen: 21.570 ug/l
 RT: 4.757 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VN074361.D
 Acq: 08 Sep 2022 16:39

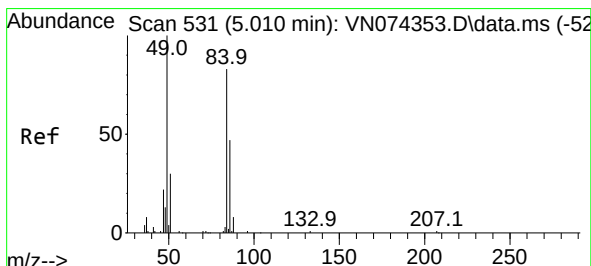
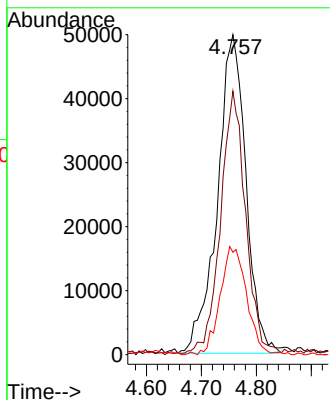
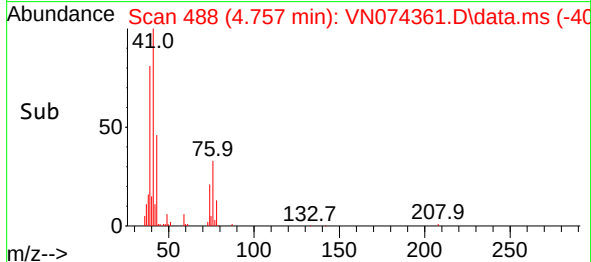
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBSD01



Tgt Ion: 41 Resp: 17988
 Ion Ratio Lower Upper
 41 100
 39 82.1 44.6 134.0
 76 31.4 19.6 58.7

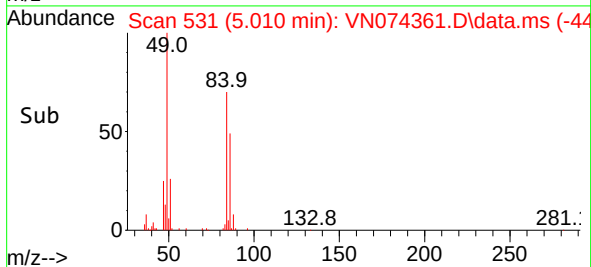
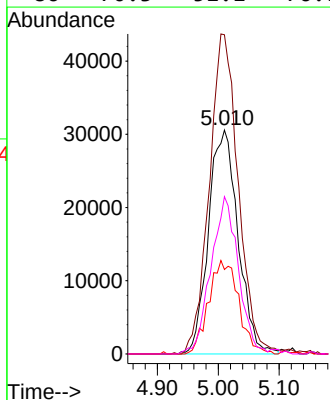
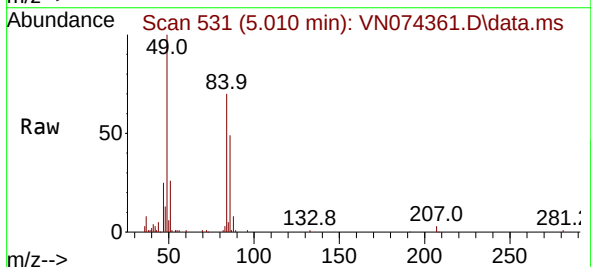
Manual Integrations
 APPROVED

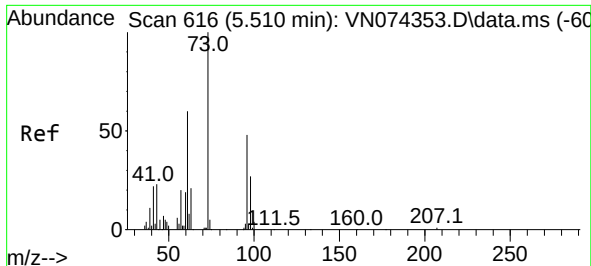
Reviewed By :John Carlone 09/09/2022
 Supervised By :Mahesh Dadoda 09/09/2022



#18
 Methylene Chloride
 Concen: 20.998 ug/l
 RT: 5.010 min Scan# 531
 Delta R.T. 0.000 min
 Lab File: VN074361.D
 Acq: 08 Sep 2022 16:39

Tgt Ion: 84 Resp: 103225
 Ion Ratio Lower Upper
 84 100
 49 142.6 91.4 137.0#
 51 37.8 29.4 44.0
 86 70.3 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 20.243 ug/l m

RT: 5.504 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN074361.D

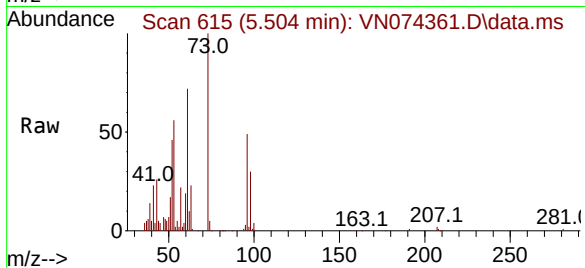
Acq: 08 Sep 2022 16:39

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01



Tgt Ion: 96 Resp: 8938

Ion Ratio Lower Upper

96 100

61 146.3 102.8 154.2

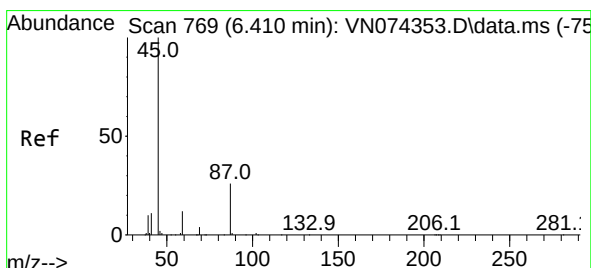
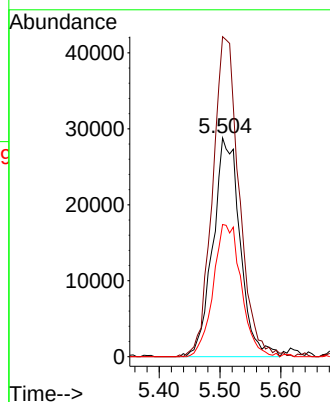
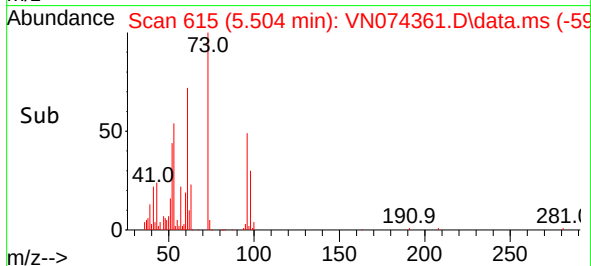
98 60.4 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#20

Diisopropyl ether

Concen: 21.363 ug/l

RT: 6.404 min Scan# 768

Delta R.T. -0.006 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

Tgt Ion: 45 Resp: 366872

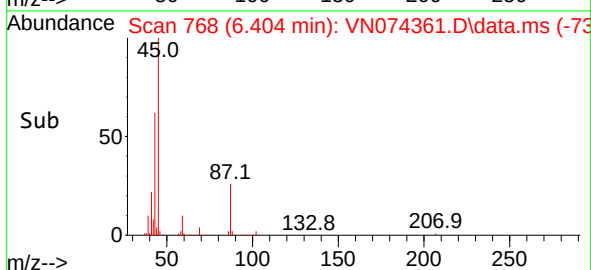
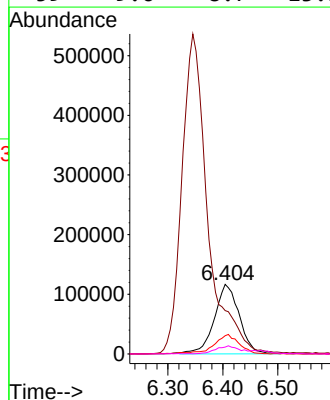
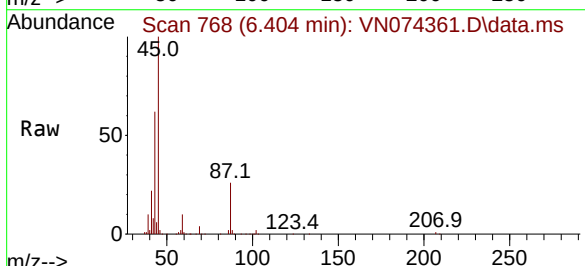
Ion Ratio Lower Upper

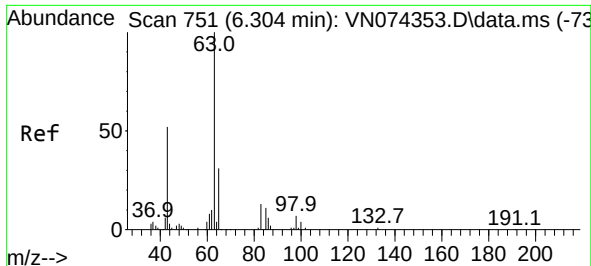
45 100

43 60.5 51.0 76.4

87 26.1 25.0 37.4

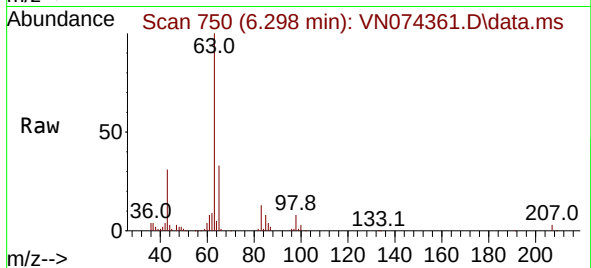
59 9.6 8.7 13.1





#21
1,1-Dichloroethane
Concen: 20.959 ug/l
RT: 6.298 min Scan# 751
Delta R.T. -0.006 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

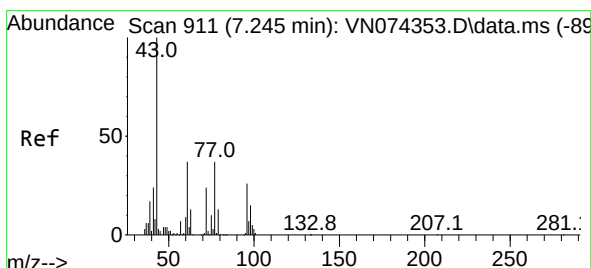
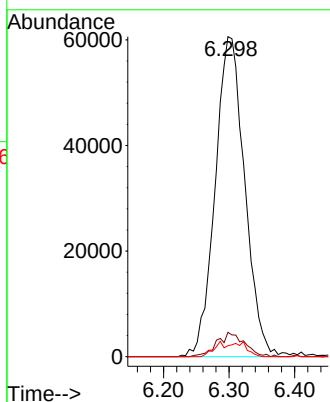
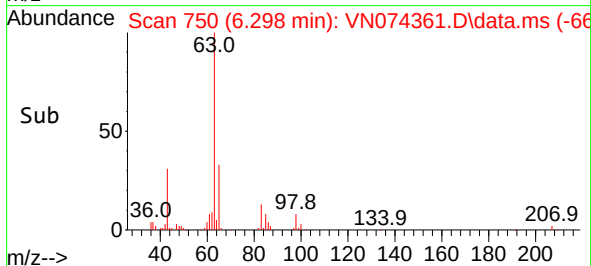
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



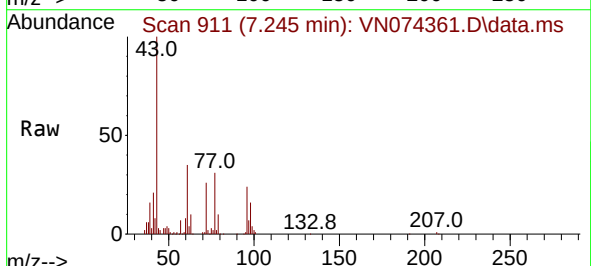
Tgt Ion: 63 Resp: 189060
Ion Ratio Lower Upper
63 100
98 7.6 3.2 9.6
100 3.4 2.1 6.2

Manual Integrations
APPROVED

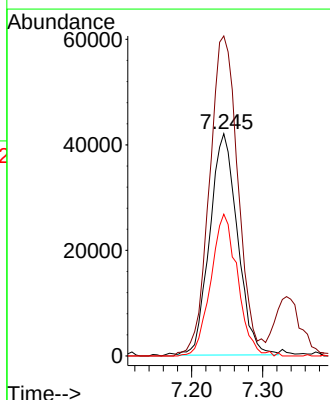
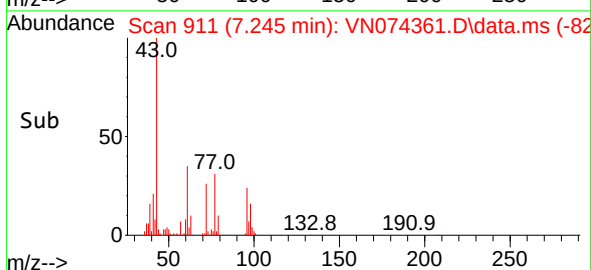
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

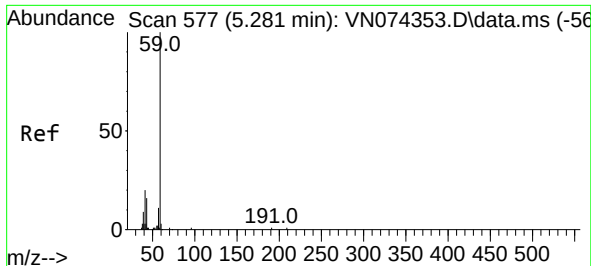


#22
cis-1,2-Dichloroethene
Concen: 21.195 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39



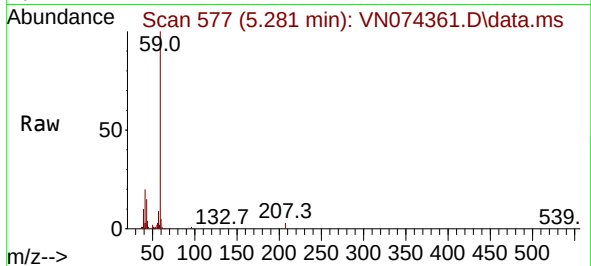
Tgt Ion: 96 Resp: 113747
Ion Ratio Lower Upper
96 100
61 149.3 115.7 173.5
98 61.3 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 118.310 ug/l
RT: 5.281 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

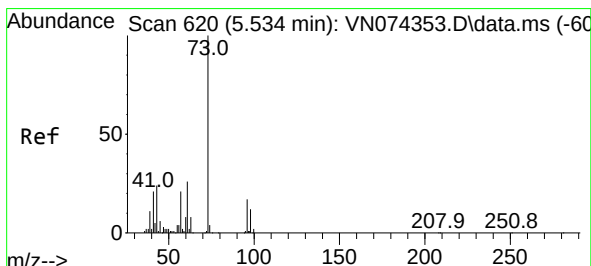
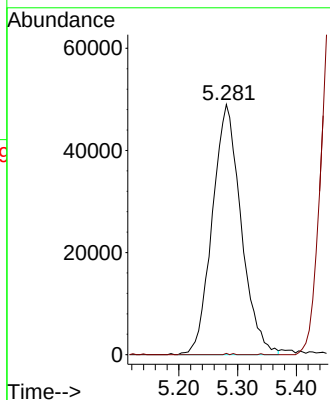
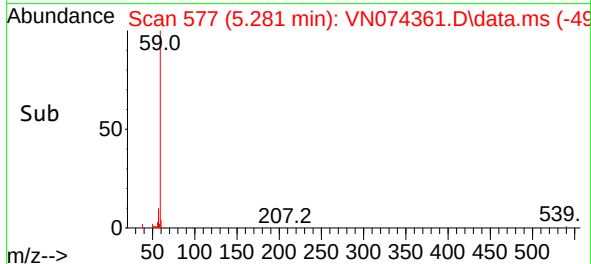
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



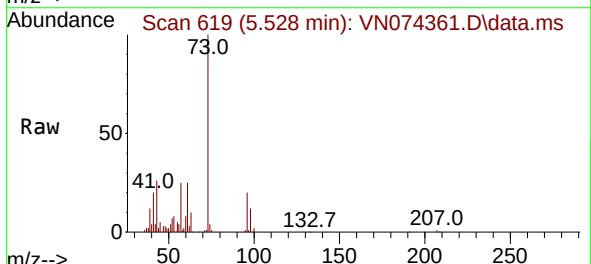
Tgt Ion: 59 Resp: 166640
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

Manual Integrations
APPROVED

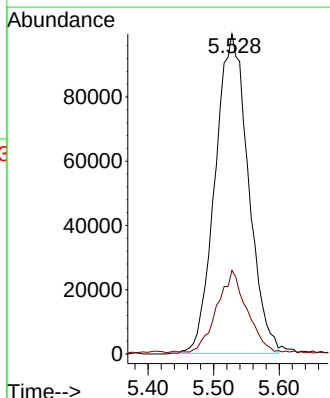
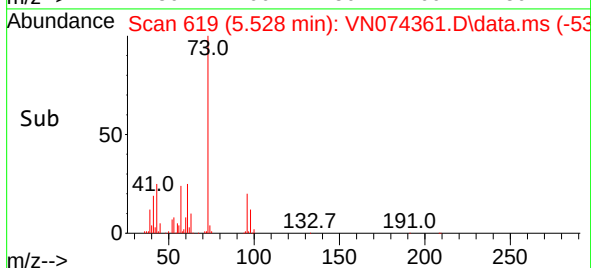
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

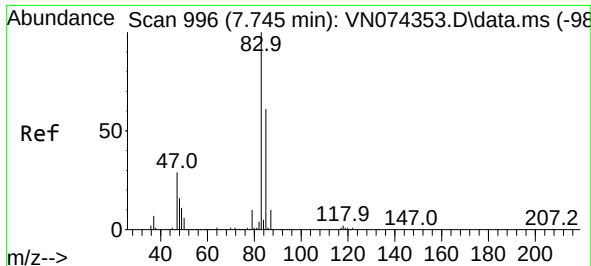


#24
Methyl tert-Butyl Ether
Concen: 21.513 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39



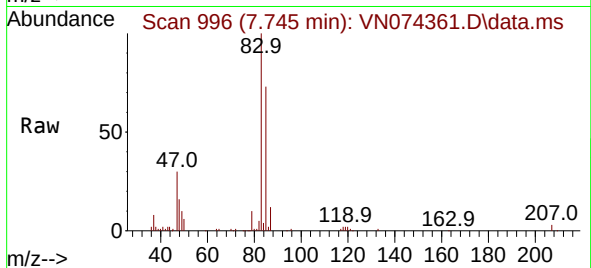
Tgt Ion: 73 Resp: 349558
Ion Ratio Lower Upper
73 100
43 22.7 18.1 27.1





#25
Chloroform
Concen: 20.638 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

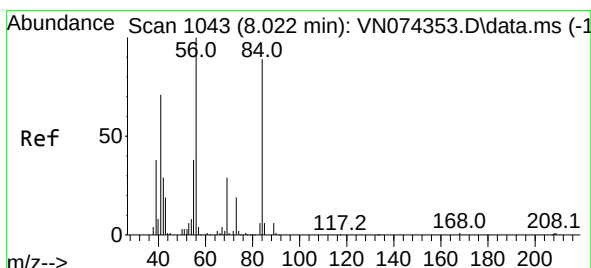
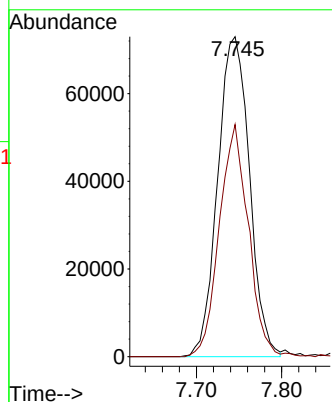
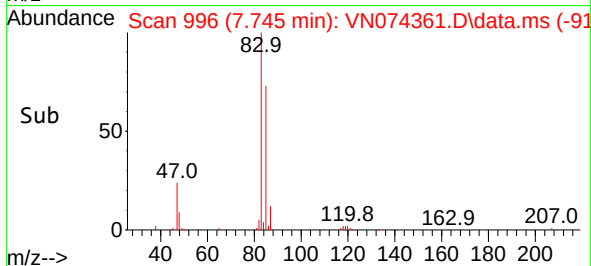
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



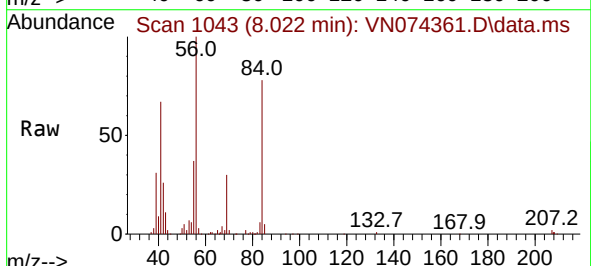
Tgt Ion: 83 Resp: 18913
Ion Ratio Lower Upper
83 100
85 72.5 51.3 76.9

Manual Integrations
APPROVED

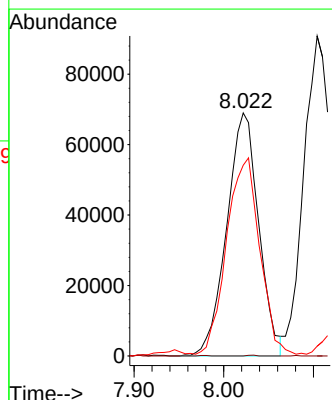
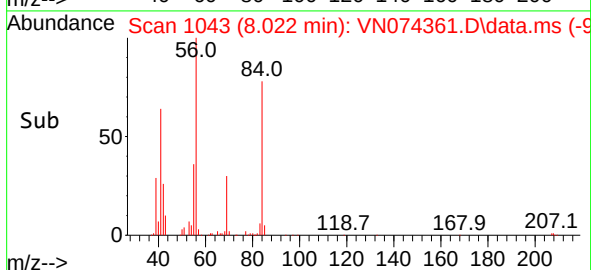
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

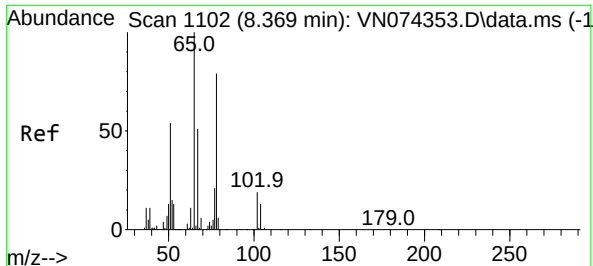


#26
Cyclohexane
Concen: 20.634 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39



Tgt Ion: 56 Resp: 170857
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1
84 85.1 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 32.847 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01

Tgt Ion: 65 Resp: 19540

Ion Ratio Lower Upper

65 100

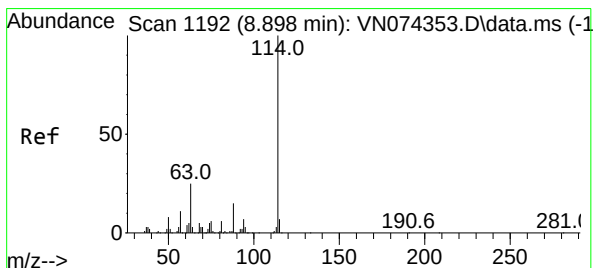
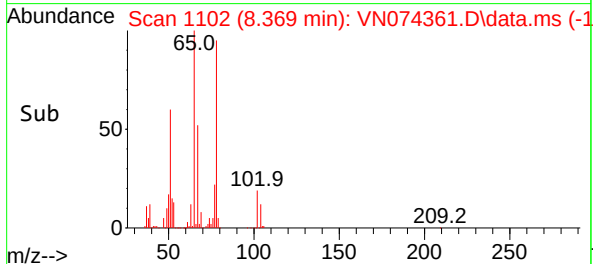
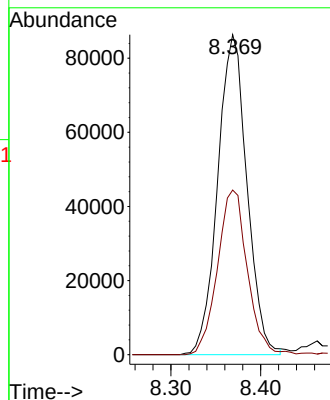
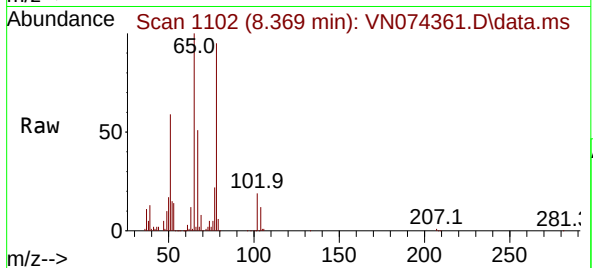
67 52.1 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

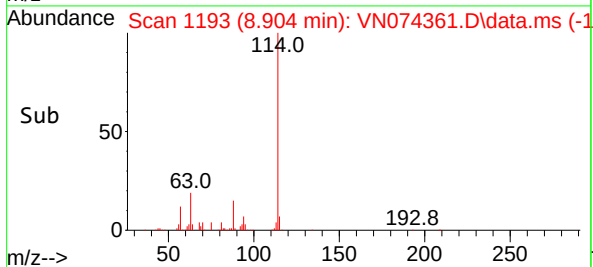
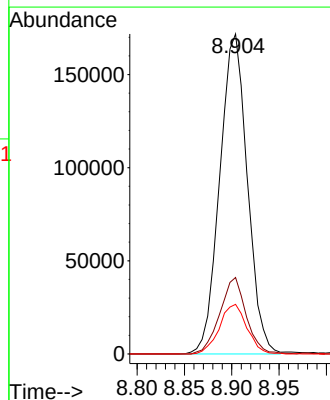
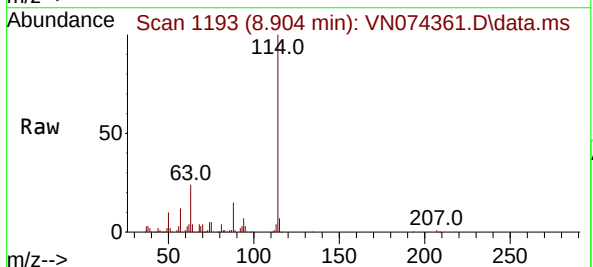
Tgt Ion:114 Resp: 348303

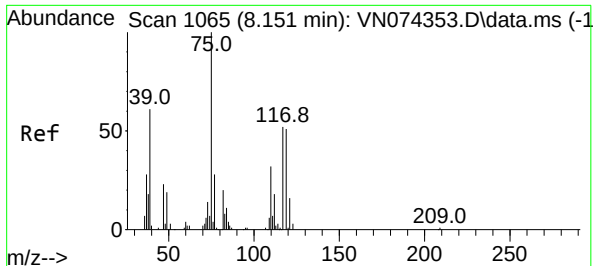
Ion Ratio Lower Upper

114 100

63 22.8 15.8 23.6

88 15.4 11.6 17.4





#29

1,1-Dichloropropene

Concen: 19.772 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01

Tgt Ion: 75 Resp: 136894

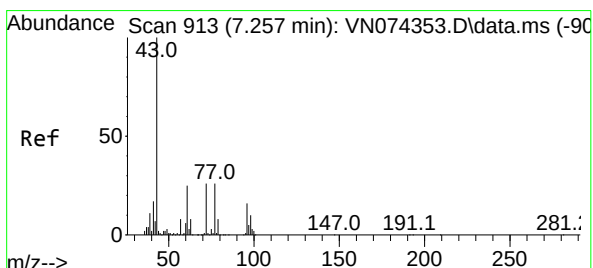
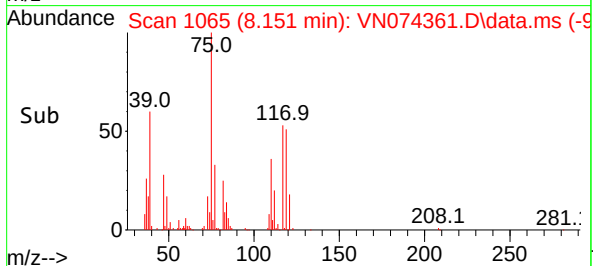
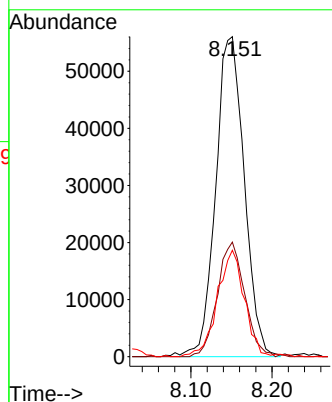
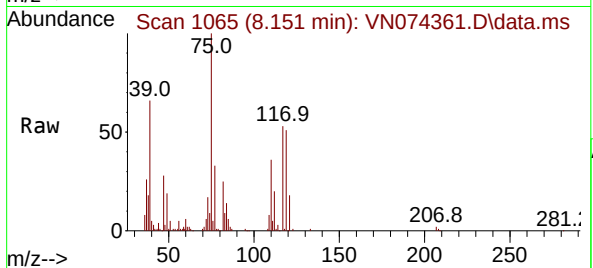
Ion	Ratio	Lower	Upper
75	100		
110	34.2	0.0	74.2
77	31.4	0.0	63.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#30

2-Butanone

Concen: 111.839 ug/l

RT: 7.257 min Scan# 913

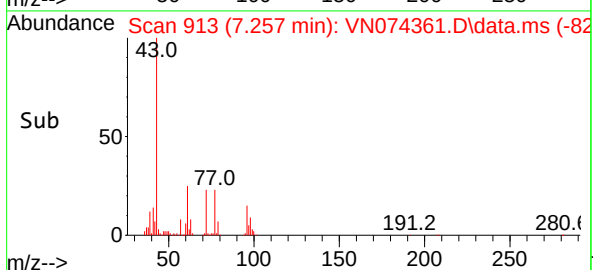
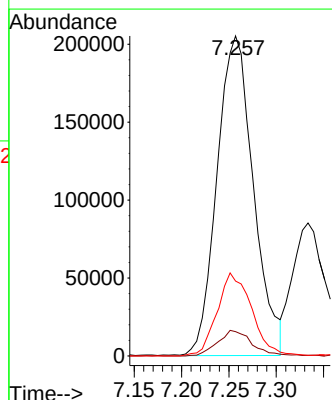
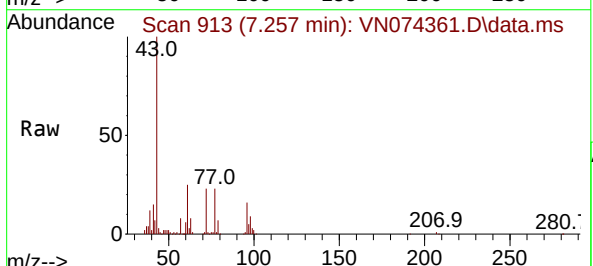
Delta R.T. 0.000 min

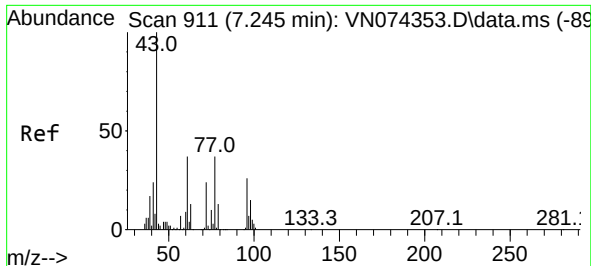
Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

Tgt Ion: 43 Resp: 548365

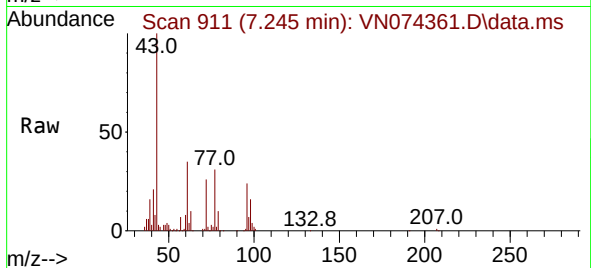
Ion	Ratio	Lower	Upper
43	100		
57	7.5	6.7	10.1
72	24.7	23.2	34.8





#31
2,2-Dichloropropane
Concen: 18.797 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

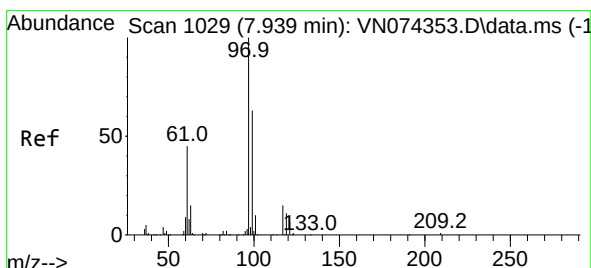
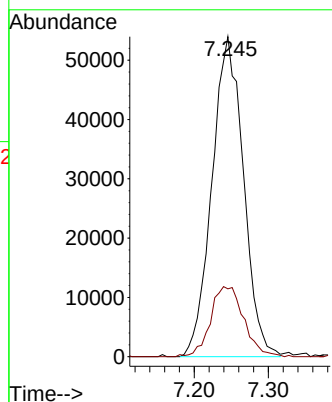
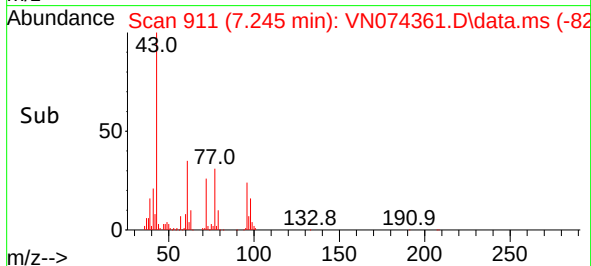
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



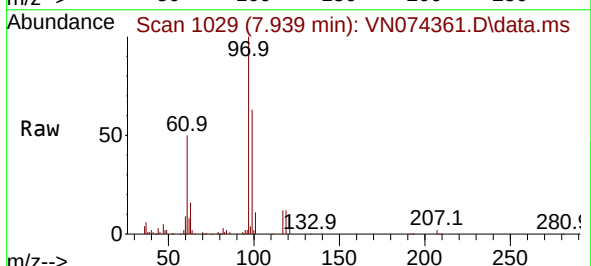
Tgt Ion: 77 Resp: 159245
Ion Ratio Lower Upper
77 100
97 22.9 18.3 27.5

Manual Integrations
APPROVED

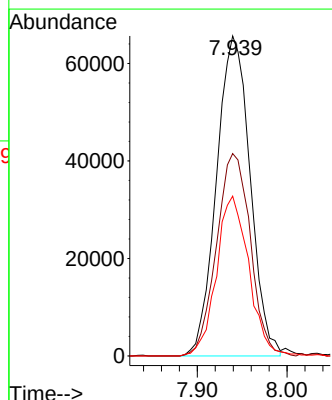
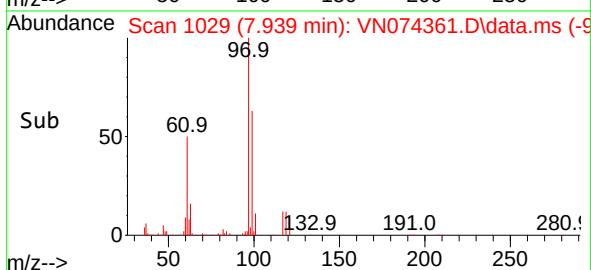
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

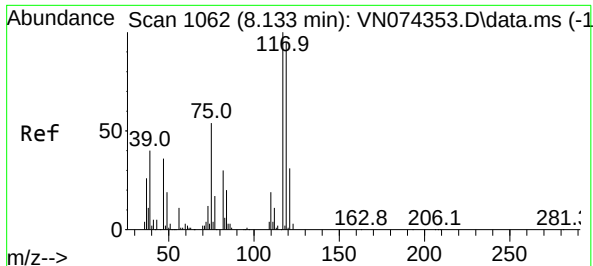


#32
1,1,1-Trichloroethane
Concen: 19.995 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39



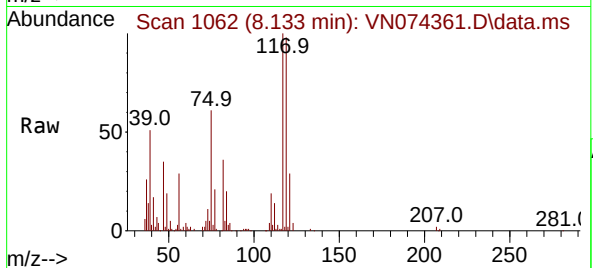
Tgt Ion: 97 Resp: 170660
Ion Ratio Lower Upper
97 100
99 63.8 50.4 75.6
61 48.3 34.6 51.8





#33
Carbon Tetrachloride
Concen: 19.159 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

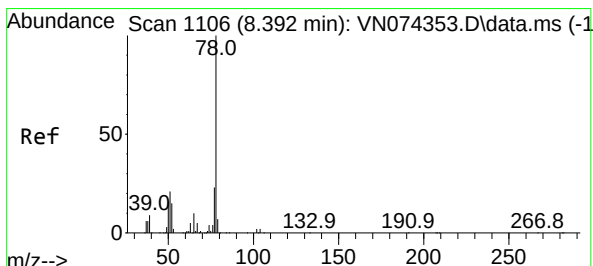
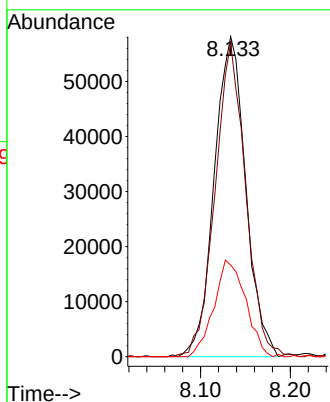
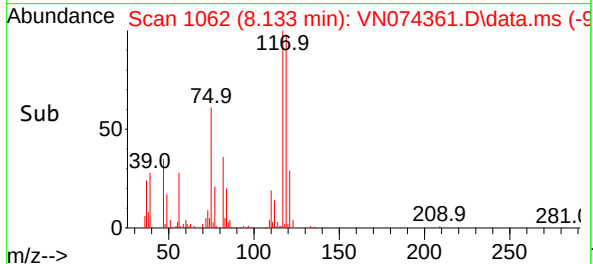
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



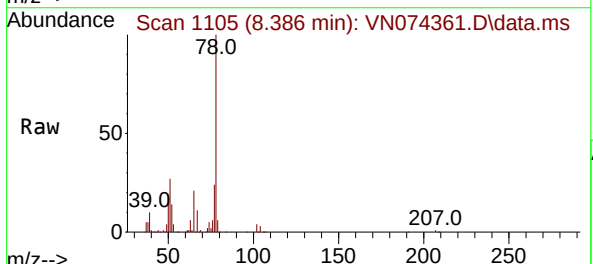
Tgt Ion: 117 Resp: 141499
Ion Ratio Lower Upper
117 100
119 97.4 77.5 116.3
121 28.6 23.5 35.3

Manual Integrations
APPROVED

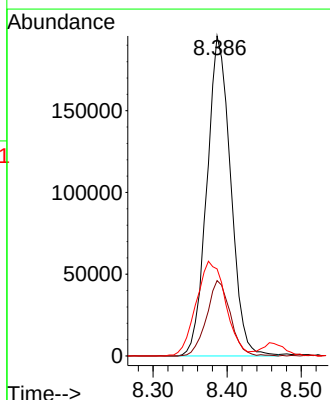
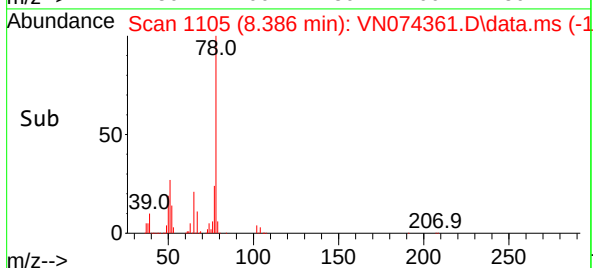
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

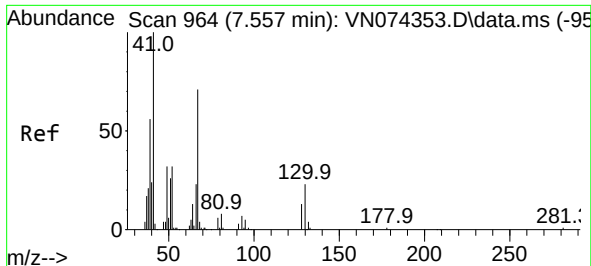


#34
Benzene
Concen: 20.498 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39



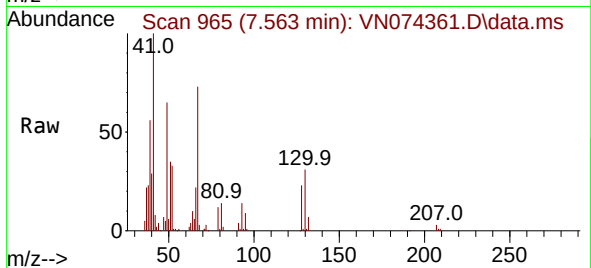
Tgt Ion: 78 Resp: 436336
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7
51 26.1 16.0 24.0#





#35
Methacrylonitrile
Concen: 21.339 ug/l m
RT: 7.563 min Scan# 964
Delta R.T. 0.006 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

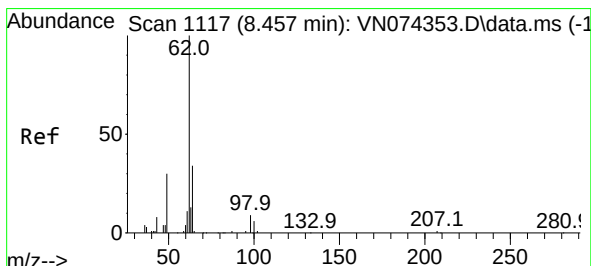
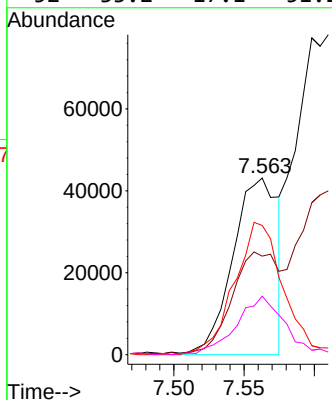
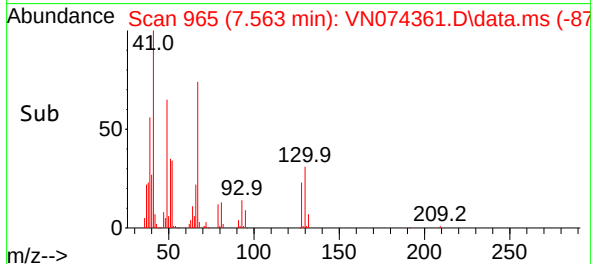
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



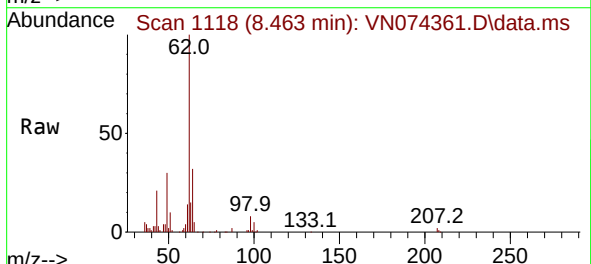
Tgt Ion: 41 Resp: 96138
Ion Ratio Lower Upper
41 100
39 55.8 28.0 83.9
67 73.2 37.7 113.1
52 33.2 17.1 51.2

Manual Integrations
APPROVED

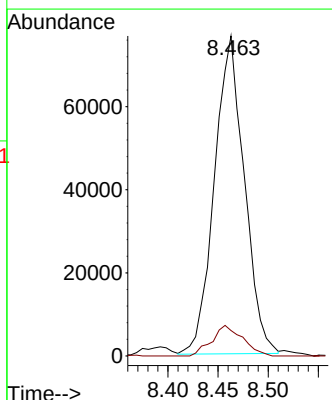
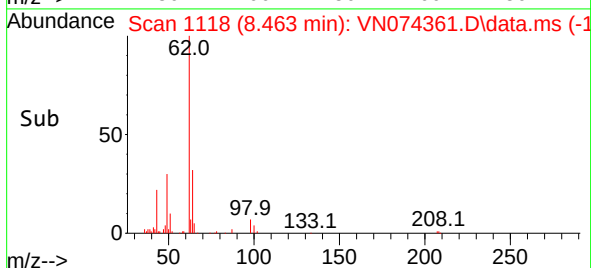
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

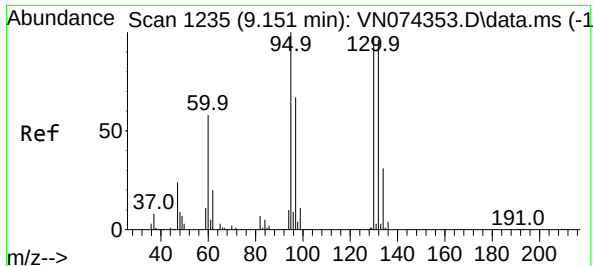


#36
1,2-Dichloroethane
Concen: 20.391 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39



Tgt Ion: 62 Resp: 158807
Ion Ratio Lower Upper
62 100
98 9.9 6.6 10.0





#37

Trichloroethene

Concen: 19.403 ug/l

RT: 9.145 min Scan# 1234

Delta R.T. -0.006 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01

Tgt Ion:130 Resp: 94919

Ion Ratio Lower Upper

130 100

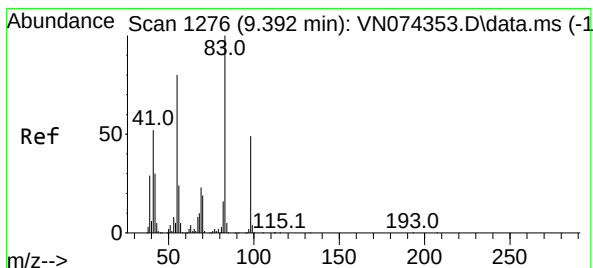
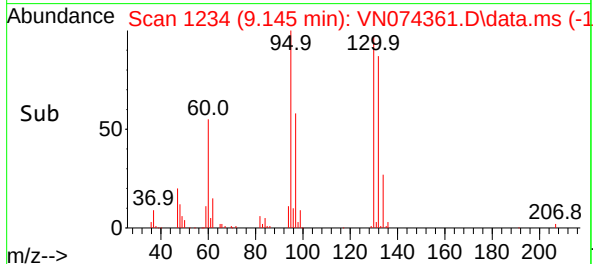
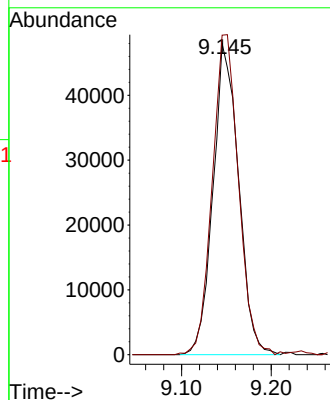
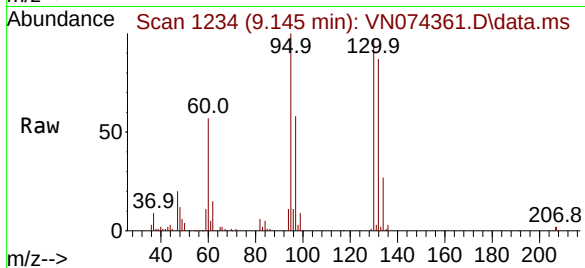
95 102.2 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#38

Methylcyclohexane

Concen: 19.596 ug/l

RT: 9.398 min Scan# 1277

Delta R.T. 0.006 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

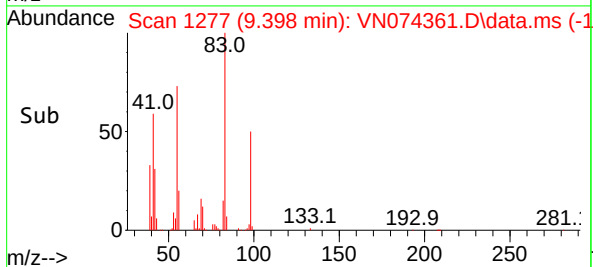
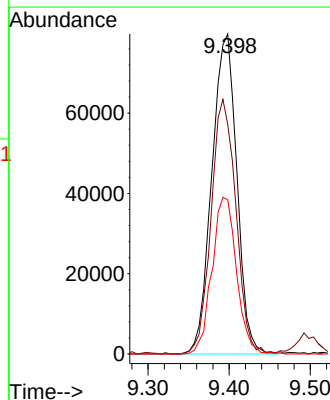
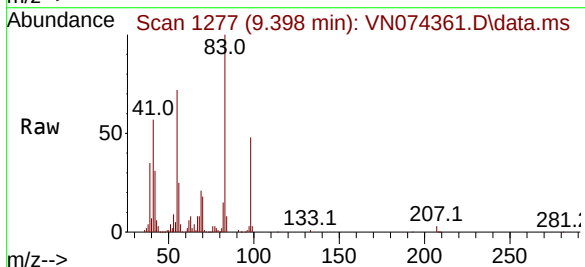
Tgt Ion: 83 Resp: 170797

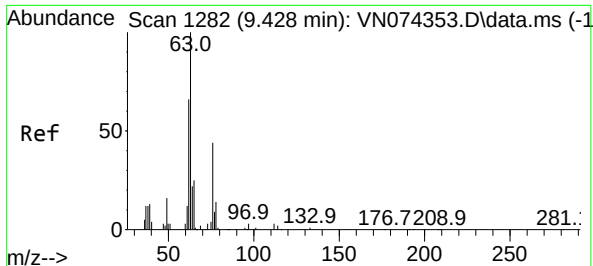
Ion Ratio Lower Upper

83 100

55 78.7 35.1 105.3

98 47.9 23.4 70.2





#39

1,2-Dichloropropane

Concen: 21.563 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01

Tgt Ion: 63 Resp: 11820

Ion Ratio Lower Upper

63 100

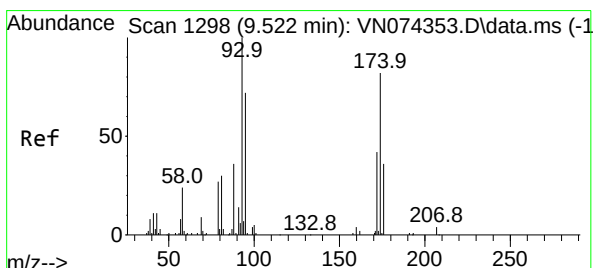
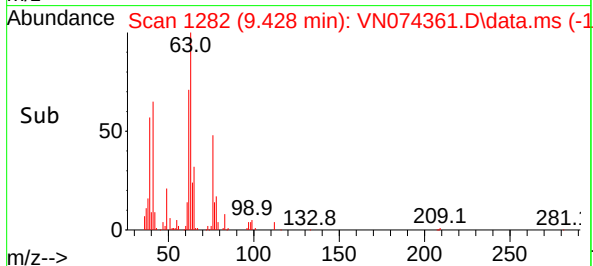
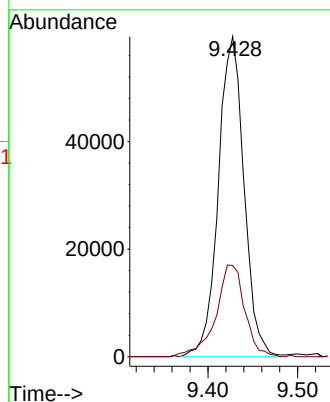
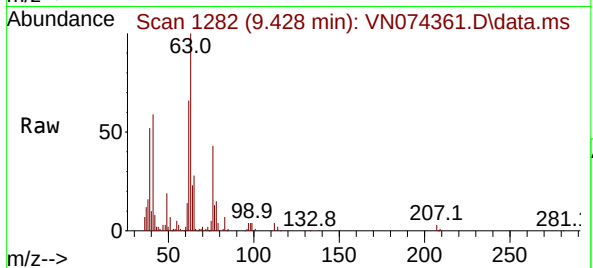
65 28.5 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#40

Dibromomethane

Concen: 21.449 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. -0.006 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

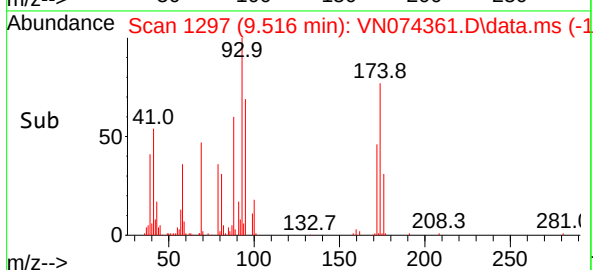
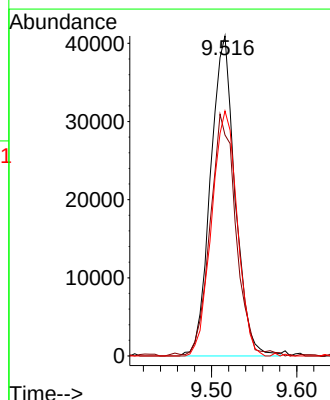
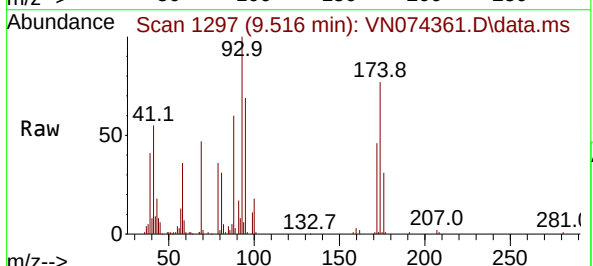
Tgt Ion: 93 Resp: 81808

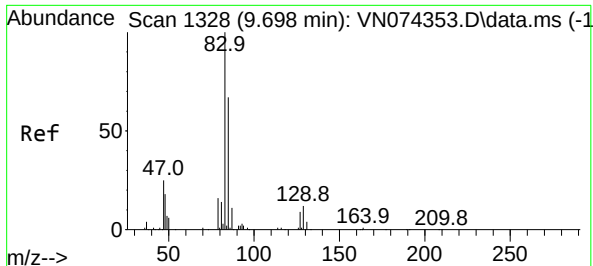
Ion Ratio Lower Upper

93 100

95 78.4 0.0 168.8

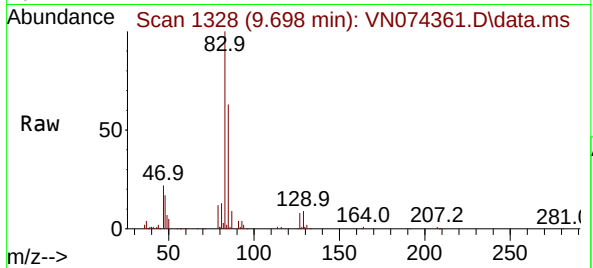
174 80.0 0.0 173.6





#41
Bromodichloromethane
Concen: 20.222 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

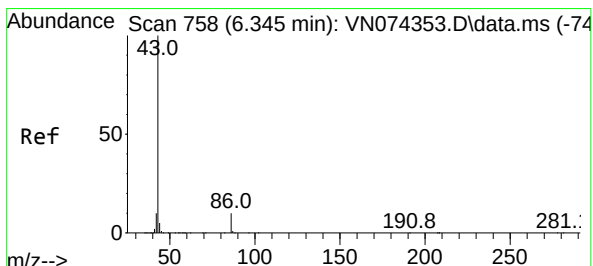
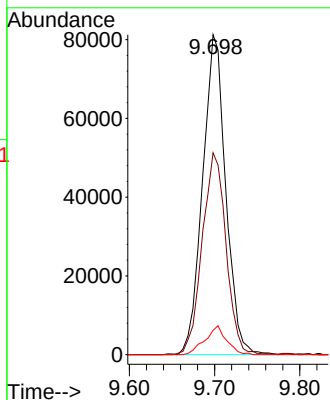
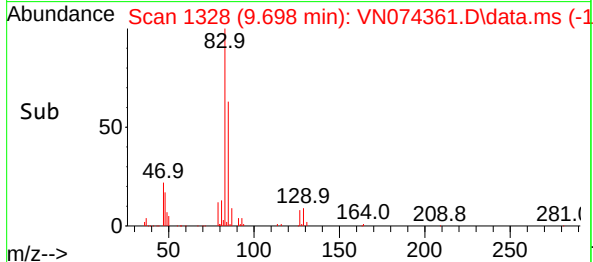
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



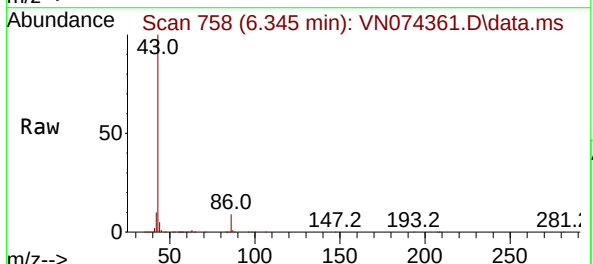
Tgt Ion: 83 Resp: 153260
Ion Ratio Lower Upper
83 100
85 62.9 54.1 81.1
127 7.6 7.6 11.4

Manual Integrations
APPROVED

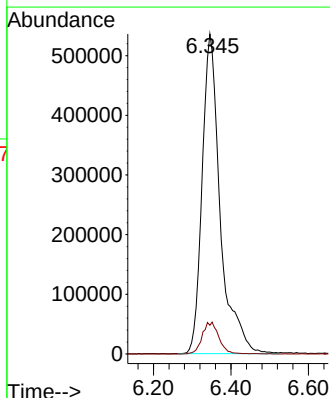
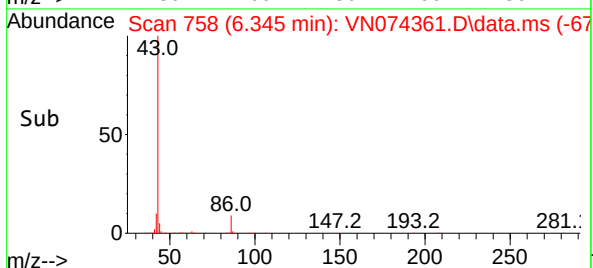
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

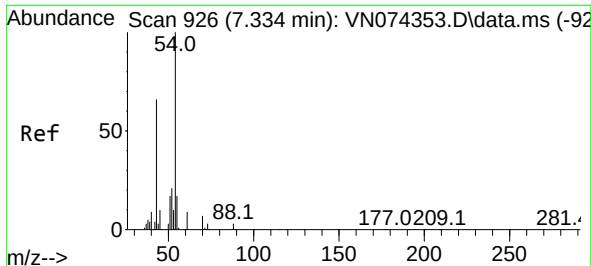


#42
Vinyl Acetate
Concen: 107.407 ug/l
RT: 6.345 min Scan# 758
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39



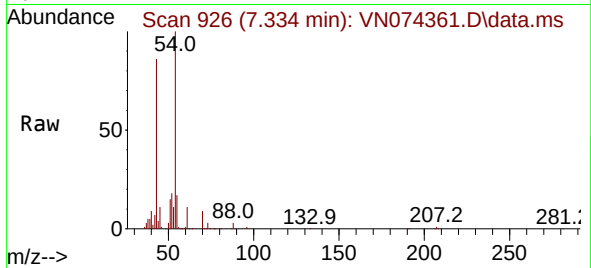
Tgt Ion: 43 Resp: 1738191
Ion Ratio Lower Upper
43 100
86 9.1 7.5 11.3





#43
Ethyl Acetate
Concen: 21.909 ug/l m
RT: 7.334 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

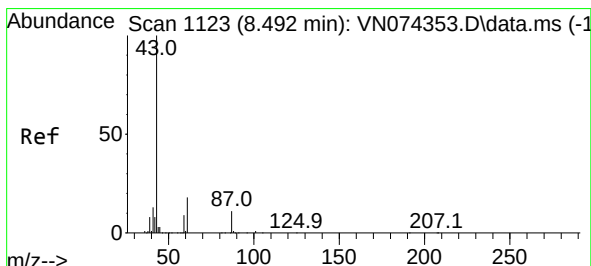
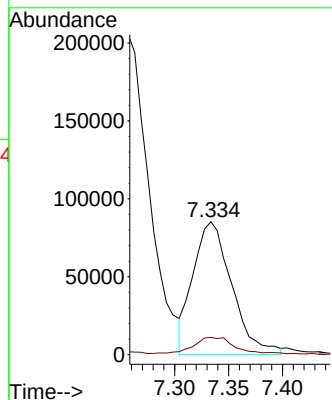
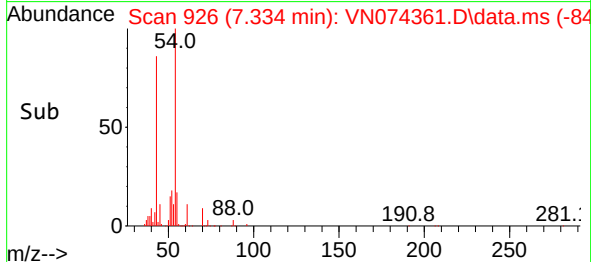
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



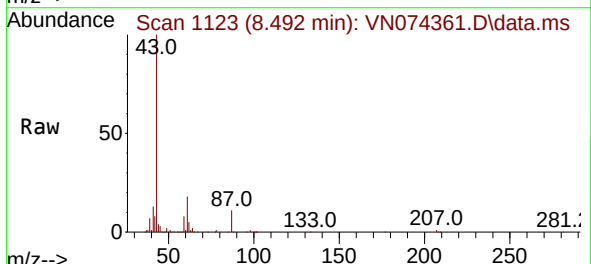
Tgt Ion: 43 Resp: 21316
Ion Ratio Lower Upper
43 100
45 0.0 10.6 16.0

Manual Integrations
APPROVED

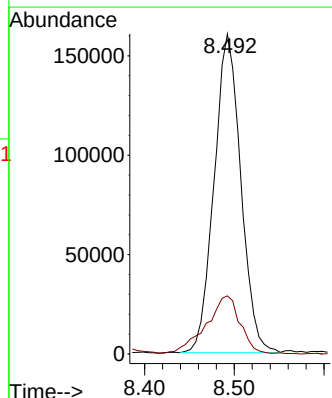
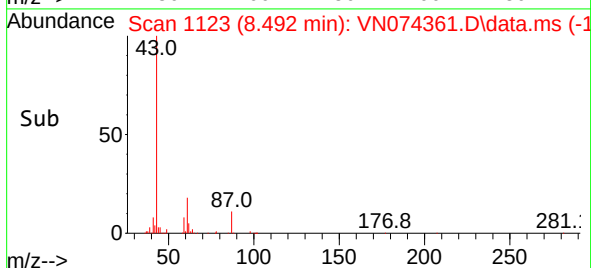
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

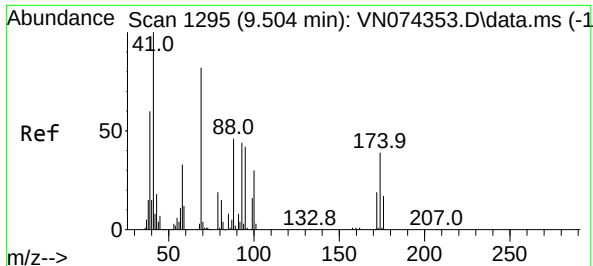


#44
Isopropyl Acetate
Concen: 21.407 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39



Tgt Ion: 43 Resp: 331041
Ion Ratio Lower Upper
43 100
61 23.3 20.1 30.1





#45

1,4-Dioxane

Concen: 424.585 ug/l

RT: 9.498 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01

Tgt Ion: 88 Resp: 6077

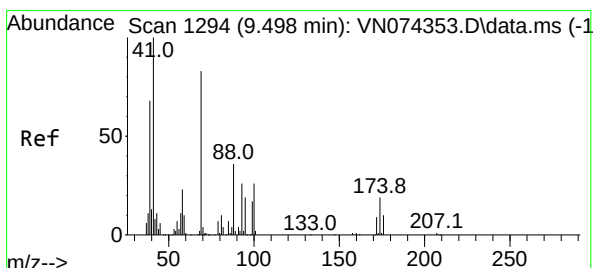
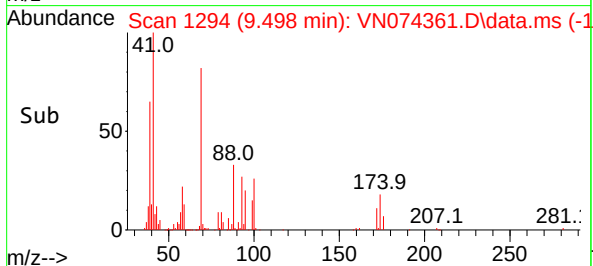
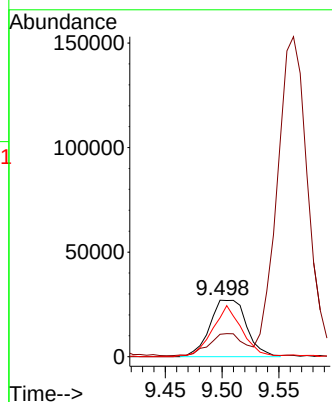
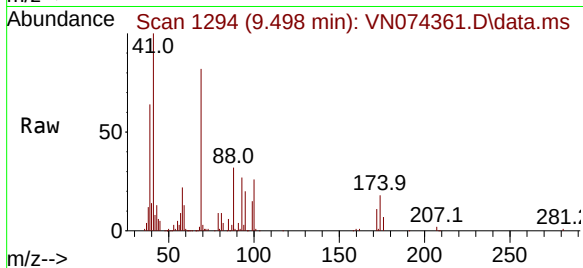
Ion	Ratio	Lower	Upper
88	100		
43	37.1	25.0	37.6
58	72.4	49.4	74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#46

Methyl methacrylate

Concen: 22.384 ug/l

RT: 9.498 min Scan# 1294

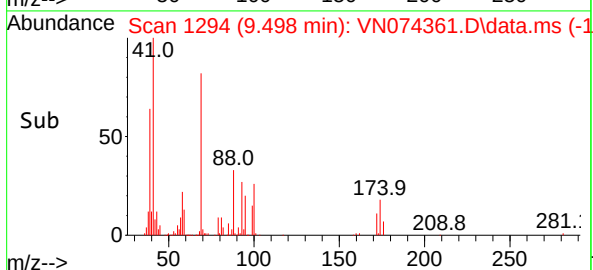
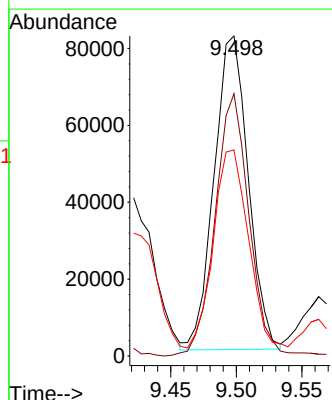
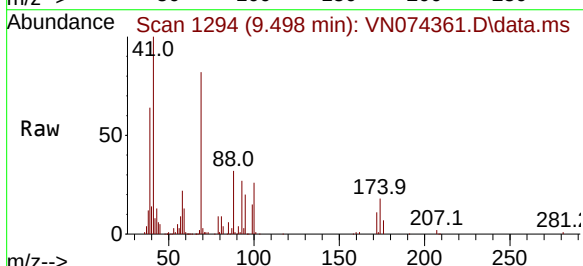
Delta R.T. 0.000 min

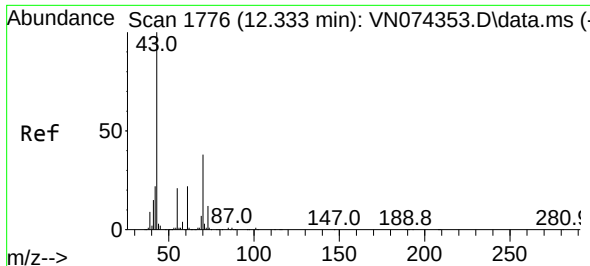
Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

Tgt Ion: 41 Resp: 148036

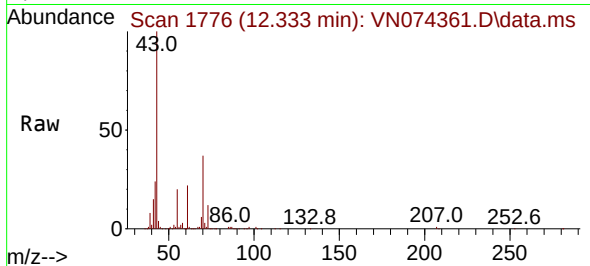
Ion	Ratio	Lower	Upper
41	100		
69	84.1	44.4	133.2
39	63.7	39.9	119.6





#47
n-amy1 Acetate
Concen: 21.022 ug/l
RT: 12.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

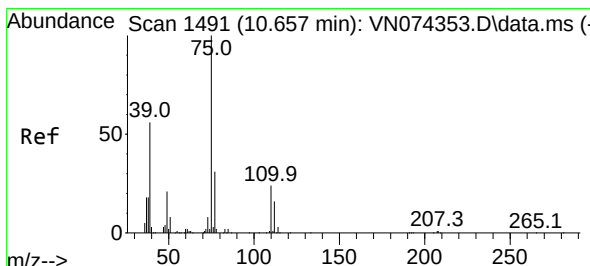
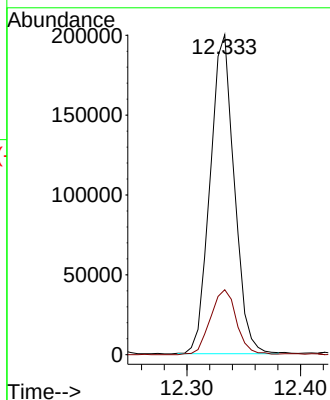
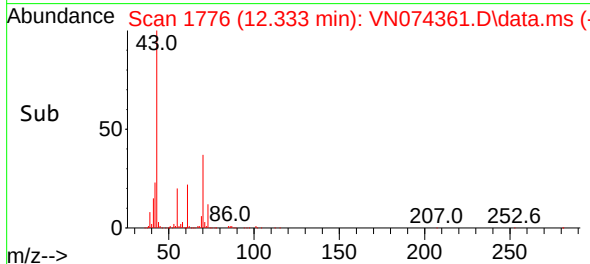
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



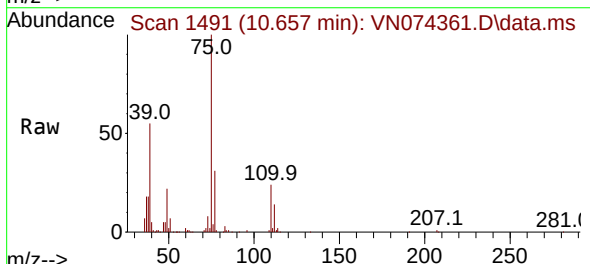
Tgt Ion: 43 Resp: 295454
Ion Ratio Lower Upper
43 100
55 22.0 19.0 28.6

Manual Integrations
APPROVED

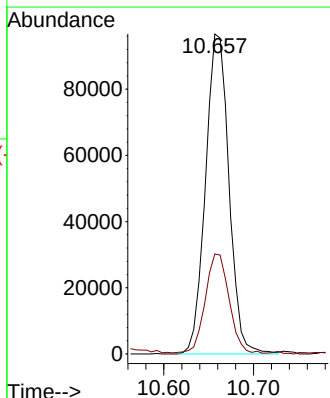
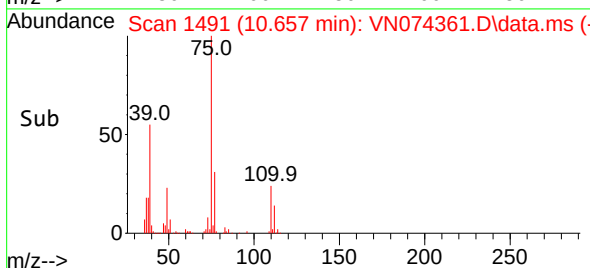
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

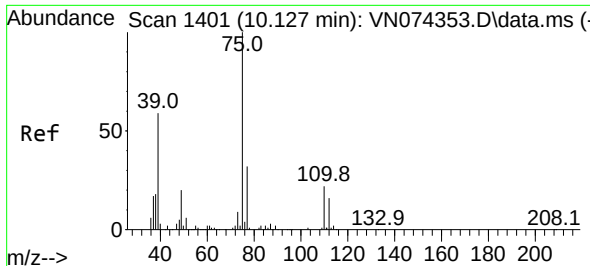


#48
t-1,3-Dichloropropene
Concen: 19.842 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39



Tgt Ion: 75 Resp: 175654
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 20.003 ug/l

RT: 10.127 min Scan# 1401

Delta R.T. 0.000 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01

Tgt Ion: 75 Resp: 180718

Ion Ratio Lower Upper

75 100

77 34.3 25.3 37.9

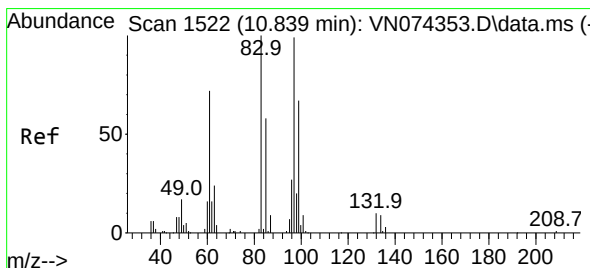
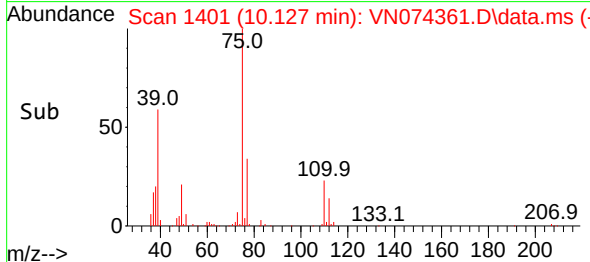
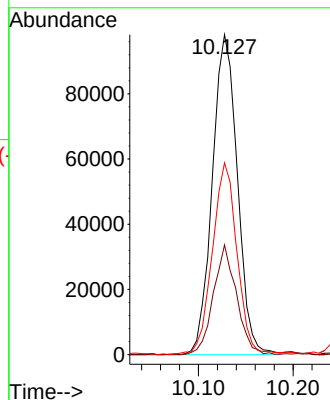
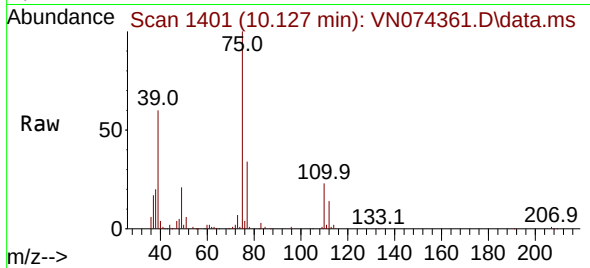
39 59.5 46.2 69.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#50

1,1,2-Trichloroethane

Concen: 20.533 ug/l

RT: 10.839 min Scan# 1522

Delta R.T. 0.000 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

Tgt Ion: 97 Resp: 110796

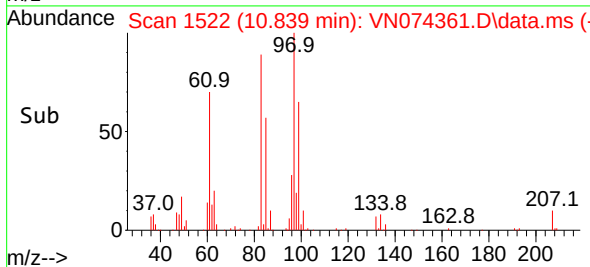
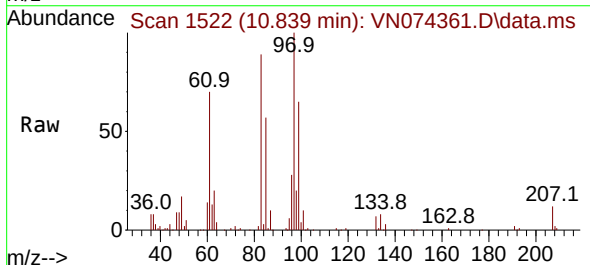
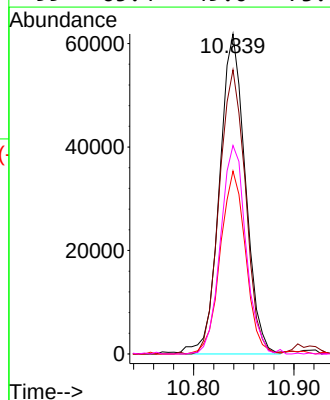
Ion Ratio Lower Upper

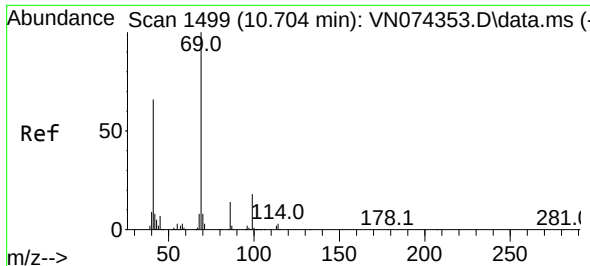
97 100

83 88.5 67.2 100.8

85 57.4 43.0 64.4

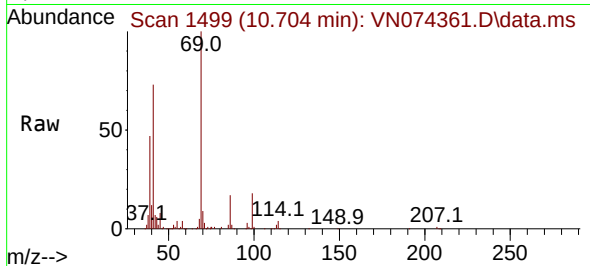
99 65.4 49.0 73.4





#51
Ethyl methacrylate
Concen: 20.371 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

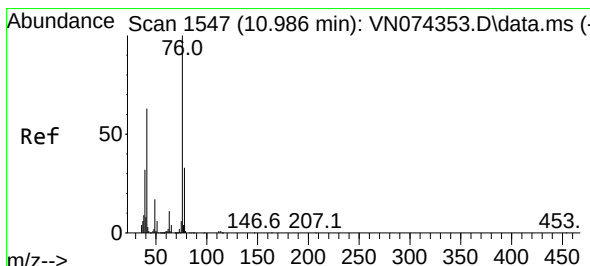
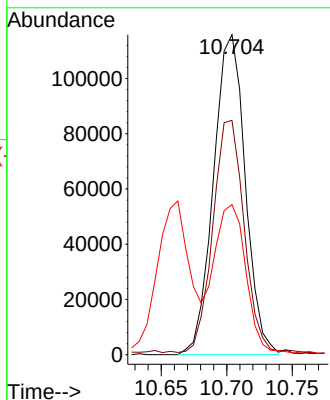
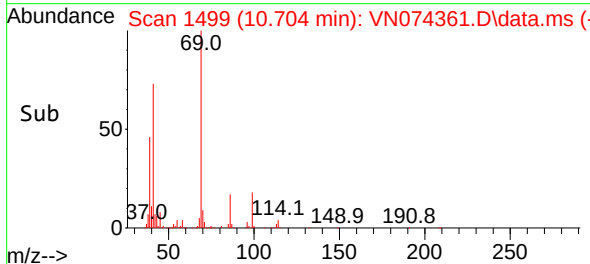
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



Tgt Ion: 69 Resp: 19557
Ion Ratio Lower Upper
69 100
41 72.6 33.0 98.9
39 45.7 25.4 76.4

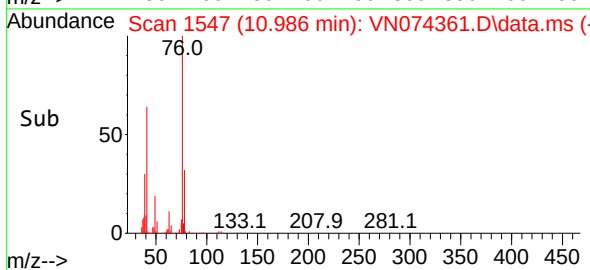
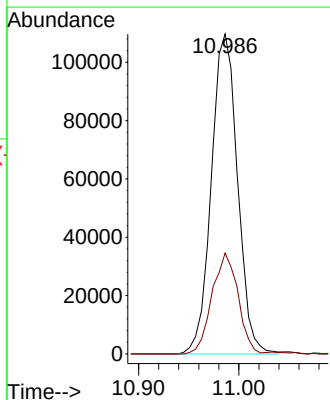
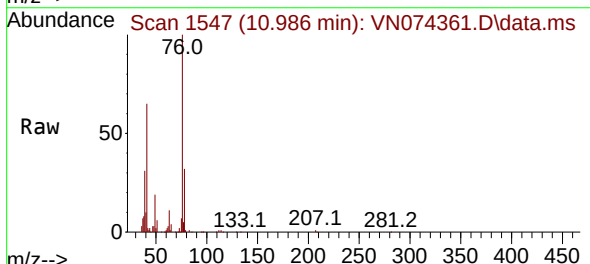
Manual Integrations
APPROVED

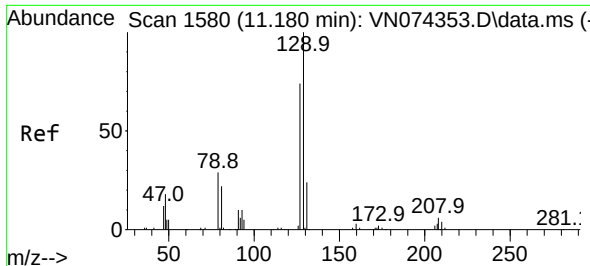
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#52
1,3-Dichloropropane
Concen: 21.291 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

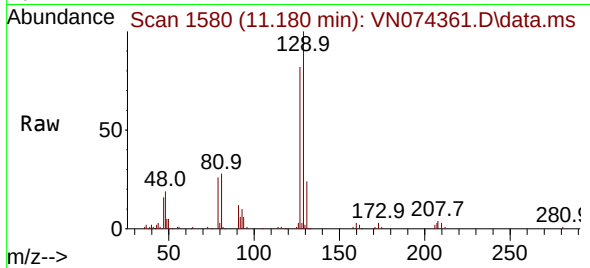
Tgt Ion: 76 Resp: 199248
Ion Ratio Lower Upper
76 100
78 31.2 0.0 65.4





#53
Dibromochloromethane
Concen: 19.795 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

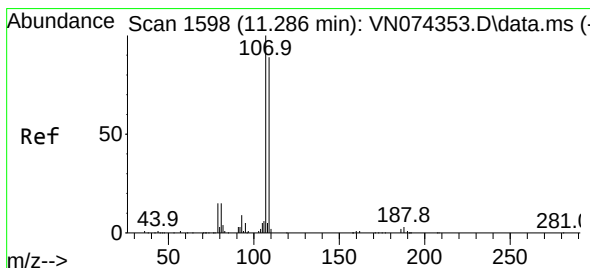
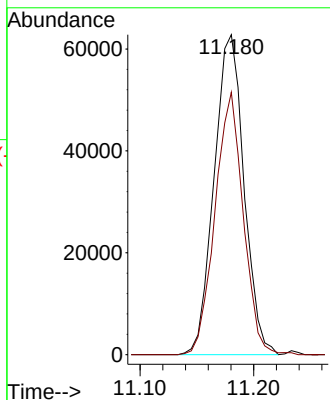
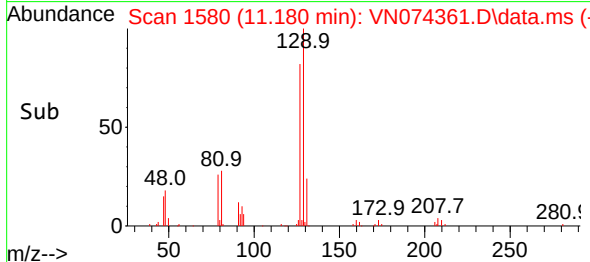
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



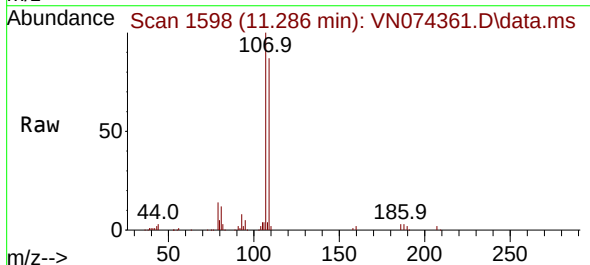
Tgt Ion:129 Resp: 114850
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

Manual Integrations
APPROVED

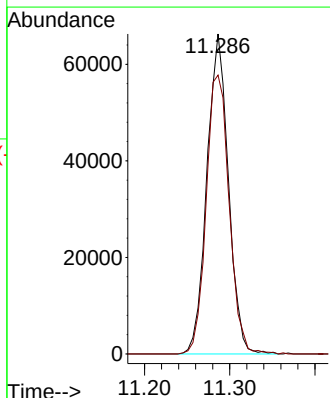
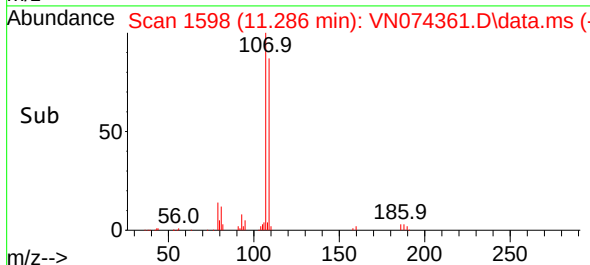
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

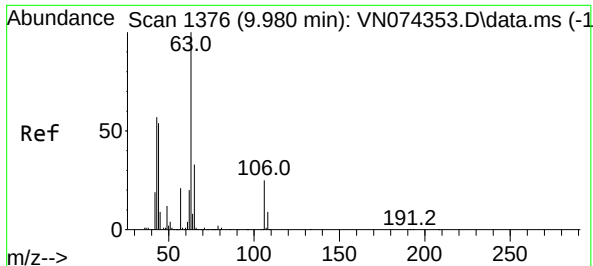


#54
1,2-Dibromoethane
Concen: 20.536 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39



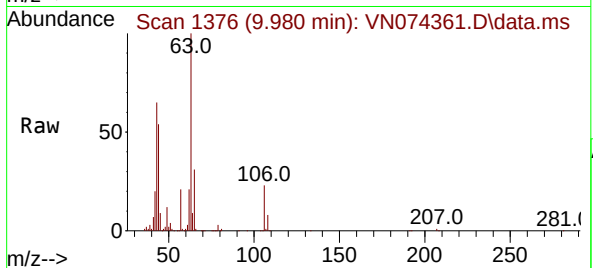
Tgt Ion:107 Resp: 116156
Ion Ratio Lower Upper
107 100
109 92.6 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 106.676 ug/l
RT: 9.980 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

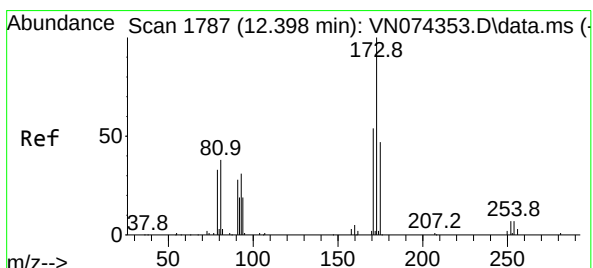
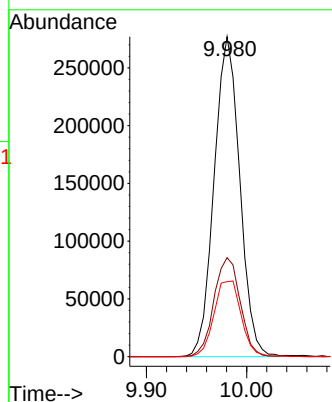
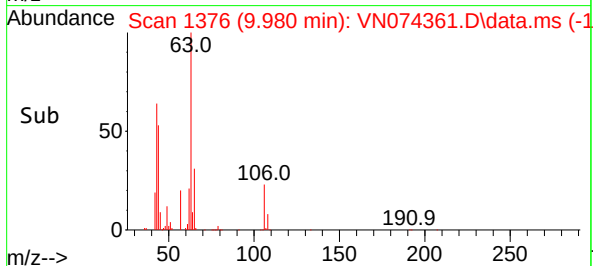
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



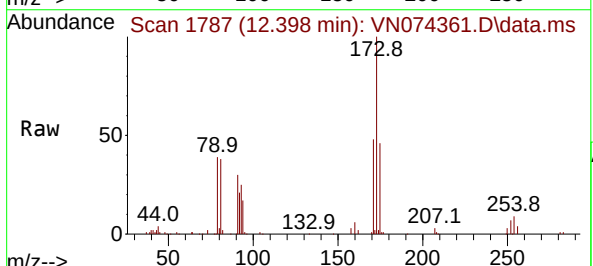
Tgt Ion: 63 Resp: 491940
Ion Ratio Lower Upper
63 100
65 31.8 25.4 38.0
106 25.2 23.2 34.8

Manual Integrations
APPROVED

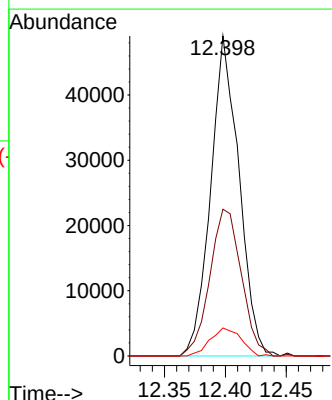
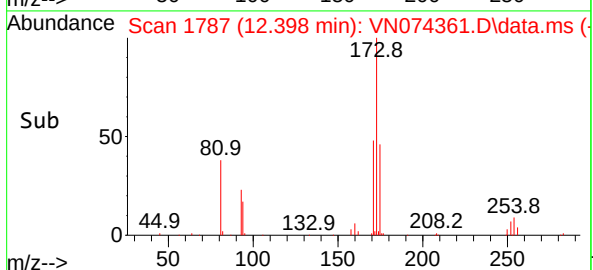
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

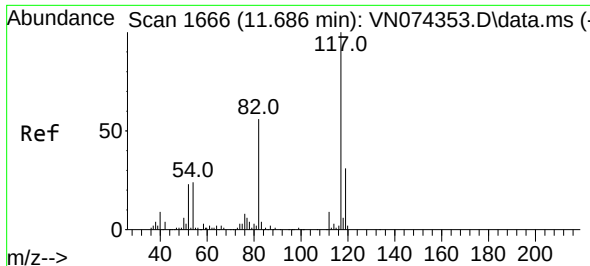


#56
Bromoform
Concen: 17.965 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39



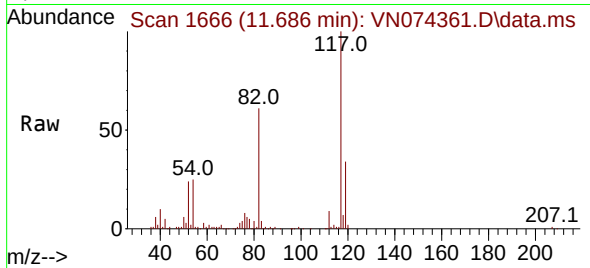
Tgt Ion:173 Resp: 79405
Ion Ratio Lower Upper
173 100
175 51.0 38.6 58.0
254 9.4 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

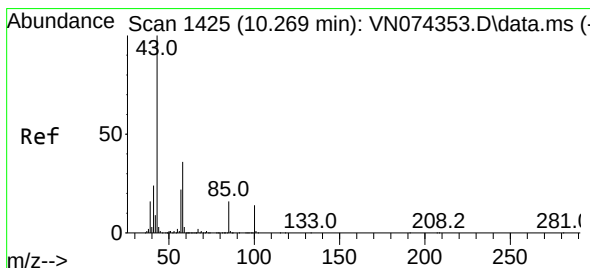
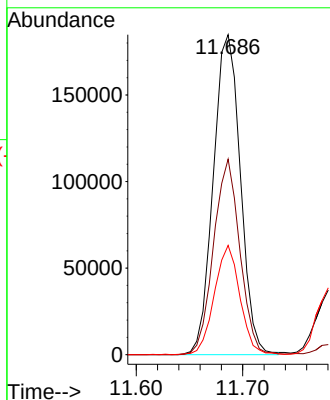
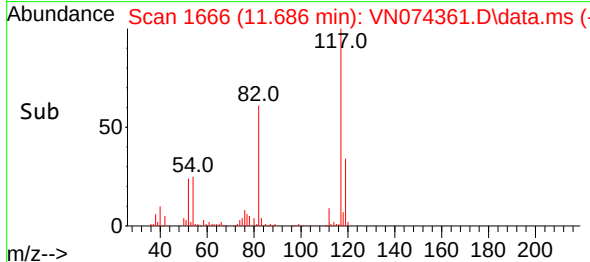
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



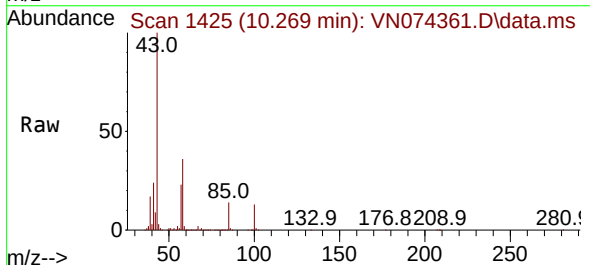
Tgt Ion: 117 Resp: 326310
Ion Ratio Lower Upper
117 100
82 59.3 43.6 65.4
119 32.3 25.8 38.6

Manual Integrations
APPROVED

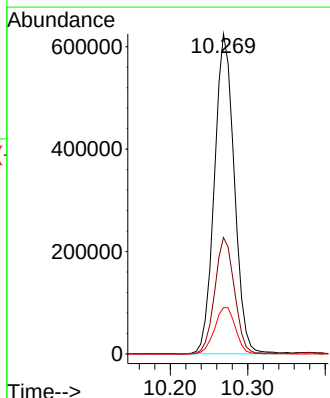
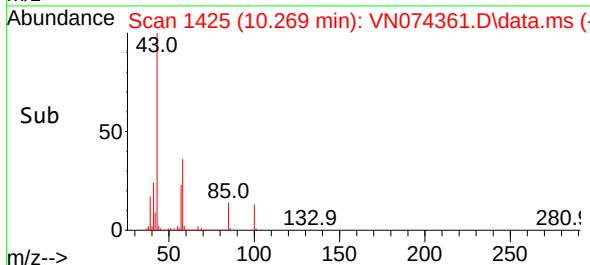
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

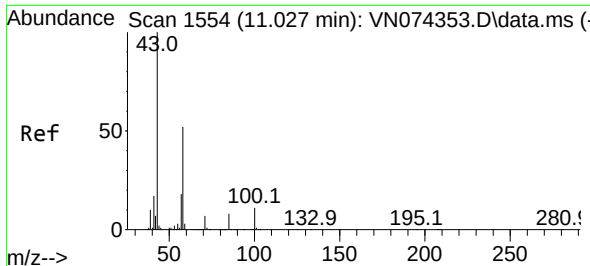


#58
4-Methyl-2-Pentanone
Concen: 109.750 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39



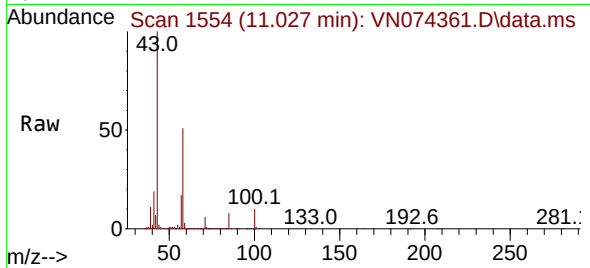
Tgt Ion: 43 Resp: 1113173
Ion Ratio Lower Upper
43 100
58 36.0 30.0 45.0
85 15.4 15.0 22.6





#59
2-Hexanone
Concen: 110.076 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

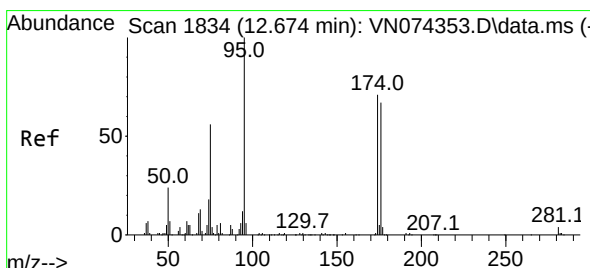
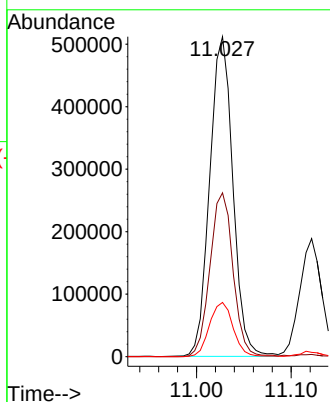
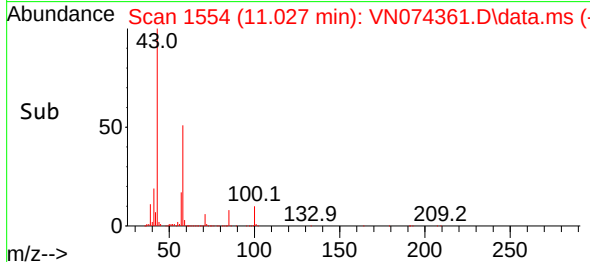
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



Tgt Ion: 43 Resp: 86987
Ion Ratio Lower Upper
43 100
58 50.9 42.2 63.2
57 17.4 15.0 22.4

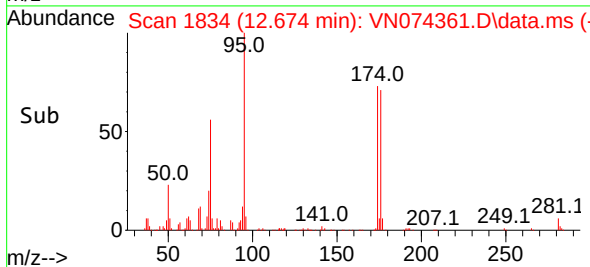
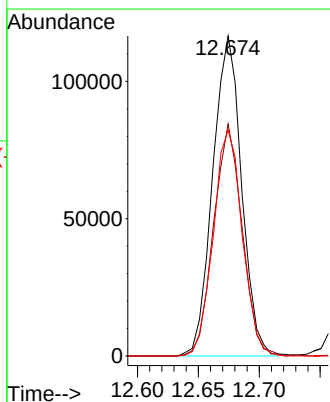
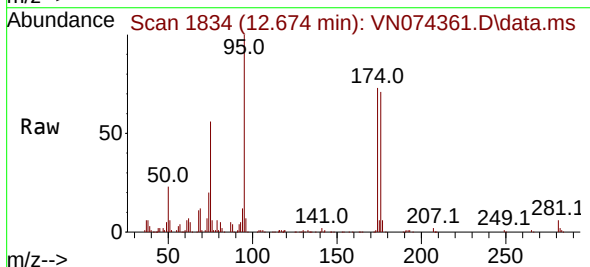
Manual Integrations
APPROVED

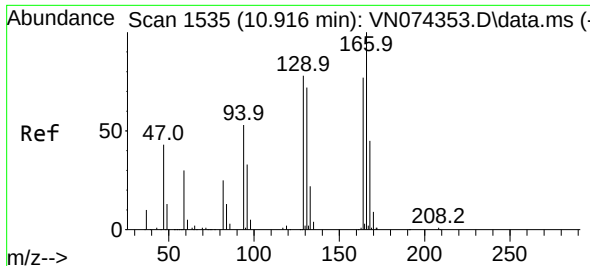
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#60
4-Bromofluorobenzene
Concen: 29.392 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

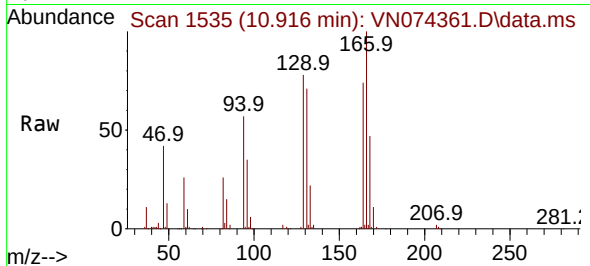
Tgt Ion: 95 Resp: 191799
Ion Ratio Lower Upper
95 100
174 71.4 62.9 94.3
176 71.1 61.0 91.4





#61
Tetrachloroethene
Concen: 18.532 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

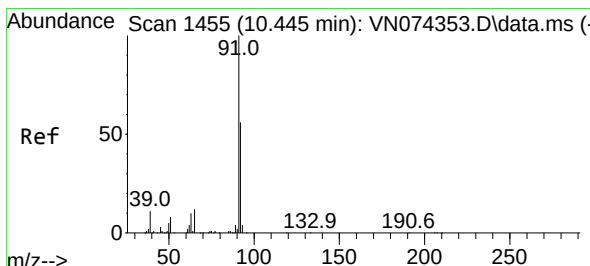
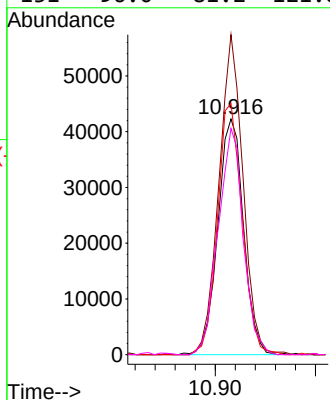
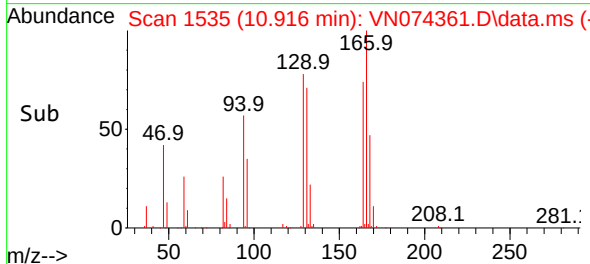
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



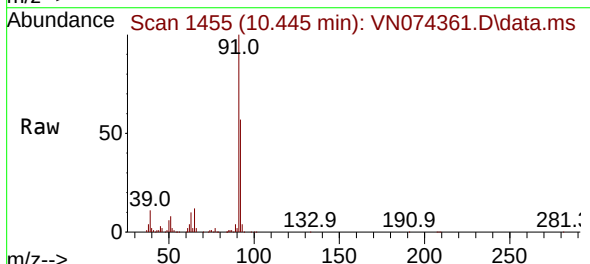
Tgt Ion:164 Resp: 75020
Ion Ratio Lower Upper
164 100
166 135.8 105.8 158.8
129 106.6 82.5 123.7
131 96.0 81.2 121.8

Manual Integrations
APPROVED

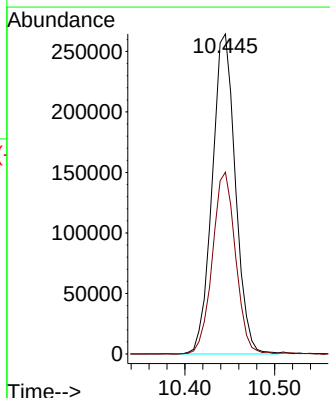
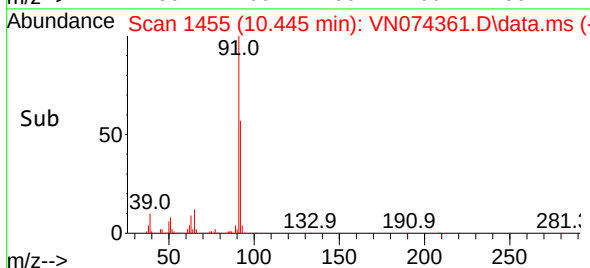
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

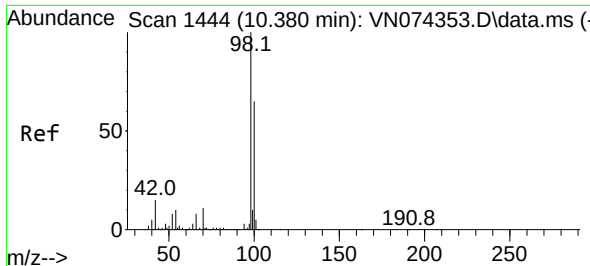


#62
Toluene
Concen: 20.121 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39



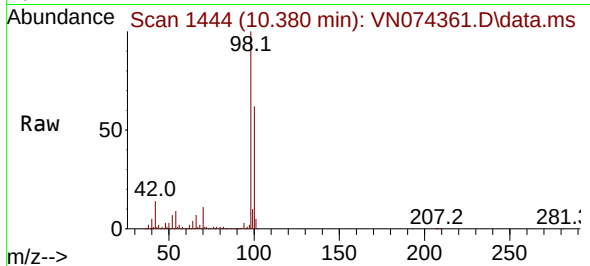
Tgt Ion: 91 Resp: 474696
Ion Ratio Lower Upper
91 100
92 56.6 44.6 67.0





#63
Toluene-d8
Concen: 30.310 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

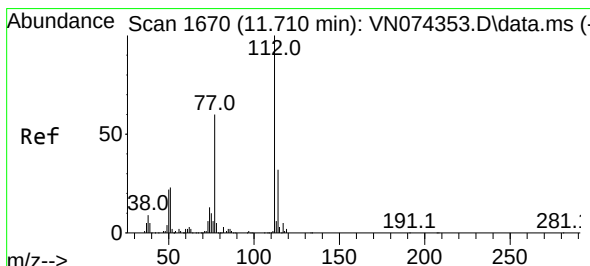
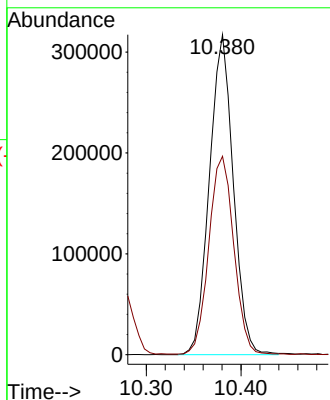
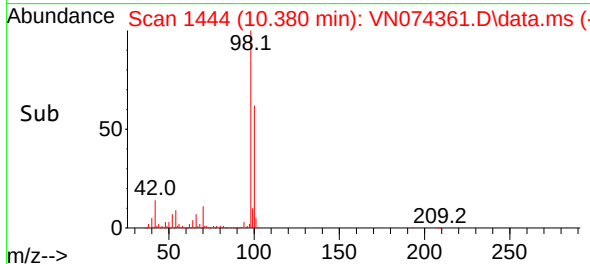
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



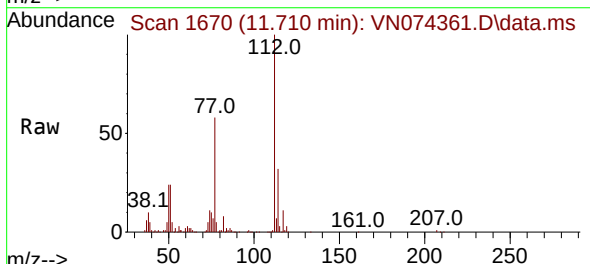
Tgt Ion: 98 Resp: 555533
Ion Ratio Lower Upper
98 100
100 65.0 50.6 76.0

Manual Integrations
APPROVED

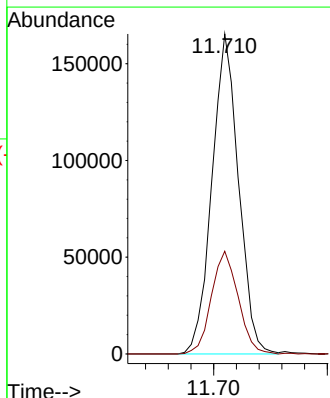
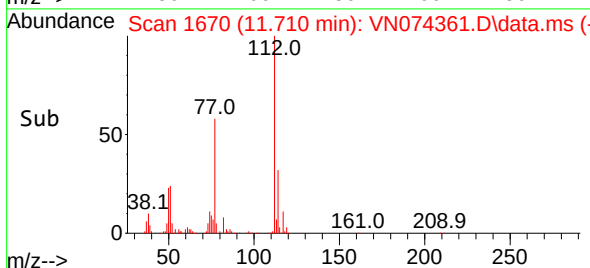
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

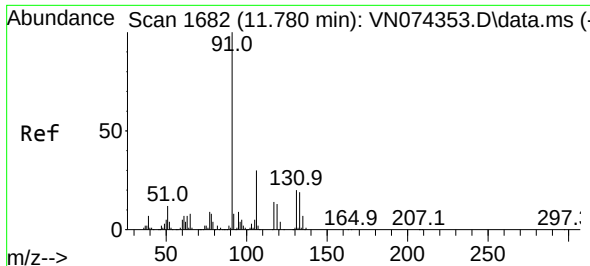


#64
Chlorobenzene
Concen: 19.256 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39



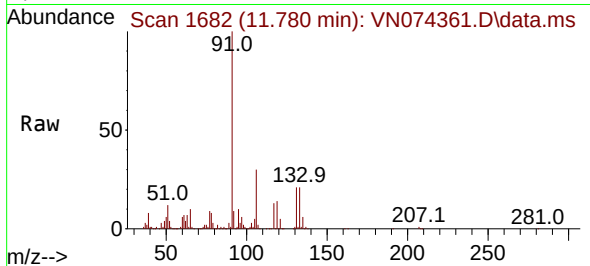
Tgt Ion:112 Resp: 268837
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 19.941 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

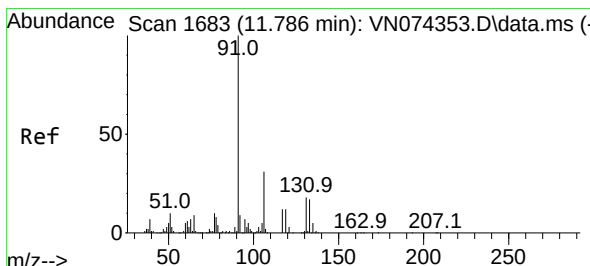
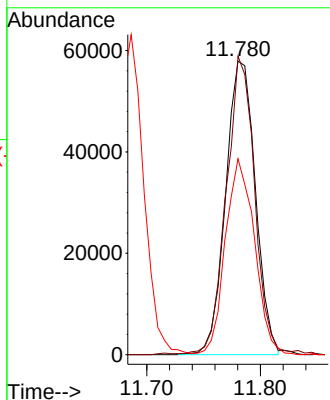
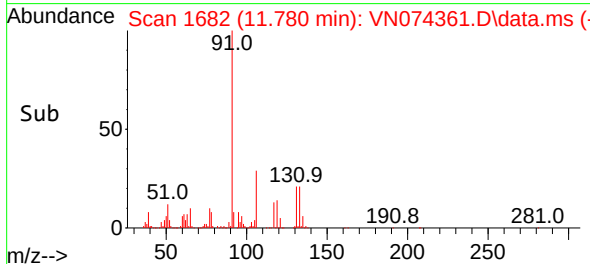
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



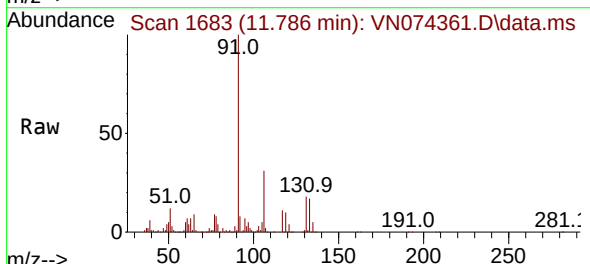
Tgt Ion:131 Resp: 105440
Ion Ratio Lower Upper
131 100
133 96.6 0.0 191.2
119 65.5 0.0 128.8

Manual Integrations
APPROVED

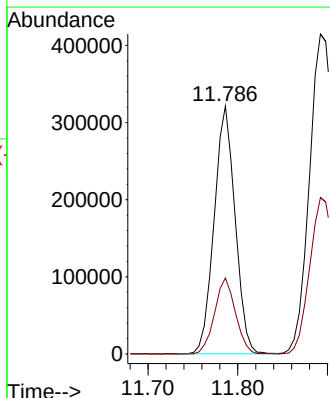
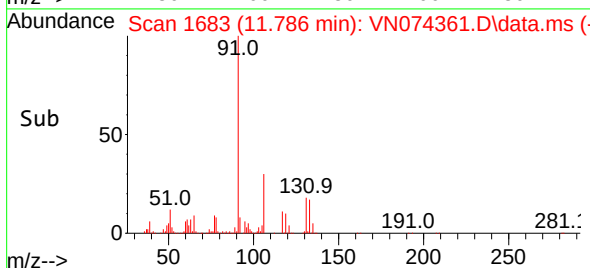
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

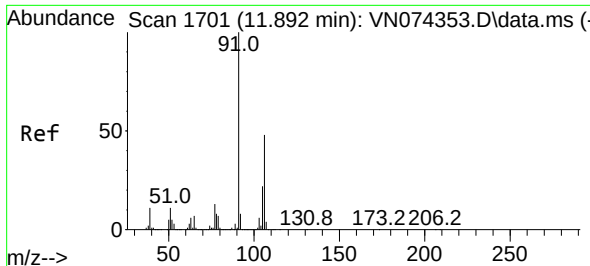


#66
Ethyl Benzene
Concen: 19.960 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39



Tgt Ion: 91 Resp: 520828
Ion Ratio Lower Upper
91 100
106 30.7 24.0 36.0





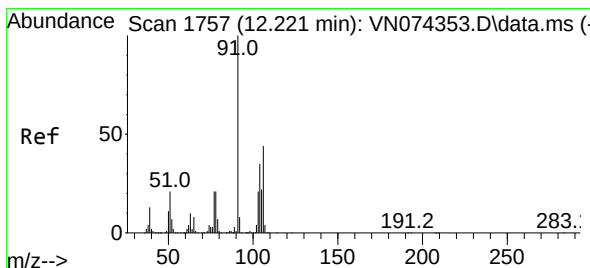
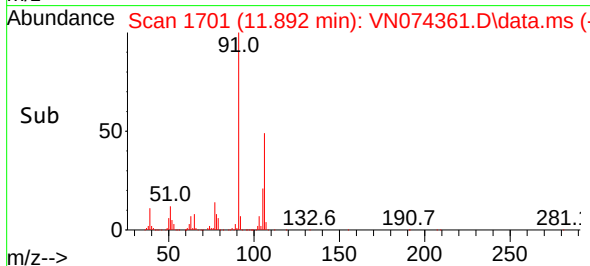
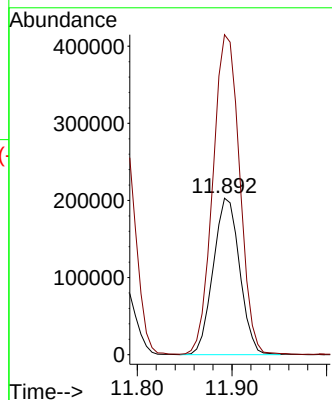
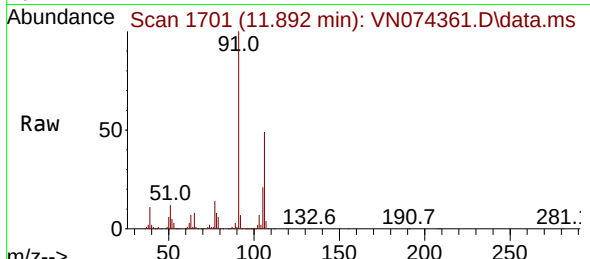
#67
m/p-Xylenes
Concen: 39.558 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

Tgt Ion:106 Resp: 393560
Ion Ratio Lower Upper
106 100
91 206.3 162.9 244.3

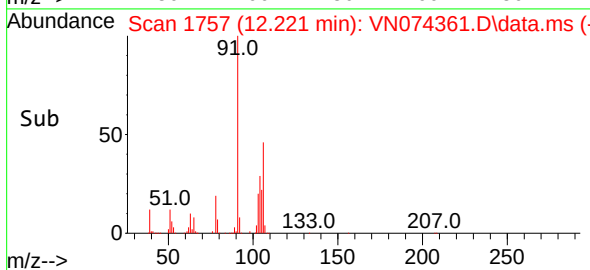
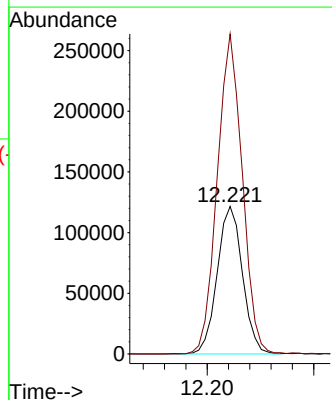
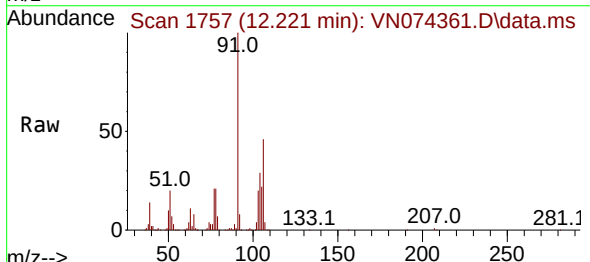
Manual Integrations
APPROVED

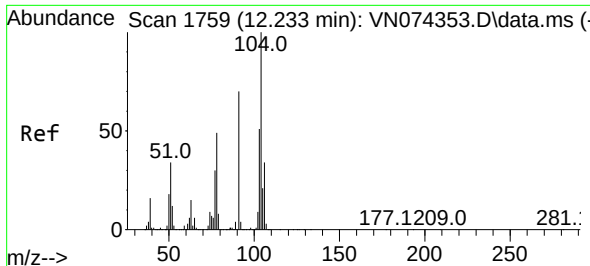
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#68
o-Xylene
Concen: 19.682 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

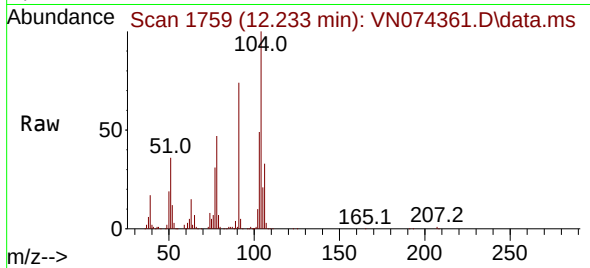
Tgt Ion:106 Resp: 199856
Ion Ratio Lower Upper
106 100
91 214.4 107.7 323.1





#69
Styrene
Concen: 19.161 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

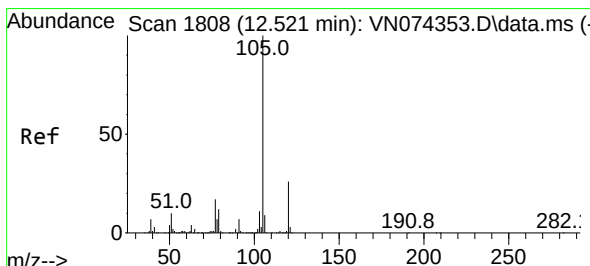
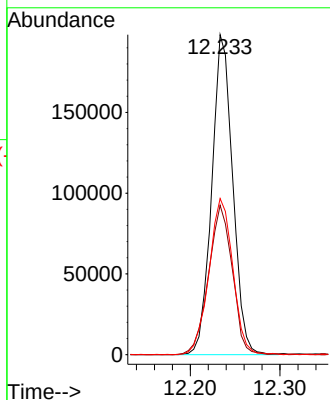
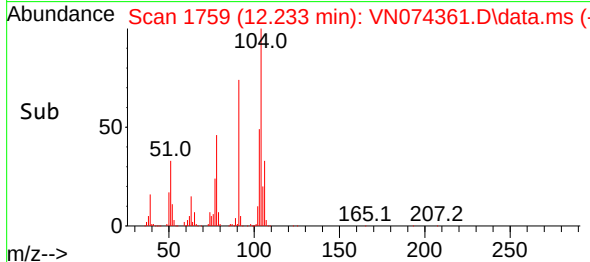
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



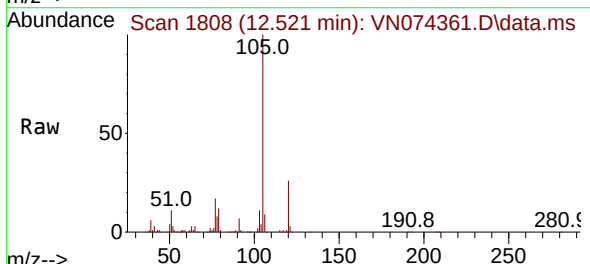
Tgt Ion:104 Resp: 321829
Ion Ratio Lower Upper
104 100
78 52.6 40.7 61.1
103 55.6 45.8 68.8

Manual Integrations
APPROVED

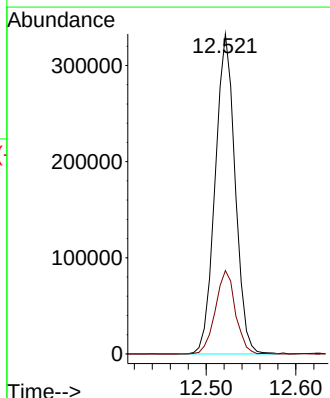
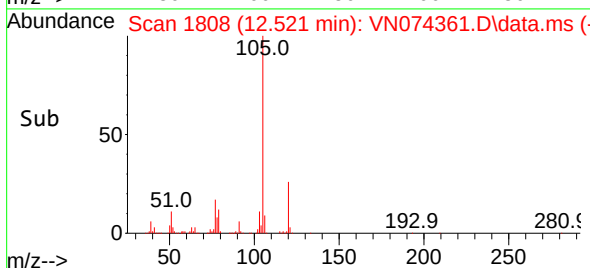
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

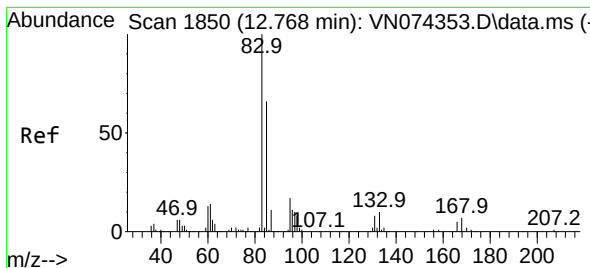


#70
Isopropylbenzene
Concen: 19.478 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39



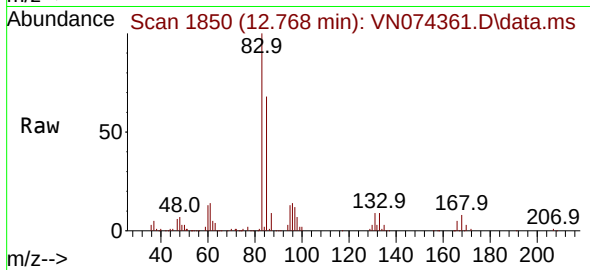
Tgt Ion:105 Resp: 513629
Ion Ratio Lower Upper
105 100
120 26.1 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 21.522 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

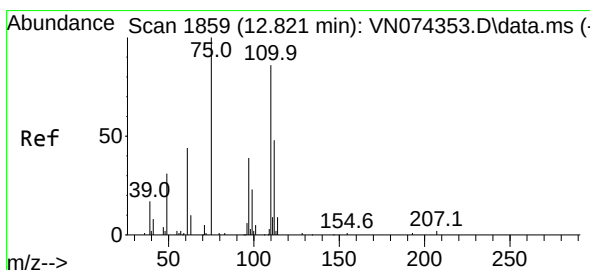
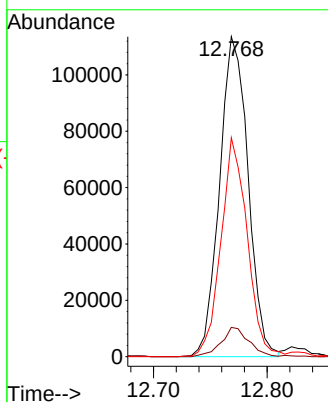
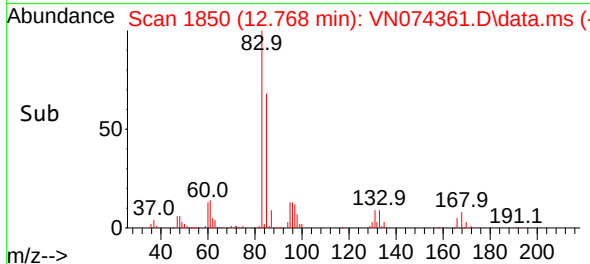
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



Tgt Ion: 83 Resp: 19791
Ion Ratio Lower Upper
83 100
131 8.9 5.1 15.3
85 63.0 33.1 99.2

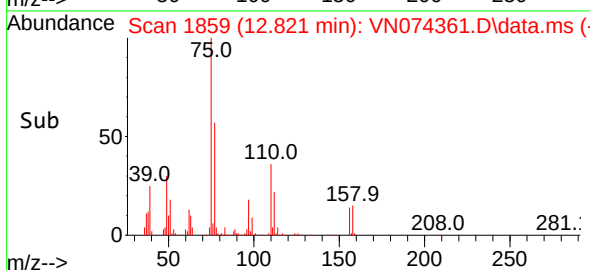
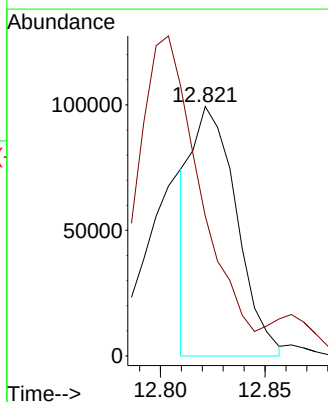
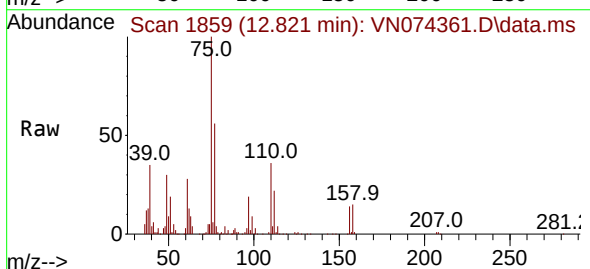
Manual Integrations
APPROVED

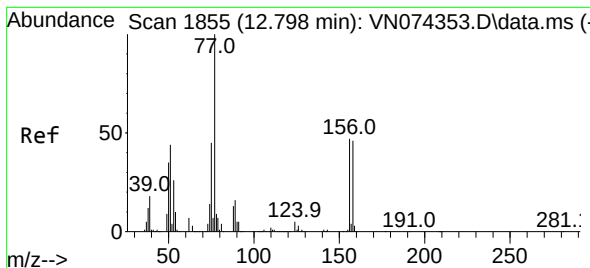
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#72
1,2,3-Trichloropropane
Concen: 19.736 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

Tgt Ion: 75 Resp: 149060
Ion Ratio Lower Upper
75 100
77 181.4 0.0 378.0





#73

Bromobenzene

Concen: 19.043 ug/l

RT: 12.804 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01

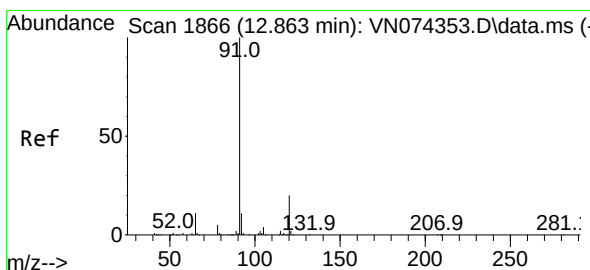
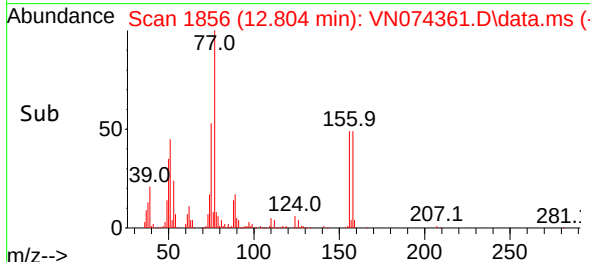
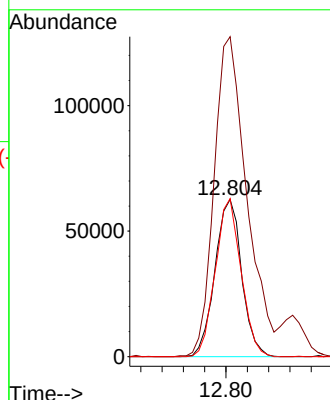
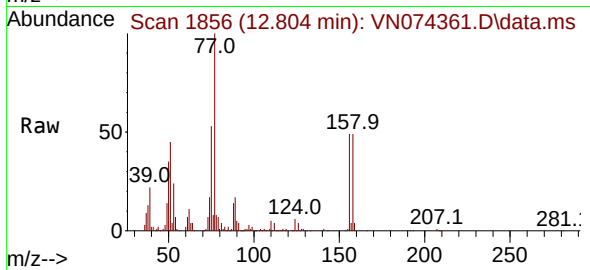
Tgt Ion:	156	Resp:	108915
Ion Ratio	Lower	Upper	
156	100		
77	248.3	0.0	416.0
158	96.7	0.0	195.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#74

n-propylbenzene

Concen: 19.246 ug/l

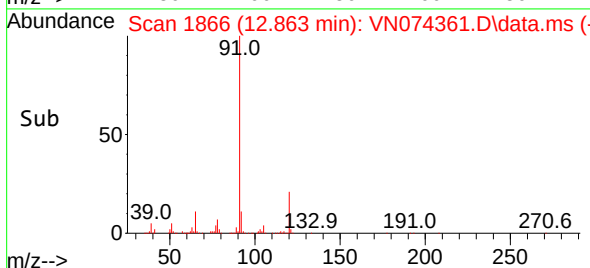
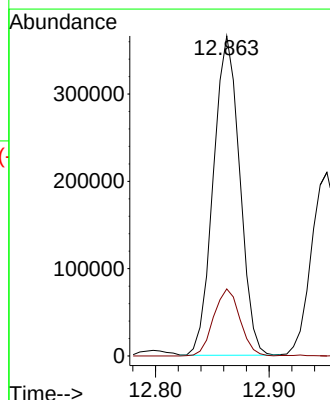
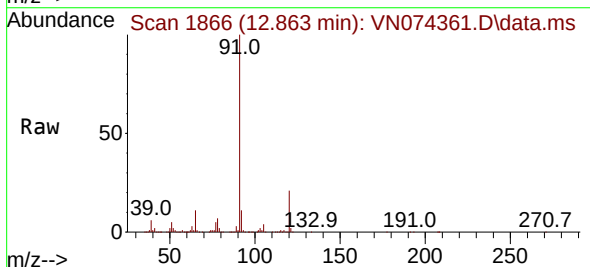
RT: 12.863 min Scan# 1866

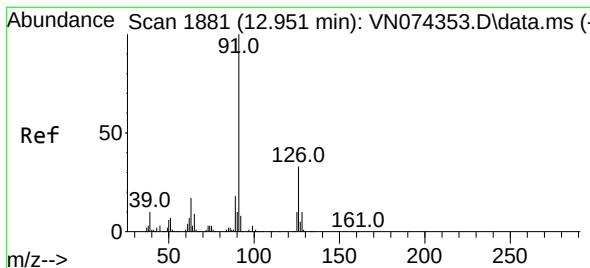
Delta R.T. 0.000 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

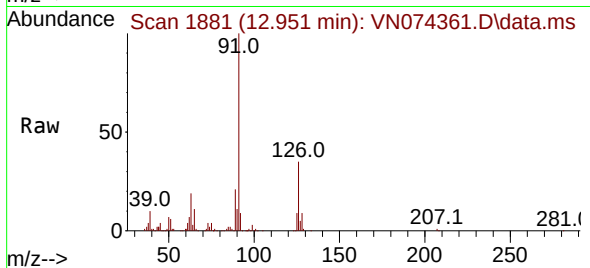
Tgt Ion:	91	Resp:	589870
Ion Ratio	Lower	Upper	
91	100		
120	21.0	0.0	45.0





#75
2-Chlorotoluene
Concen: 19.569 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

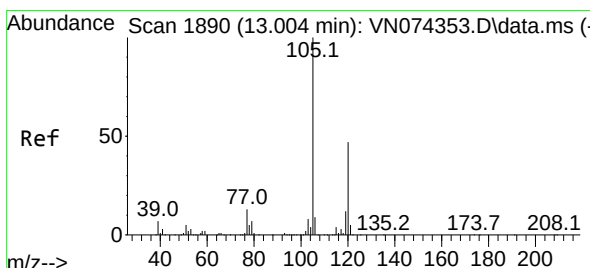
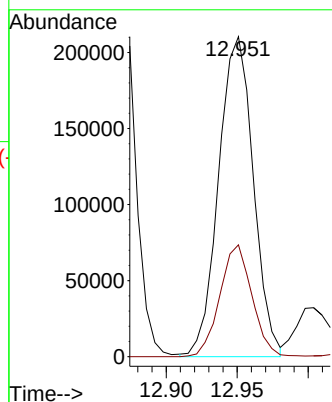
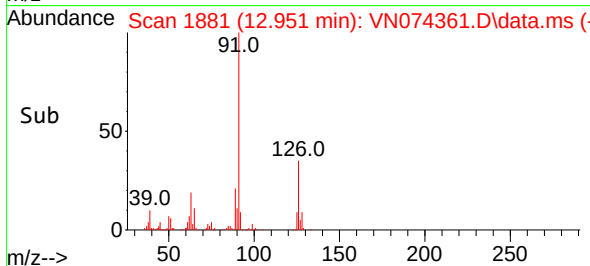
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



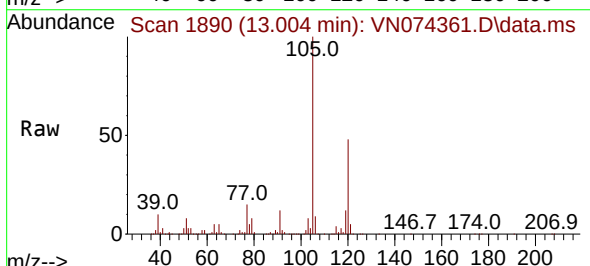
Tgt Ion: 91 Resp: 357920
Ion Ratio Lower Upper
91 100
126 32.3 0.0 69.8

Manual Integrations
APPROVED

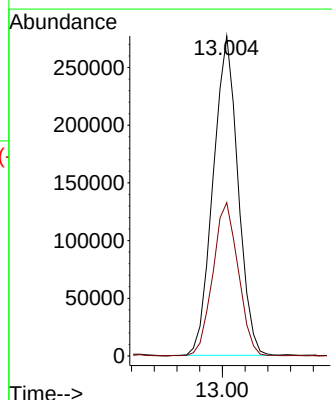
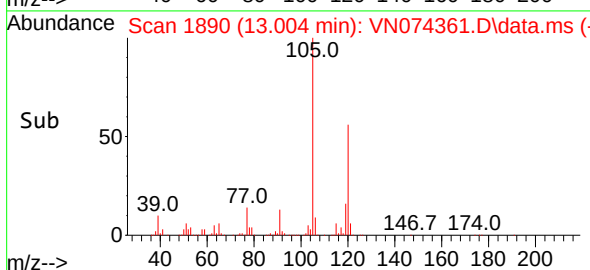
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

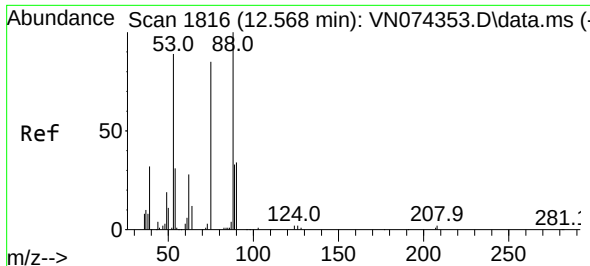


#76
1,3,5-Trimethylbenzene
Concen: 18.994 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39



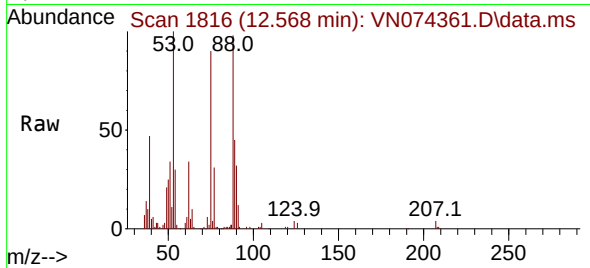
Tgt Ion:105 Resp: 421167
Ion Ratio Lower Upper
105 100
120 49.0 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.909 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

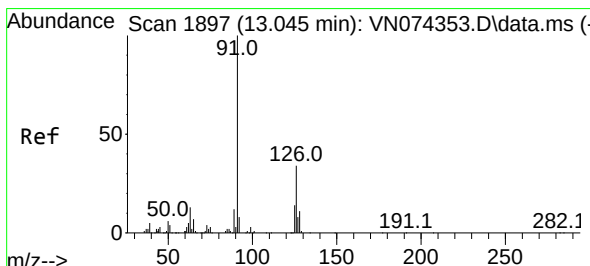
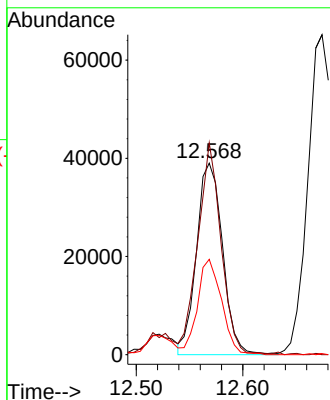
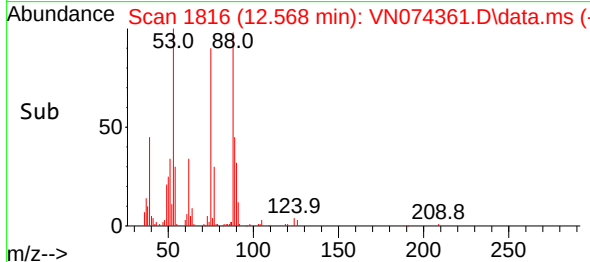
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



Tgt Ion: 75 Resp: 66492
Ion Ratio Lower Upper
75 100
53 109.8 51.8 155.5
89 50.1 22.9 68.7

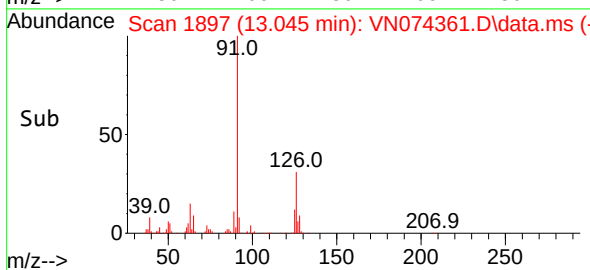
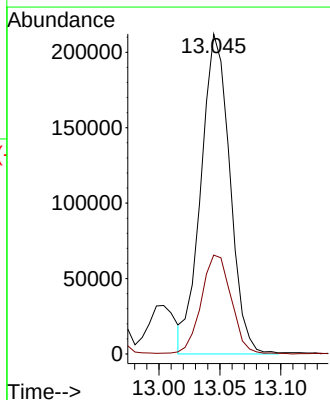
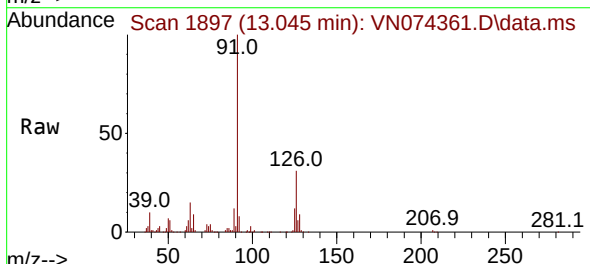
Manual Integrations
APPROVED

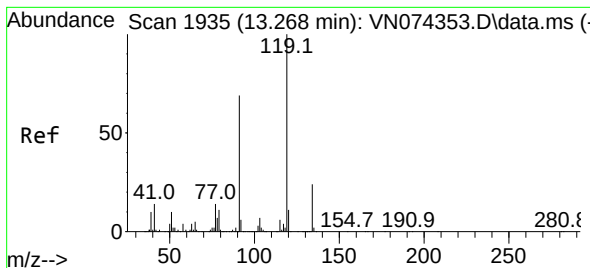
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#78
4-Chlorotoluene
Concen: 19.460 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

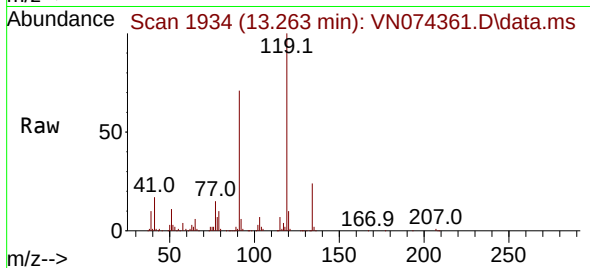
Tgt Ion: 91 Resp: 350324
Ion Ratio Lower Upper
91 100
126 32.1 0.0 70.6





#79
tert-butylbenzene
Concen: 18.943 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. -0.006 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

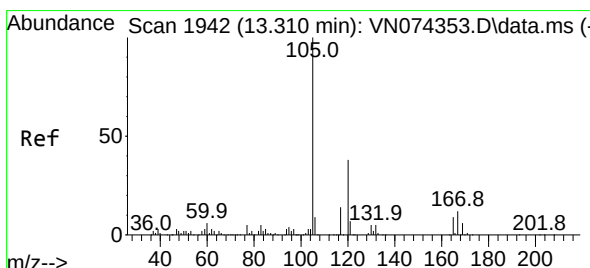
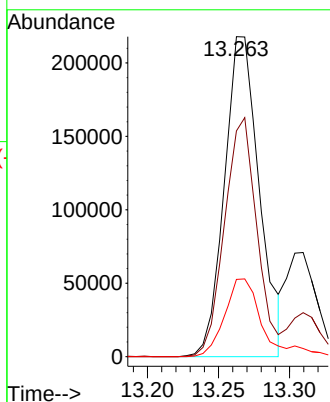
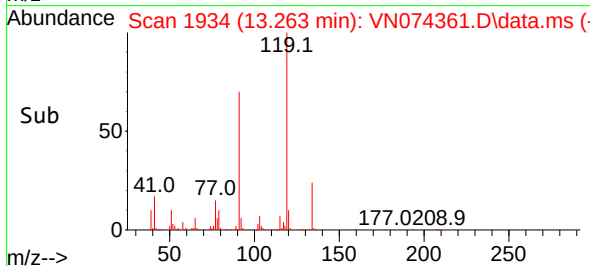
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



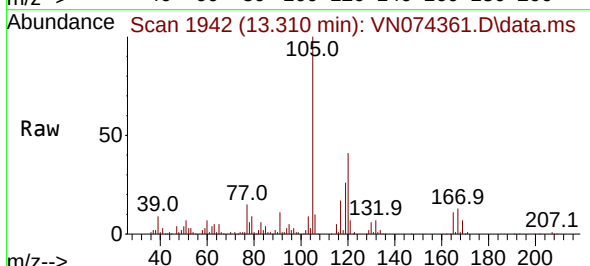
Tgt Ion:119 Resp: 373450
Ion Ratio Lower Upper
119 100
91 69.3 0.0 137.0
134 24.4 0.0 47.6

Manual Integrations
APPROVED

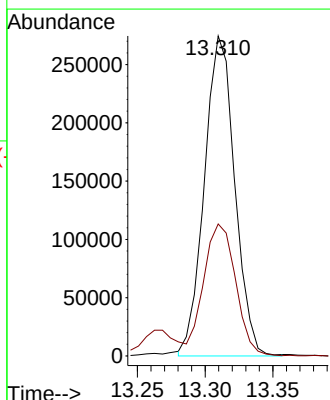
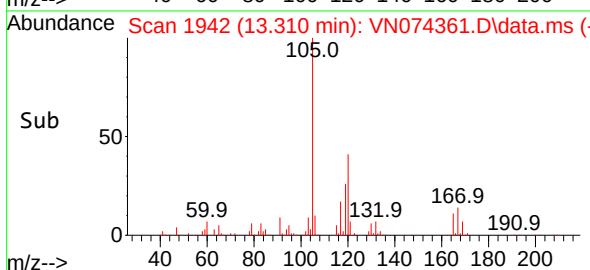
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

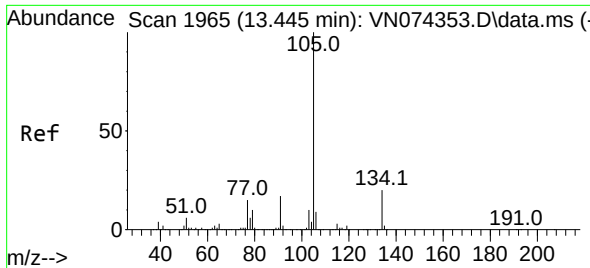


#80
1,2,4-Trimethylbenzene
Concen: 19.183 ug/l m
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39



Tgt Ion:105 Resp: 428186
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





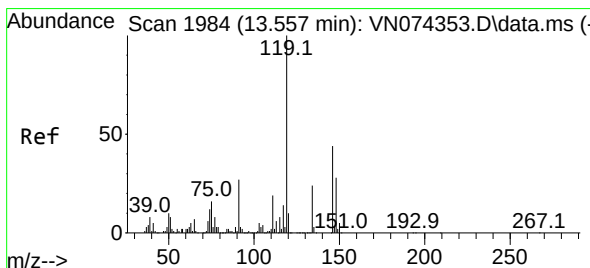
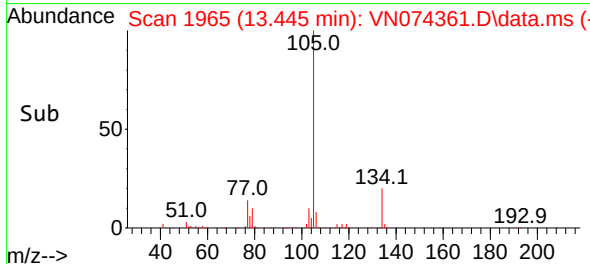
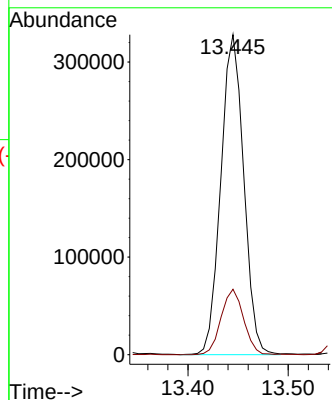
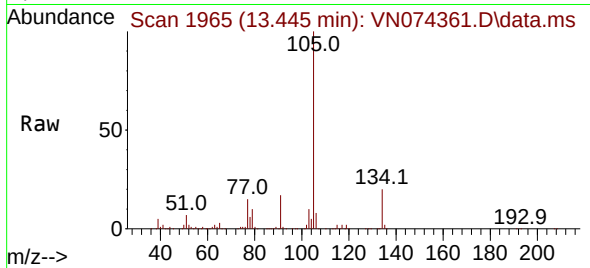
#81
 sec-Butylbenzene
 Concen: 18.883 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VN074361.D
 Acq: 08 Sep 2022 16:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBSD01

Tgt Ion:105 Resp: 51919
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 39.4

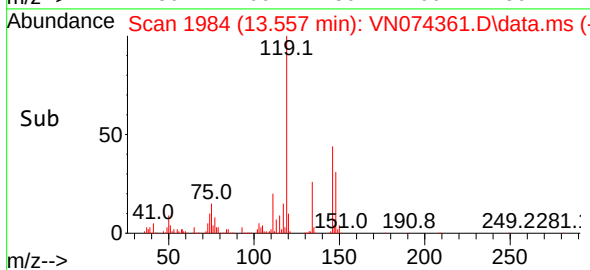
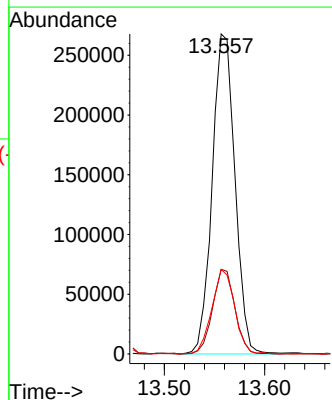
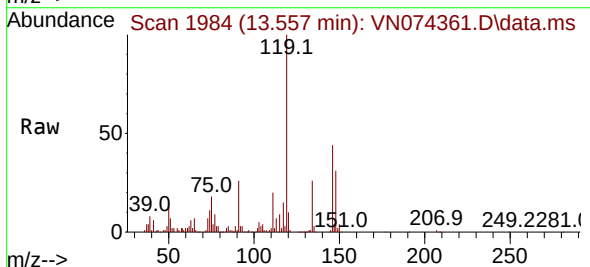
Manual Integrations
 APPROVED

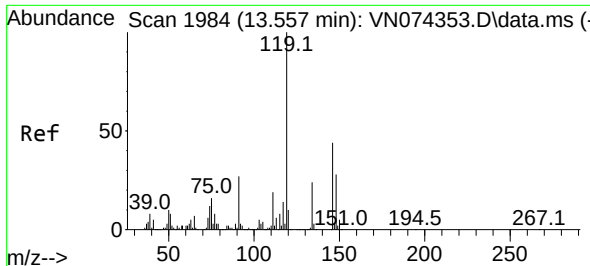
Reviewed By :John Carlone 09/09/2022
 Supervised By :Mahesh Dadoda 09/09/2022



#82
 p-Isopropyltoluene
 Concen: 18.589 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN074361.D
 Acq: 08 Sep 2022 16:39

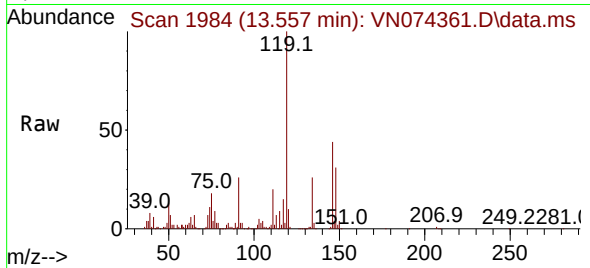
Tgt Ion:119 Resp: 422512
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 51.8
 91 26.2 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 18.856 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

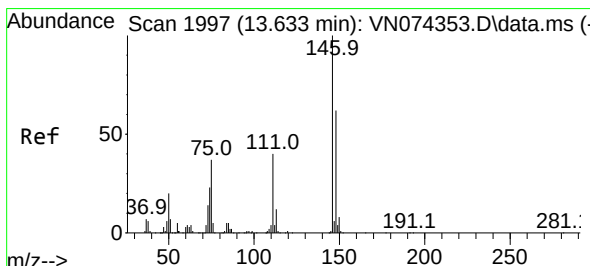
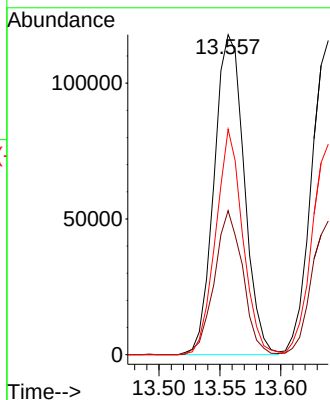
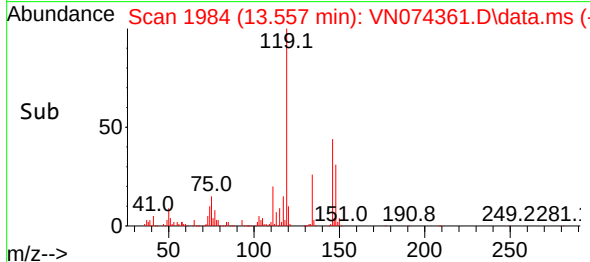
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



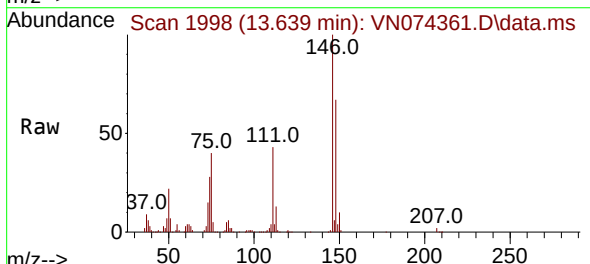
Tgt Ion:146 Resp: 202829
Ion Ratio Lower Upper
146 100
111 42.4 20.8 62.2
148 63.5 31.4 94.3

Manual Integrations
APPROVED

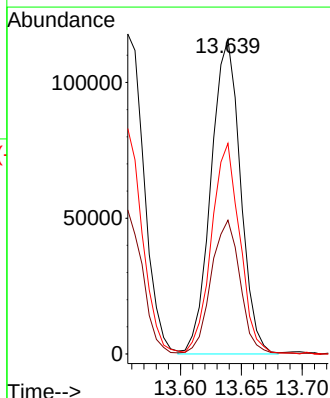
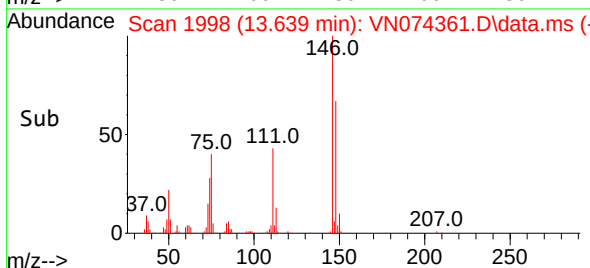
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

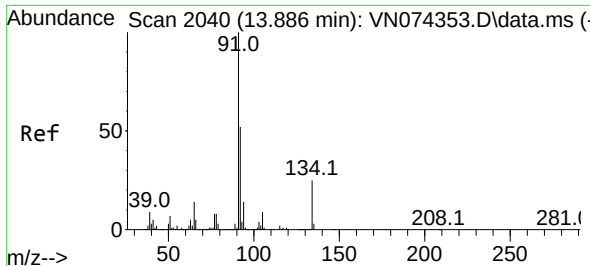


#84
1,4-Dichlorobenzene
Concen: 18.321 ug/l
RT: 13.639 min Scan# 1998
Delta R.T. 0.006 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39



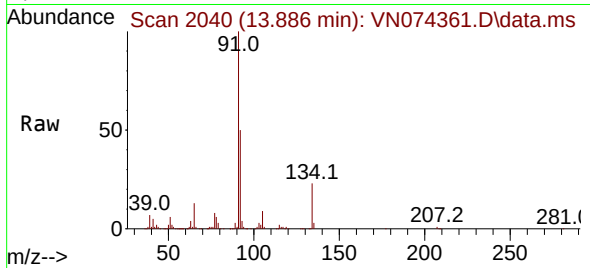
Tgt Ion:146 Resp: 195220
Ion Ratio Lower Upper
146 100
111 41.7 19.5 58.5
148 64.6 31.1 93.5





#85
n-Butylbenzene
Concen: 18.226 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

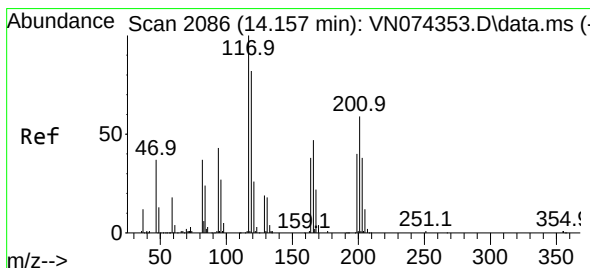
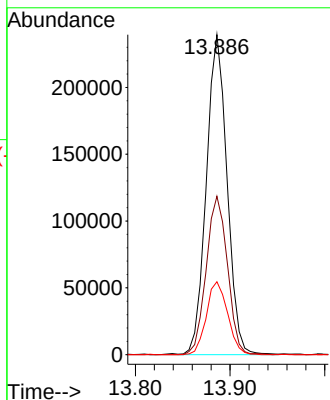
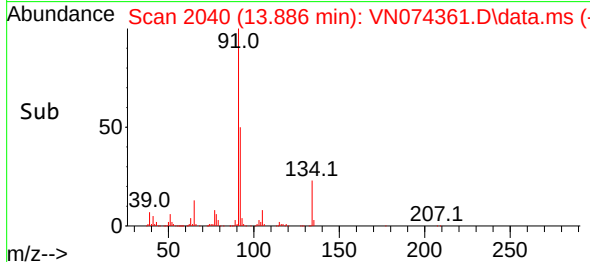
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



Tgt Ion: 91 Resp: 363549
Ion Ratio Lower Upper
91 100
92 50.5 0.0 100.6
134 23.4 0.0 50.2

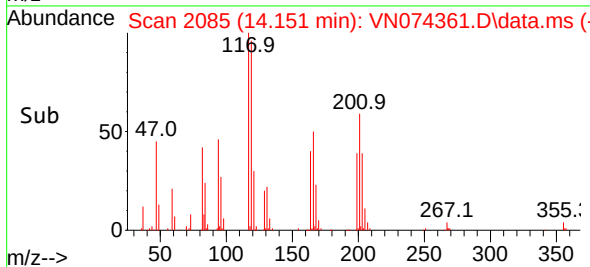
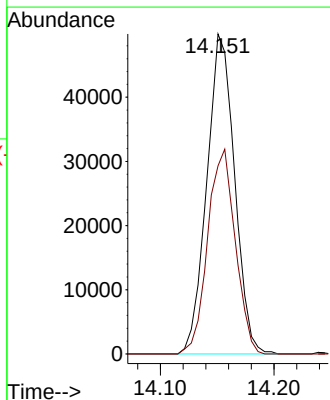
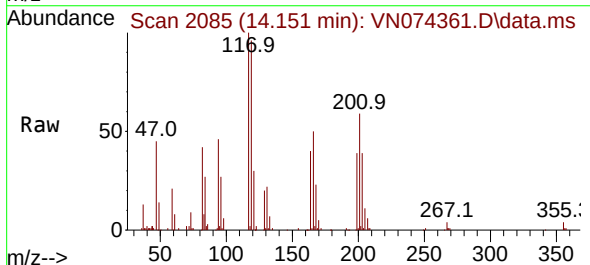
Manual Integrations
APPROVED

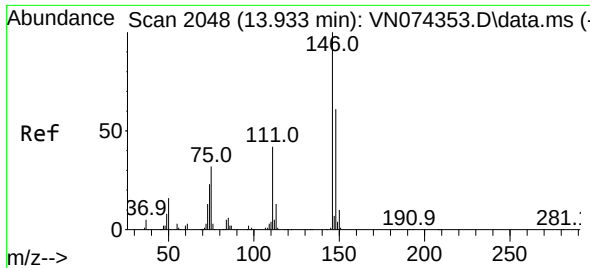
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#86
Hexachloroethane
Concen: 19.102 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.006 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

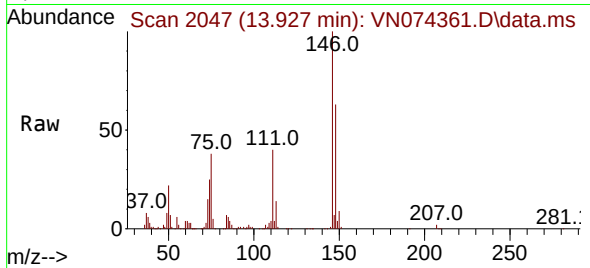
Tgt Ion:117 Resp: 84784
Ion Ratio Lower Upper
117 100
201 63.5 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 18.972 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. -0.006 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

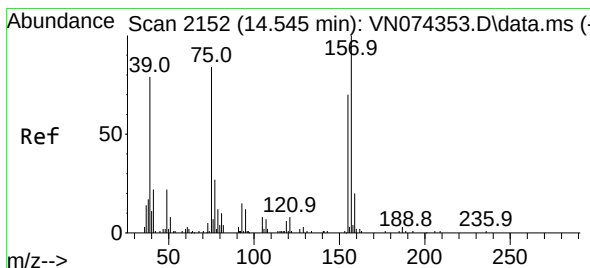
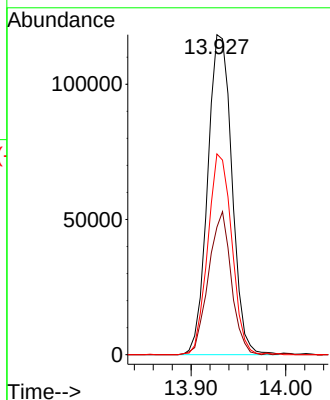
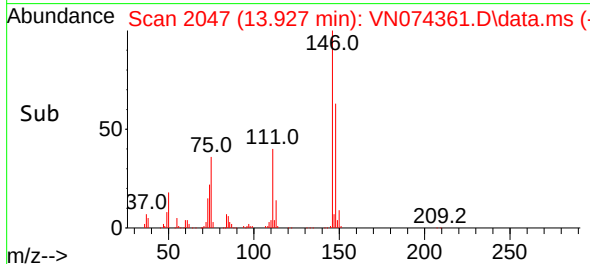
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



Tgt Ion:146 Resp: 21100
Ion Ratio Lower Upper
146 100
111 42.0 21.4 64.2
148 62.0 32.5 97.4

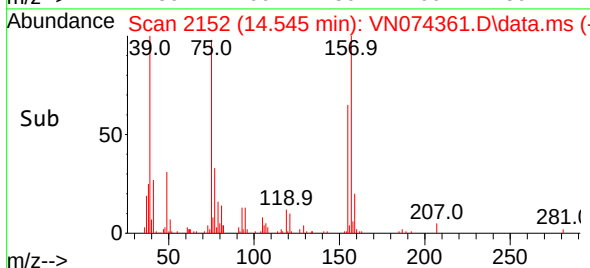
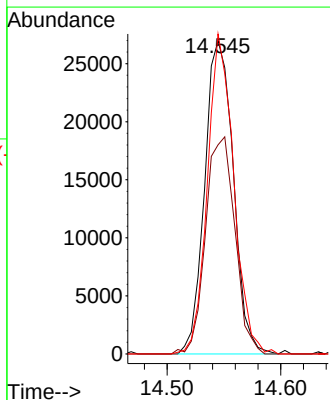
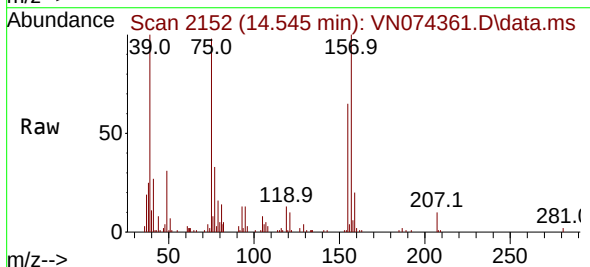
Manual Integrations
APPROVED

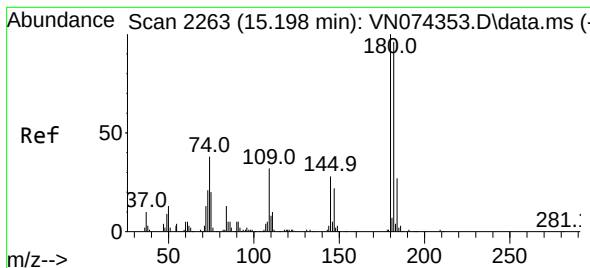
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.973 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

Tgt Ion: 75 Resp: 47234
Ion Ratio Lower Upper
75 100
155 71.1 63.8 95.8
157 93.8 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 18.373 ug/l

RT: 15.198 min Scan# 2263

Delta R.T. 0.000 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01

Tgt Ion:180 Resp: 10683

Ion Ratio Lower Upper

180 100

182 95.0 77.7 116.5

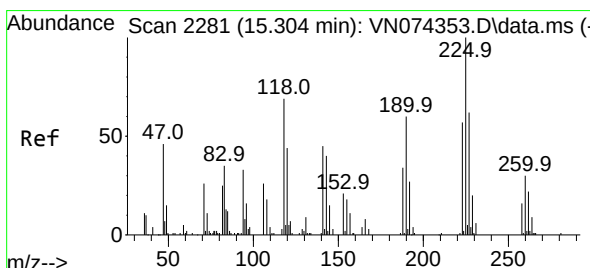
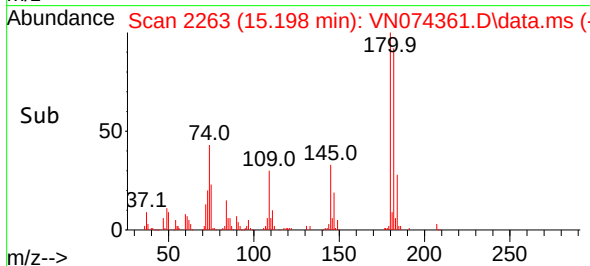
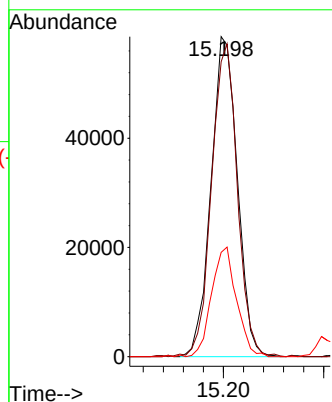
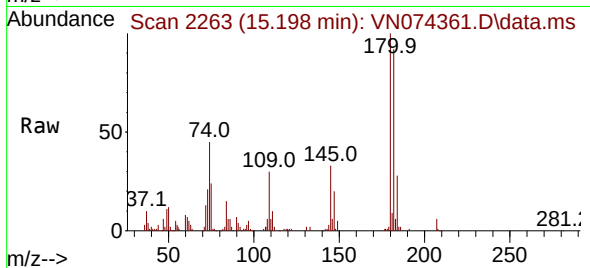
145 32.4 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#90

Hexachlorobutadiene

Concen: 18.775 ug/l

RT: 15.309 min Scan# 2282

Delta R.T. 0.006 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

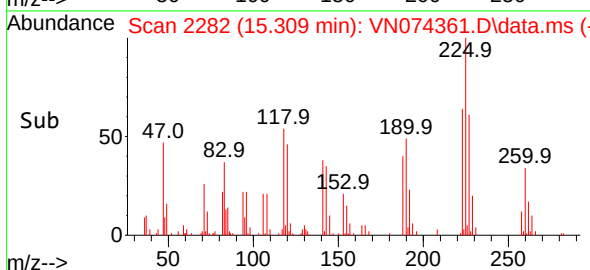
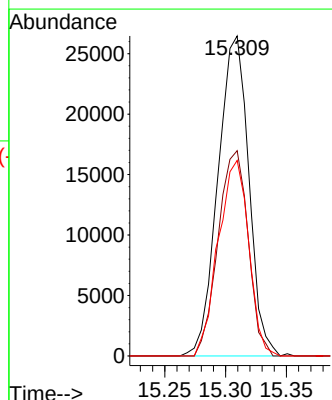
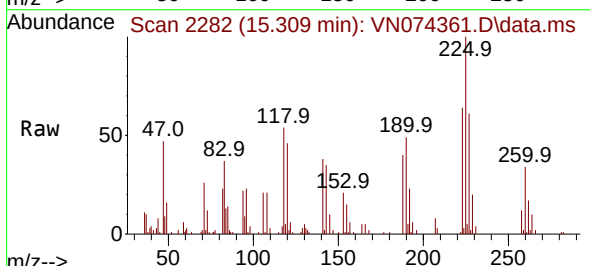
Tgt Ion:225 Resp: 46592

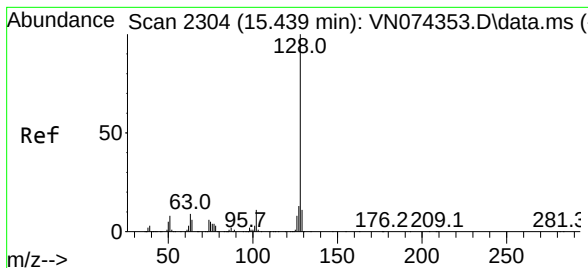
Ion Ratio Lower Upper

225 100

223 62.4 0.0 126.8

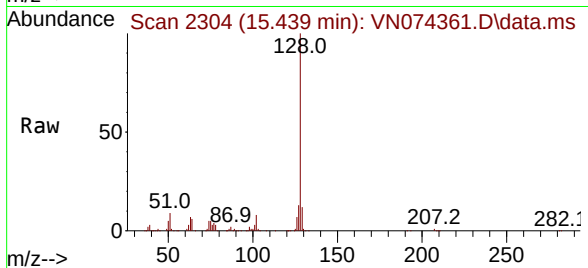
227 60.3 0.0 123.0





#91
Naphthalene
Concen: 19.625 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39

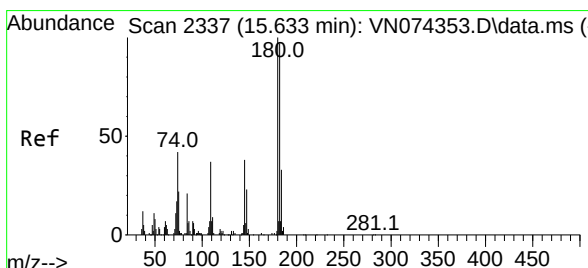
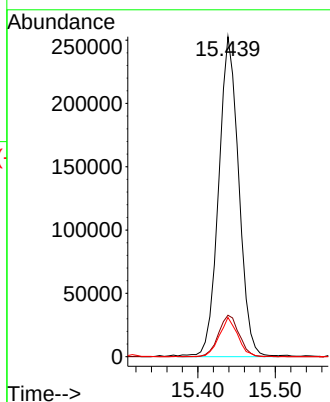
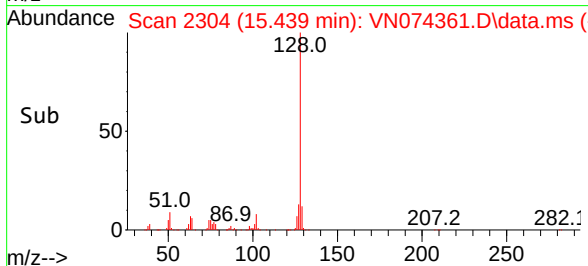
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



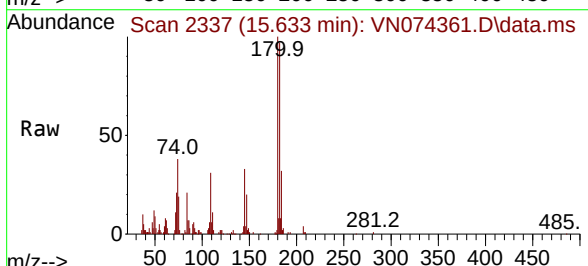
Tgt Ion:128 Resp: 457440
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 11.2 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#92
1,2,3-Trichlorobenzene
Concen: 18.540 ug/l
RT: 15.633 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VN074361.D
Acq: 08 Sep 2022 16:39



Tgt Ion:180 Resp: 109449
Ion Ratio Lower Upper
180 100
182 96.7 0.0 190.0
145 31.4 0.0 67.8

