

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092722\
 Data File : VN074622.D
 Acq On : 27 Sep 2022 12:04
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Sep 28 07:18:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 28 07:17:56 2022
 Response via : Initial Calibration

09/28/2022
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	D
-----							05
Internal Standards							
1) Bromochloromethane	7.492	128	146010	30.000	ug/l	0.00	
28) 1,4-Difluorobenzene	8.822	114	867898	30.000	ug/l	0.00	
57) Chlorobenzene-d5	11.616	117	773257	30.000	ug/l	0.00	
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.286	65	416757	30.272	ug/l	0.00	
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.900%		
60) 4-Bromofluorobenzene	12.604	95	399584	26.603	ug/l	0.00	
Spiked Amount	30.000	Range	63 - 112	Recovery	= 88.667%		
63) Toluene-d8	10.310	98	1335185	30.612	ug/l	0.00	
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.033%		
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.999	85	51980	6.058	ug/l		97
3) Chloromethane	2.216	50	73246	5.813	ug/l		98
4) Vinyl Chloride	2.357	62	89153	5.526	ug/l		92
5) Bromomethane	2.716	94	65448	6.294	ug/l		87
6) Chloroethane	2.881	64	68731	6.027	ug/l		90
7) Trichlorofluoromethane	3.240	101	86401	5.766	ug/l		93
8) Diethyl Ether	3.681	74	46548	5.890	ug/l		93
9) 1,1,2-Trichlorotrifluo...	4.051	101	57932m	6.114	ug/l		
10) 1,1-Dichloroethene	4.022	96	59429	6.018	ug/l		85
11) Methyl Iodide	4.251	142	63232	4.984	ug/l		98
12) Methyl Acetate	4.663	43	114426	5.396	ug/l		97
13) Acrolein	3.887	56	43841	25.392	ug/l		94
14) Acrylonitrile	5.357	53	212177	24.691	ug/l		72
15) Acetone	4.128	58	60103m	27.167	ug/l		
16) Carbon Disulfide	4.346	76	157952	5.674	ug/l #		95
17) Allyl chloride	4.646	41	104700	5.171	ug/l		98
18) Methylene Chloride	4.898	84	71329	5.649	ug/l #		94
19) trans-1,2-Dichloroethene	5.398	96	65023m	5.800	ug/l		
20) Diisopropyl ether	6.298	45	235489	5.330	ug/l #		96
21) 1,1-Dichloroethane	6.187	63	116602	5.226	ug/l #		91
22) cis-1,2-Dichloroethene	7.139	96	78433m	5.765	ug/l		
23) tert-Butyl Alcohol	5.169	59	88663m	25.038	ug/l		
24) Methyl tert-Butyl Ether	5.410	73	209781	5.111	ug/l		100
25) Chloroform	7.657	83	119270	5.392	ug/l		90
26) Cyclohexane	7.928	56	111544	5.560	ug/l #		96
29) 1,1-Dichloropropene	8.069	75	87112	5.374	ug/l		83
30) 2-Butanone	7.163	43	309957	25.062	ug/l		98
31) 2,2-Dichloropropane	7.145	77	102731m	5.289	ug/l		
32) 1,1,1-Trichloroethane	7.857	97	101512	5.301	ug/l		98
33) Carbon Tetrachloride	8.045	117	83507m	5.214	ug/l		
34) Benzene	8.310	78	285599	5.322	ug/l		96
35) Methacrylonitrile	7.475	41	57934	4.924	ug/l		83
36) 1,2-Dichloroethane	8.381	62	89162	5.088	ug/l		96
37) Trichloroethene	9.075	130	58471	5.131	ug/l		97
38) Methylcyclohexane	9.322	83	119718	5.706	ug/l		95
39) 1,2-Dichloropropane	9.351	63	75412	5.308	ug/l #		81
40) Dibromomethane	9.439	93	46626	5.086	ug/l		97
41) Bromodichloromethane	9.628	83	94648	5.194	ug/l #		92
42) Vinyl Acetate	6.239	43	997238	24.814	ug/l		99

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Manual Integrations
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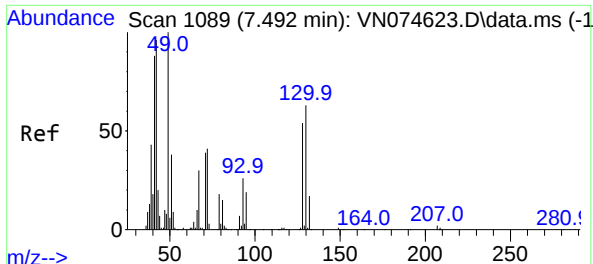
Reviewed By :John
 Carlone

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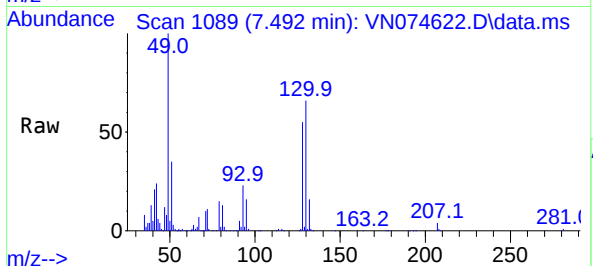
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.239	43	121839	5.086	ug/l	94
44) Isopropyl Acetate	8.410	43	194104	4.990	ug/l	92
45) 1,4-Dioxane	9.439	88	28829	86.850	ug/l #	81
46) Methyl methacrylate	9.422	41	79058	4.880	ug/l	95
47) n-amyl Acetate	12.269	43	156393	4.393	ug/l	94
48) t-1,3-Dichloropropene	10.592	75	111832	5.055	ug/l	91
49) cis-1,3-Dichloropropene	10.057	75	119633	5.196	ug/l	93
50) 1,1,2-Trichloroethane	10.769	97	65793	4.936	ug/l	93
51) Ethyl methacrylate	10.633	69	123799	4.954	ug/l	92
52) 1,3-Dichloropropane	10.922	76	123117	5.212	ug/l	98
53) Dibromochloromethane	11.110	129	67493	4.791	ug/l	97
54) 1,2-Dibromoethane	11.216	107	68077	4.937	ug/l	97
55) 2-Chloroethyl vinyl ether	9.910	63	225583	23.259	ug/l	98
56) Bromoform	12.333	173	45622	4.143	ug/l	98
58) 4-Methyl-2-Pentanone	10.204	43	615495	25.649	ug/l	99
59) 2-Hexanone	10.963	43	455416	24.503	ug/l	99
61) Tetrachloroethene	10.845	164	51031	5.916	ug/l	93
62) Toluene	10.375	91	295419	5.217	ug/l	99
64) Chlorobenzene	11.639	112	167542	5.164	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.722	131	62536	5.130	ug/l	97
66) Ethyl Benzene	11.722	91	311093	5.174	ug/l	97
67) m/p-Xylenes	11.827	106	237951	9.857	ug/l	96
68) o-Xylene	12.157	106	121629	4.948	ug/l	96
69) Styrene	12.169	104	181082	4.379	ug/l	97
70) Isopropylbenzene	12.457	105	291425	4.647	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.704	83	111770	5.021	ug/l	97
72) 1,2,3-Trichloropropane	12.757	75	78719m	2.926	ug/l	
73) Bromobenzene	12.733	156	57697	4.579	ug/l	88
74) n-propylbenzene	12.798	91	322187	4.560	ug/l	100
75) 2-Chlorotoluene	12.880	91	198652	4.635	ug/l	97
76) 1,3,5-Trimethylbenzene	12.939	105	234448	4.434	ug/l	99
77) t-1,4-Dichloro-2-butene	12.504	75	38157	4.372	ug/l	88
78) 4-Chlorotoluene	12.980	91	182805	4.256	ug/l	98
79) tert-butylbenzene	13.198	119	209880	4.537	ug/l	98
80) 1,2,4-Trimethylbenzene	13.245	105	230648	4.417	ug/l	98
81) sec-Butylbenzene	13.380	105	285635	4.364	ug/l	99
82) p-Isopropyltoluene	13.492	119	223604	4.151	ug/l	99
83) 1,3-Dichlorobenzene	13.492	146	104511	4.036	ug/l	96
84) 1,4-Dichlorobenzene	13.574	146	103660	4.025	ug/l	98
85) n-Butylbenzene	13.821	91	198288	4.314	ug/l	97
86) Hexachloroethane	14.080	117	50999	4.915	ug/l	99
87) 1,2-Dichlorobenzene	13.863	146	110722	4.180	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.474	75	20838	4.470	ug/l	98
89) 1,2,4-Trichlorobenzene	15.127	180	47230	4.275	ug/l	98
90) Hexachlorobutadiene	15.233	225	23606	4.850	ug/l	92
91) Naphthalene	15.368	128	178347	3.848	ug/l	98
92) 1,2,3-Trichlorobenzene	15.557	180	46793	4.225	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.492 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



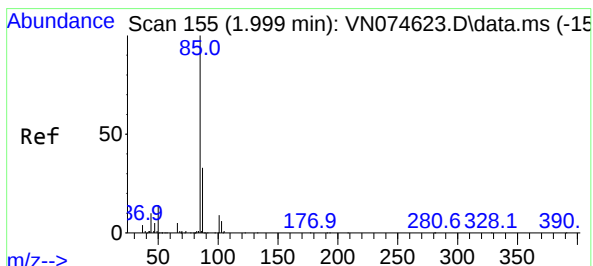
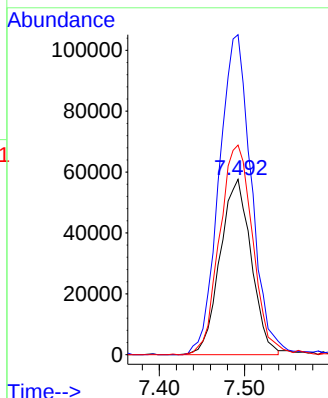
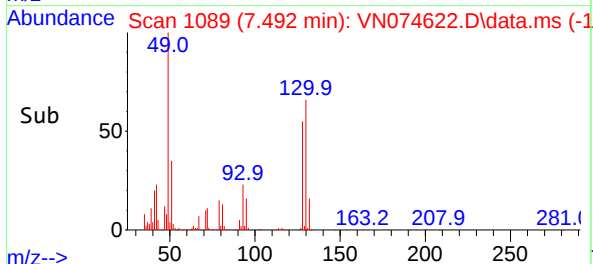
Tgt Ion:128 Resp: 146010
Ion Ratio Lower Upper
128 100
49 190.3 0.0 492.0
130 127.3 0.0 313.3

Manual Integrations
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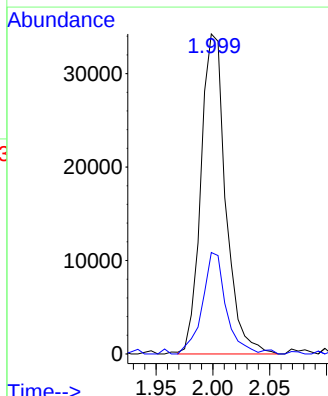
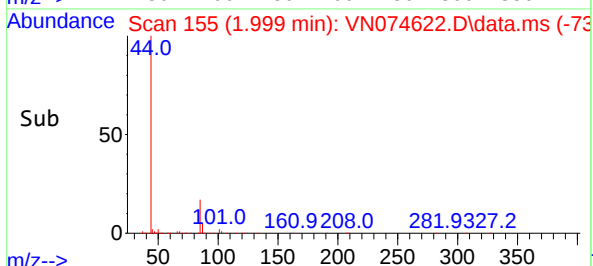
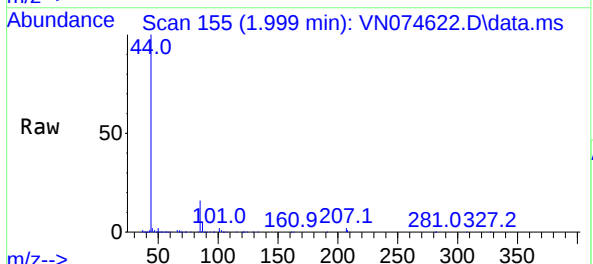
09/28/2022
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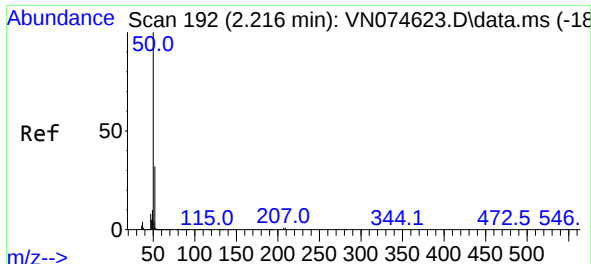
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#2
Dichlorodifluoromethane
Concen: 6.058 ug/l
RT: 1.999 min Scan# 155
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

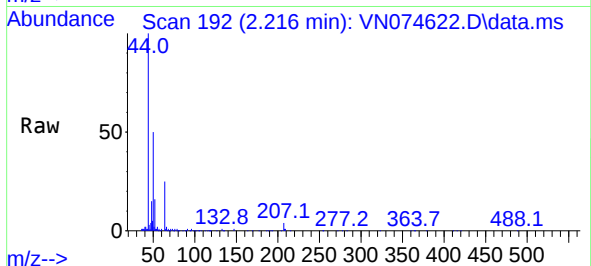
Tgt Ion: 85 Resp: 51980
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.1





#3
Chloromethane
Concen: 5.813 ug/l
RT: 2.216 min Scan# 192
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument : MSVOA_N
ClientSampleId : VSTDIC005



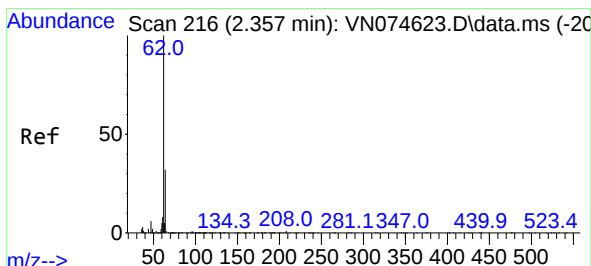
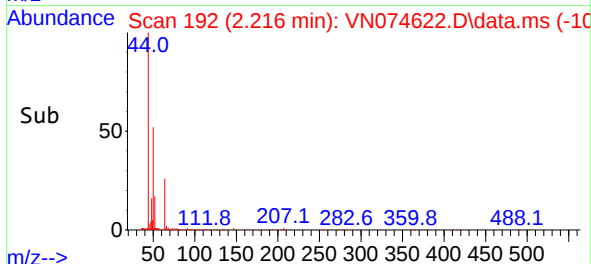
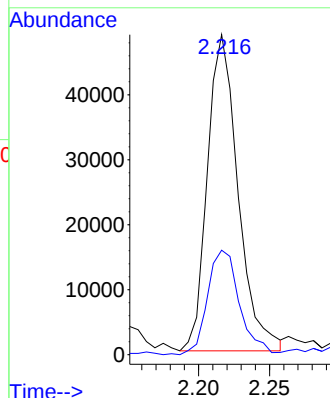
Tgt Ion: 50 Resp: 73240
Ion Ratio Lower Upper
50 100
52 33.0 25.5 38.3

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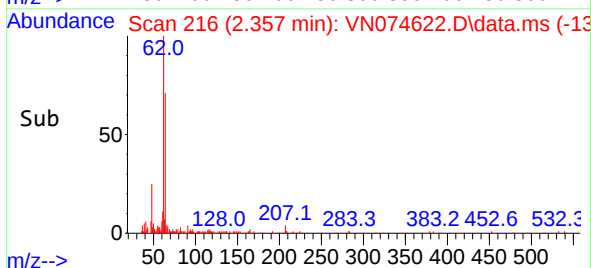
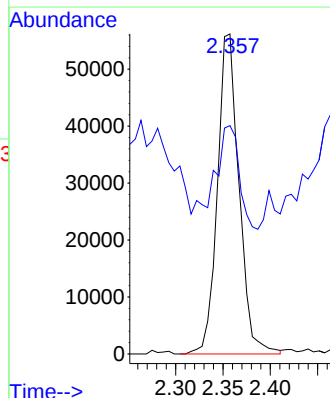
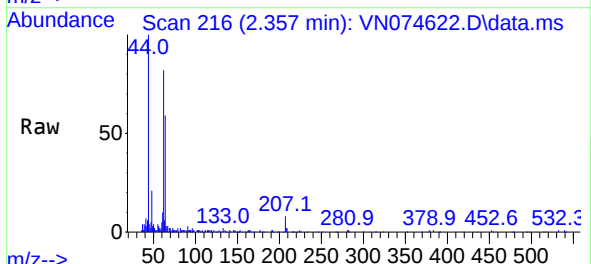
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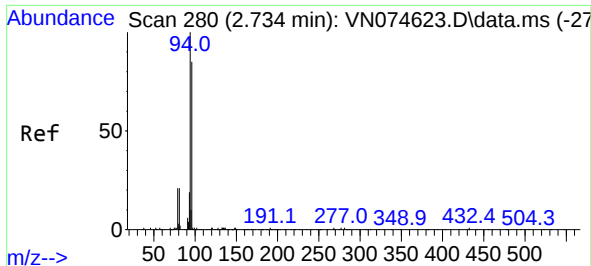
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#4
Vinyl Chloride
Concen: 5.526 ug/l
RT: 2.357 min Scan# 216
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

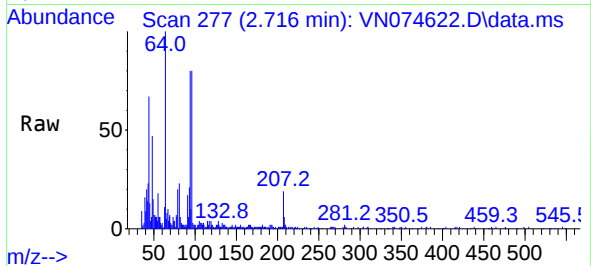
Tgt Ion: 62 Resp: 89153
Ion Ratio Lower Upper
62 100
64 27.6 25.6 38.4





#5
Bromomethane
Concen: 6.294 ug/l
RT: 2.716 min Scan# 21
Delta R.T. -0.018 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



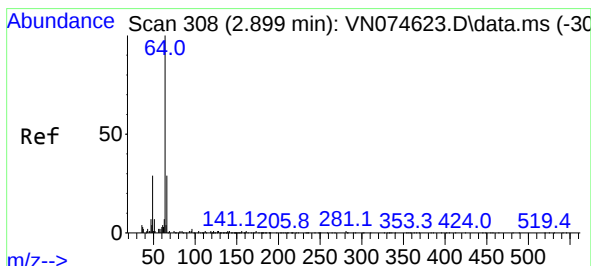
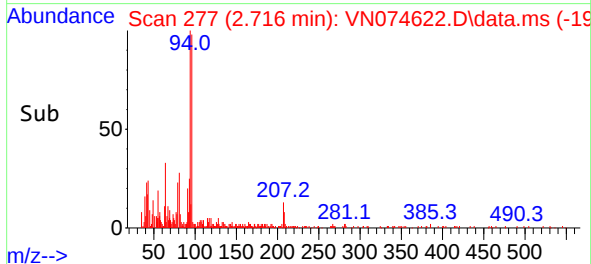
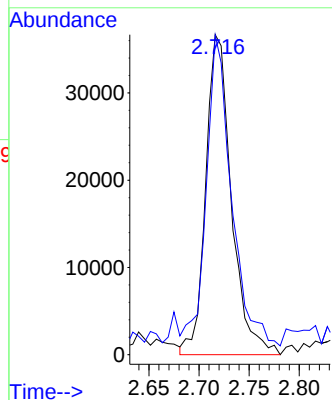
Tgt Ion: 94 Resp: 65448
Ion Ratio Lower Upper
94 100
96 97.1 68.3 102.5

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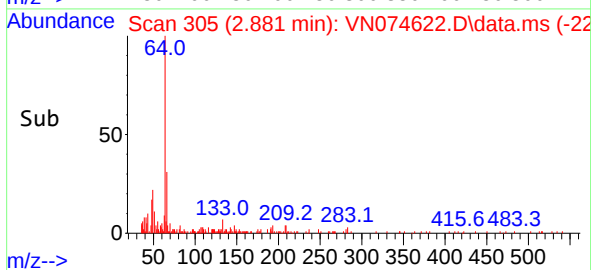
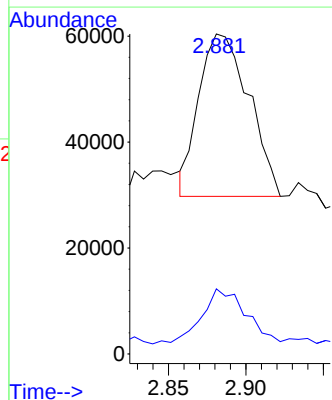
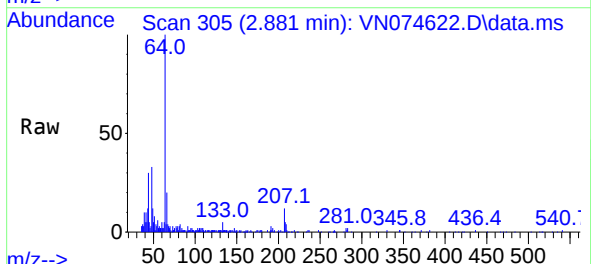
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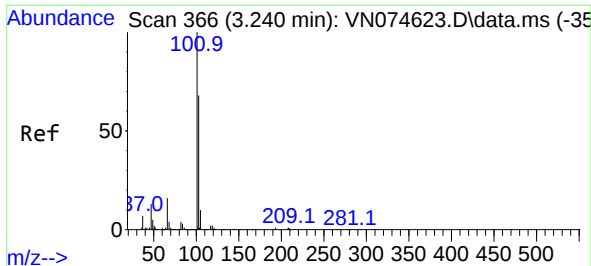
09/28/2022



#6
Chloroethane
Concen: 6.027 ug/l
RT: 2.881 min Scan# 305
Delta R.T. -0.018 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

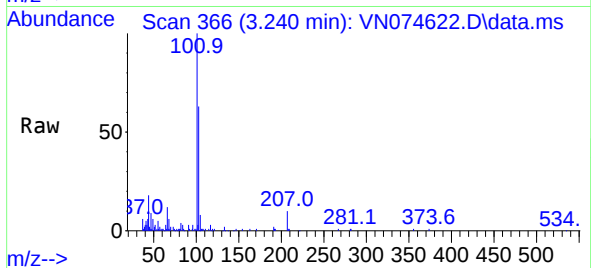
Tgt Ion: 64 Resp: 68731
Ion Ratio Lower Upper
64 100
66 32.5 21.8 32.8





#7
Trichlorofluoromethane
Concen: 5.766 ug/l
RT: 3.240 min Scan# 366
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



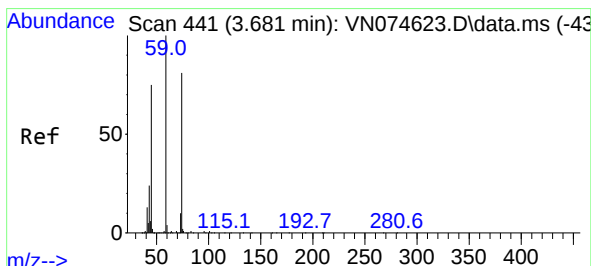
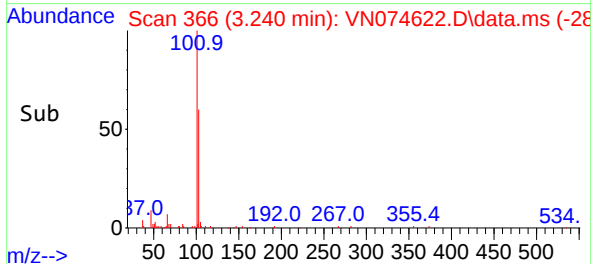
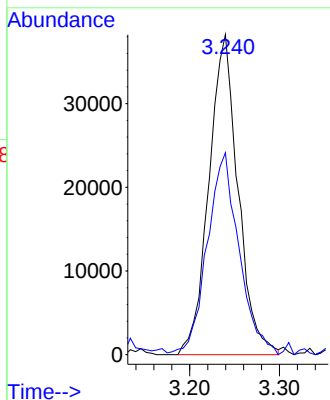
Tgt Ion:101 Resp: 8640
Ion Ratio Lower Upper
101 100
103 63.1 54.8 82.2

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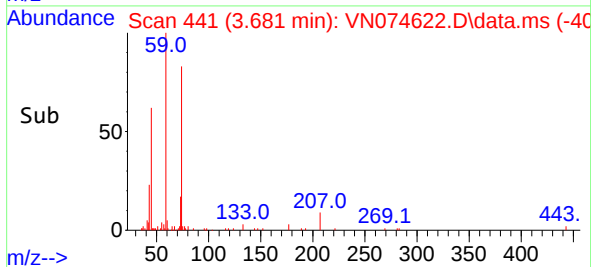
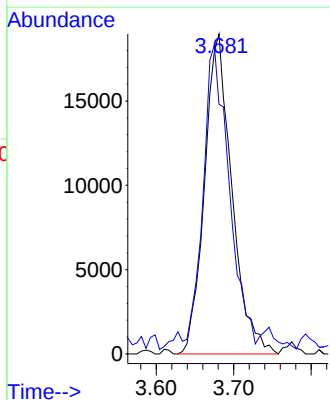
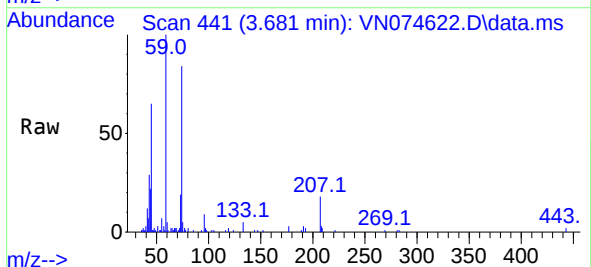
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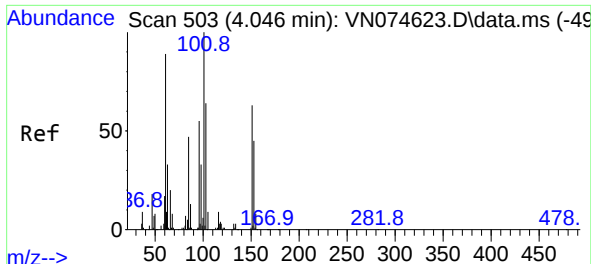
09/28/2022



#8
Diethyl Ether
Concen: 5.890 ug/l
RT: 3.681 min Scan# 441
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Tgt Ion: 74 Resp: 46548
Ion Ratio Lower Upper
74 100
45 88.3 19.0 171.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.114 ug/l m
RT: 4.051 min Scan# 503
Delta R.T. 0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

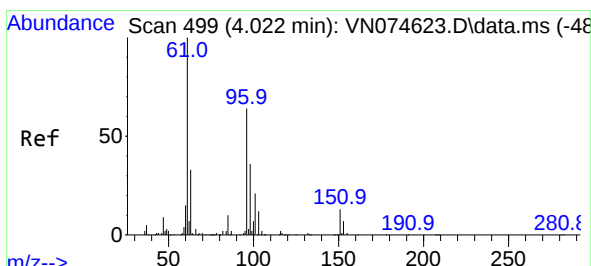
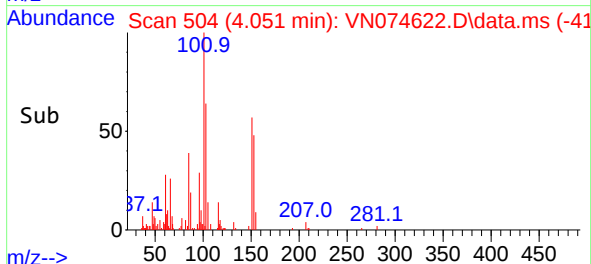
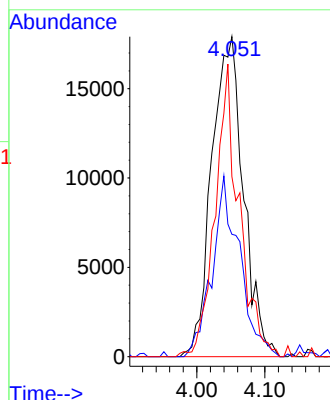
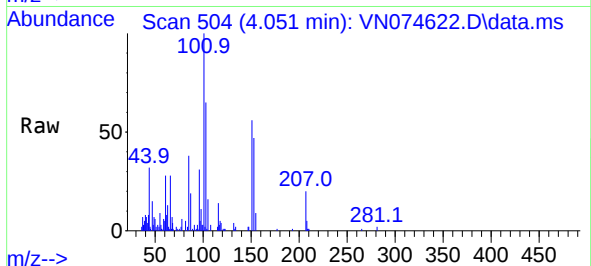
Tgt Ion:101 Resp: 57932
Ion Ratio Lower Upper
101 100
85 48.9 0.0 94.6
151 51.8 0.0 144.8

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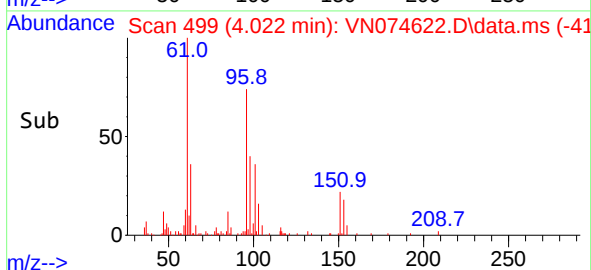
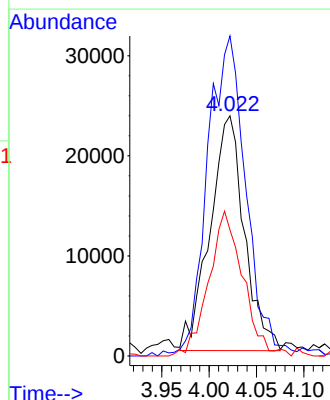
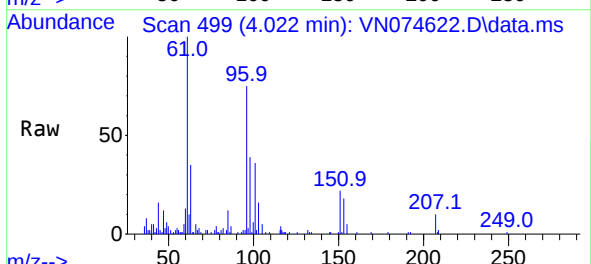
09/28/2022
Supervised By :Mahesh
Dadoda

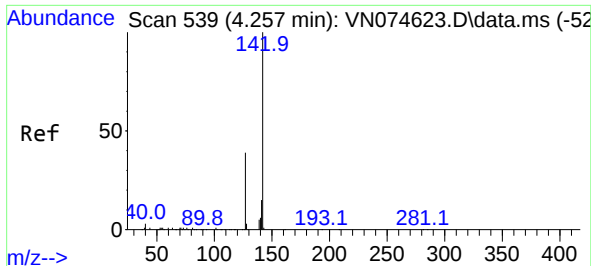
09/28/2022



#10
1,1-Dichloroethene
Concen: 6.018 ug/l
RT: 4.022 min Scan# 499
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

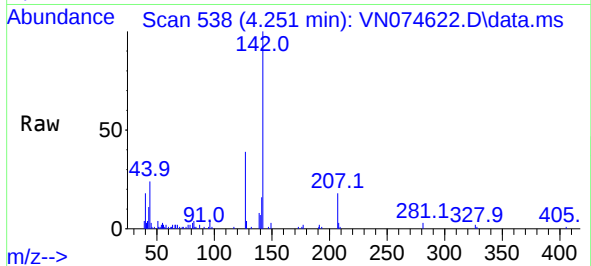
Tgt Ion: 96 Resp: 59429
Ion Ratio Lower Upper
96 100
61 134.1 125.5 188.3
98 51.2 45.0 67.4





#11
Methyl Iodide
Concen: 4.984 ug/l
RT: 4.251 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



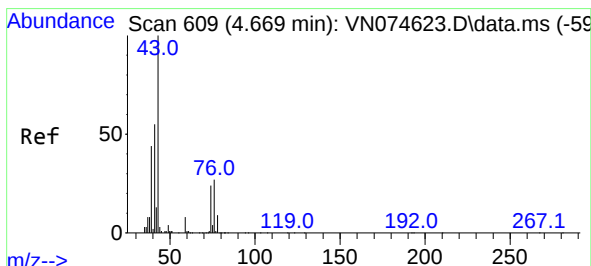
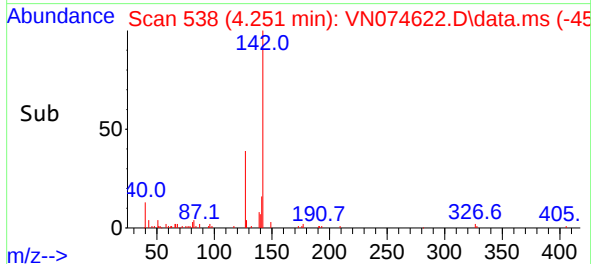
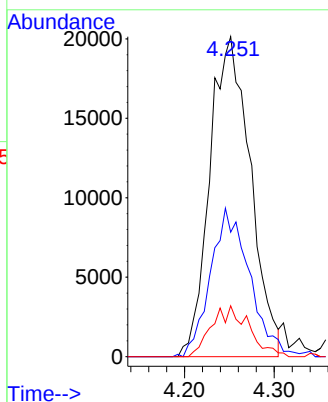
Tgt Ion:142 Resp: 6323
Ion Ratio Lower Upper
142 100
127 37.4 19.3 57.8
141 16.0 7.7 23.1

Manual Integrations
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Reviewed By :John
Carlone

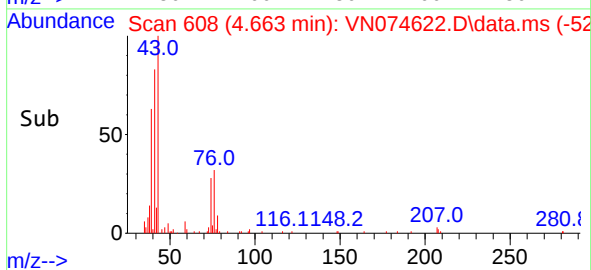
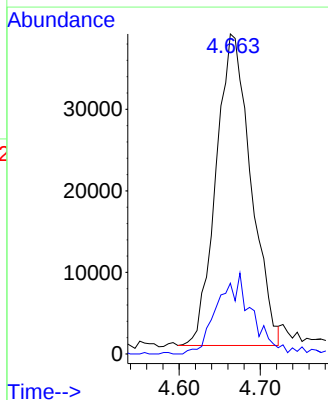
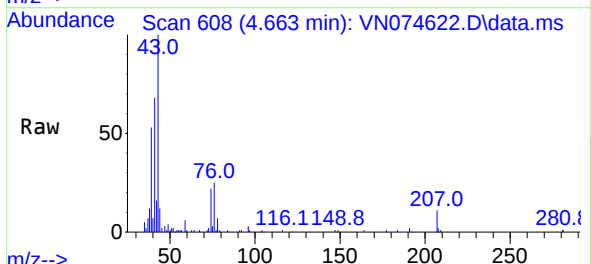
09/28/2022
Supervised By :Mahesh
Dadoda

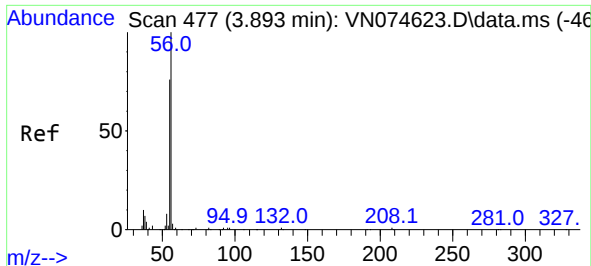
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#12
Methyl Acetate
Concen: 5.396 ug/l
RT: 4.663 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

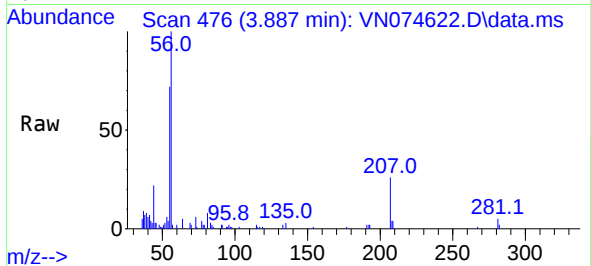
Tgt Ion: 43 Resp: 114426
Ion Ratio Lower Upper
43 100
74 22.4 19.0 28.6





#13
Acrolein
Concen: 25.392 ug/l
RT: 3.887 min Scan# 476
Delta R.T. -0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



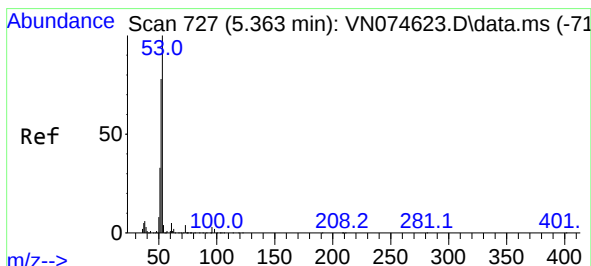
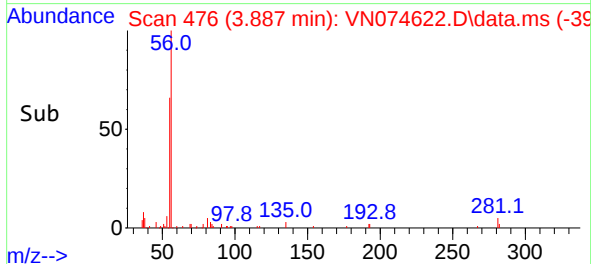
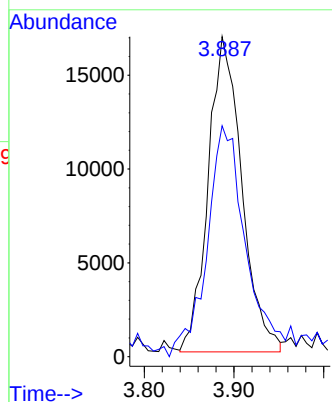
Tgt Ion: 56 Resp: 4384
Ion Ratio Lower Upper
56 100
55 75.5 56.2 84.2

Manual Integrations
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Reviewed By :John
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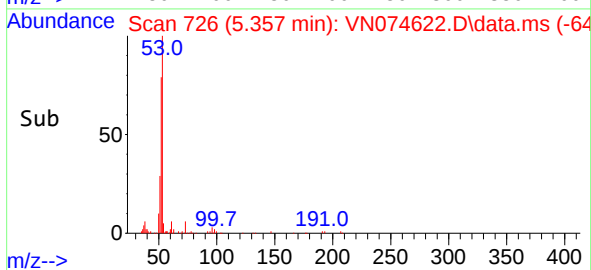
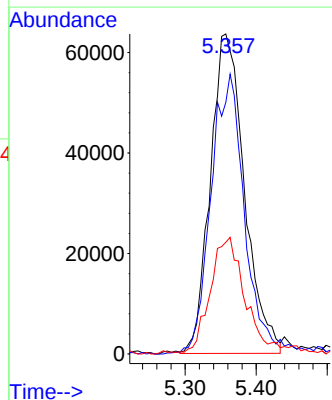
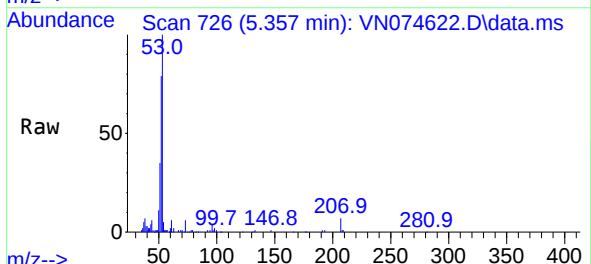
09/28/2022
Supervised By :Mahesh
Dadoda

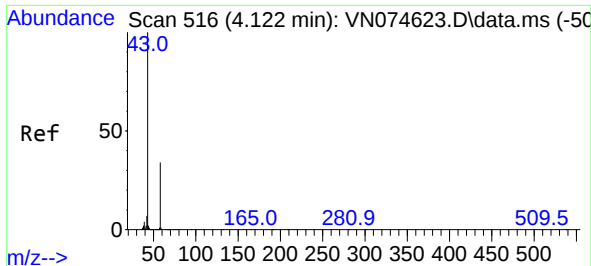
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#14
Acrylonitrile
Concen: 24.691 ug/l
RT: 5.357 min Scan# 726
Delta R.T. -0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

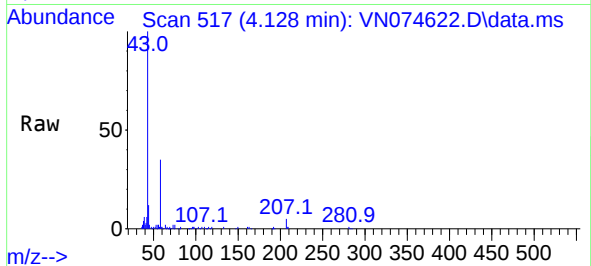
Tgt Ion: 53 Resp: 212177
Ion Ratio Lower Upper
53 100
52 47.6 40.8 122.4
51 36.0 17.0 51.0





#15
Acetone
Concen: 27.167 ug/l m
RT: 4.128 min Scan# 516
Delta R.T. 0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



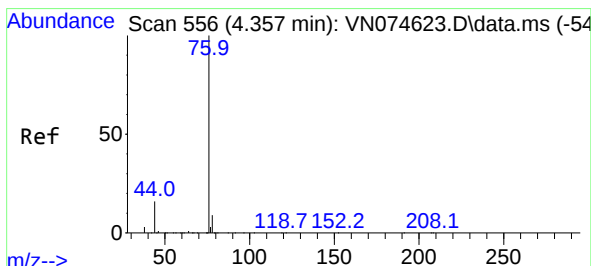
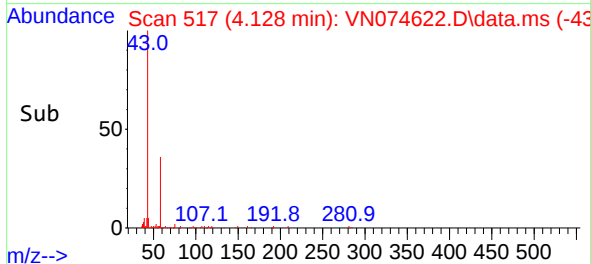
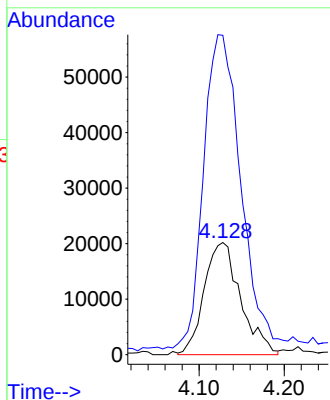
Tgt Ion: 58 Resp: 6010
Ion Ratio Lower Upper
58 100
43 284.8 232.2 348.4

Manual Integrations
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Reviewed By :John
Carlone

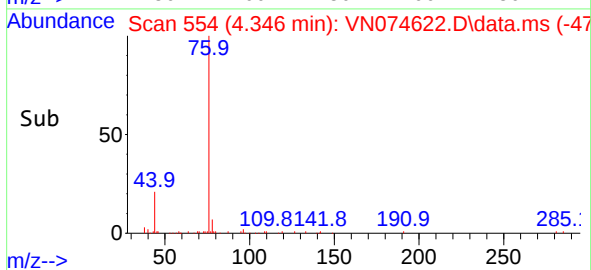
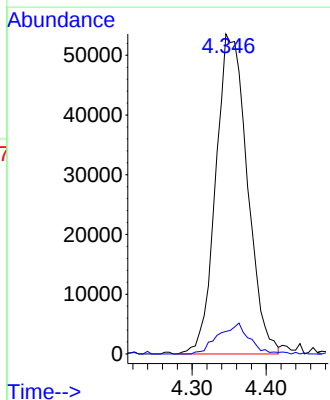
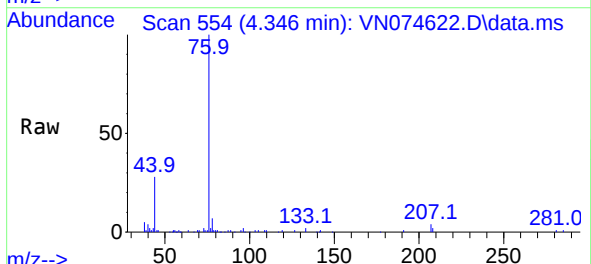
09/28/2022
Supervised By :Mahesh
Dadoda

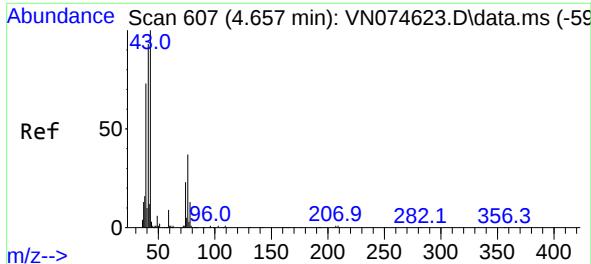
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#16
Carbon Disulfide
Concen: 5.674 ug/l
RT: 4.346 min Scan# 554
Delta R.T. -0.012 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

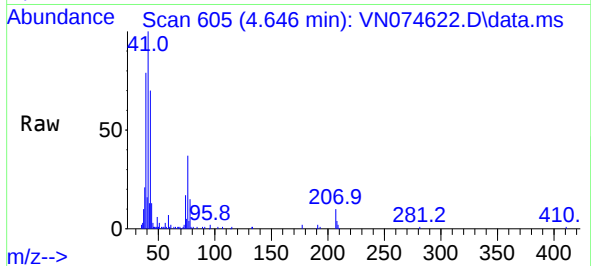
Tgt Ion: 76 Resp: 157952
Ion Ratio Lower Upper
76 100
78 7.1 7.2 10.8#





#17
 Allyl chloride
 Concen: 5.171 ug/l
 RT: 4.646 min Scan# 607
 Delta R.T. -0.012 min
 Lab File: VN074622.D
 Acq: 27 Sep 2022 12:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



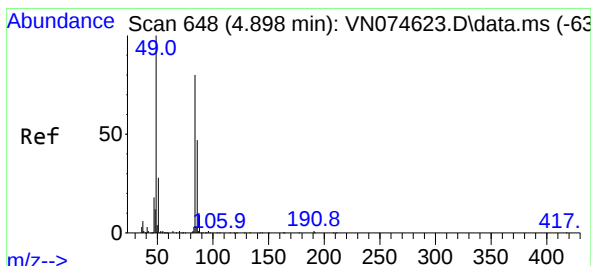
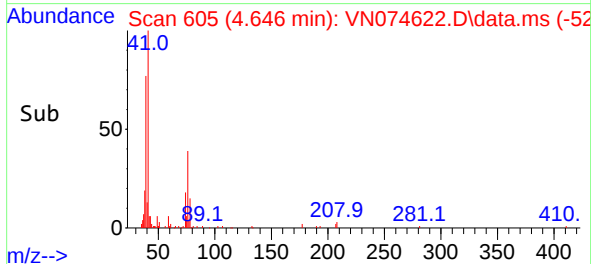
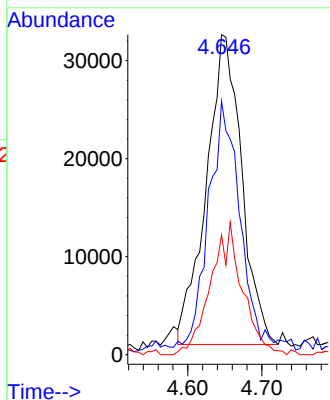
Tgt Ion: 41 Resp: 104700
 Ion Ratio Lower Upper
 41 100
 39 77.4 39.1 117.5
 76 37.6 19.8 59.4

Manual Integrations
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Reviewed By :John
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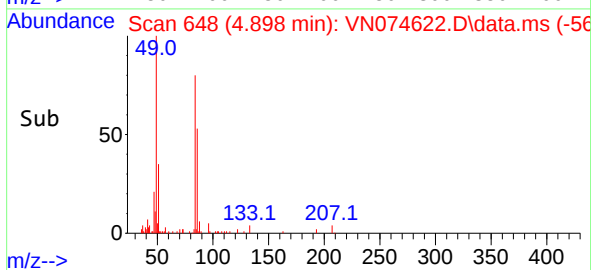
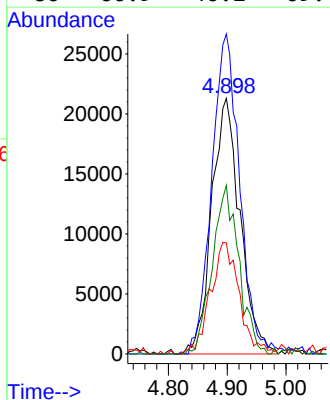
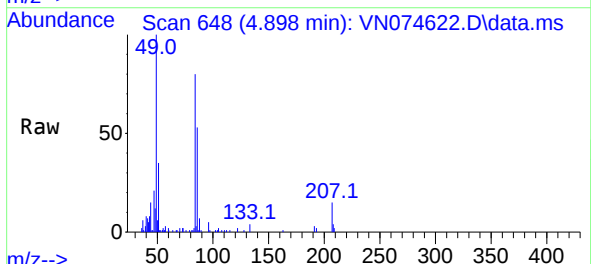
09/28/2022
 Supervised By :Mahesh
 Dadoda

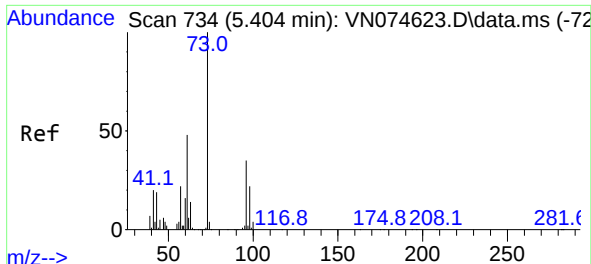
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#18
 Methylene Chloride
 Concen: 5.649 ug/l
 RT: 4.898 min Scan# 648
 Delta R.T. -0.000 min
 Lab File: VN074622.D
 Acq: 27 Sep 2022 12:04

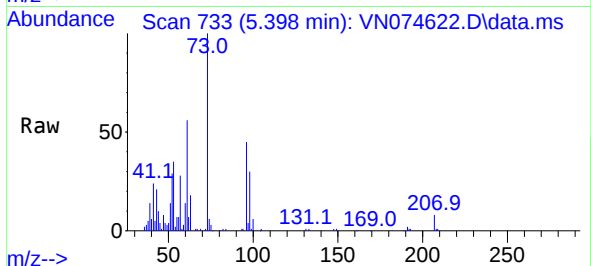
Tgt Ion: 84 Resp: 71329
 Ion Ratio Lower Upper
 84 100
 49 125.2 99.6 149.4
 51 43.4 28.2 42.2#
 86 66.9 46.2 69.4





#19
trans-1,2-Dichloroethene
Concen: 5.800 ug/l m
RT: 5.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



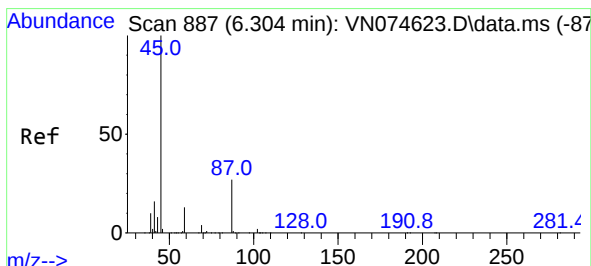
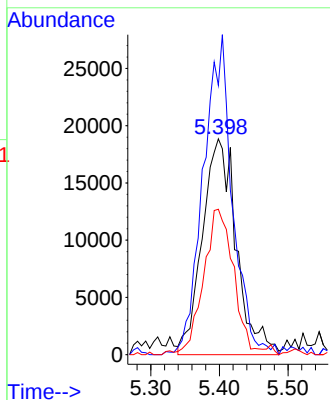
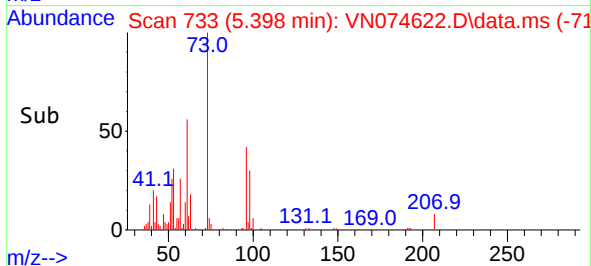
Tgt Ion: 96 Resp: 6502
Ion Ratio Lower Upper
96 100
61 124.9 110.2 165.4
98 67.4 50.0 75.0

Manual Integrations
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Reviewed By :John
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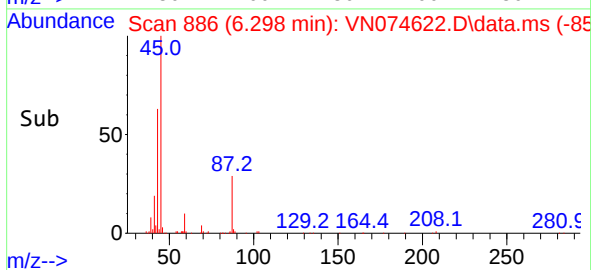
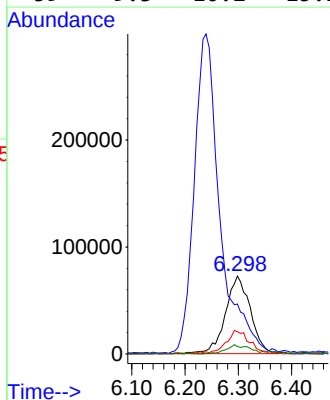
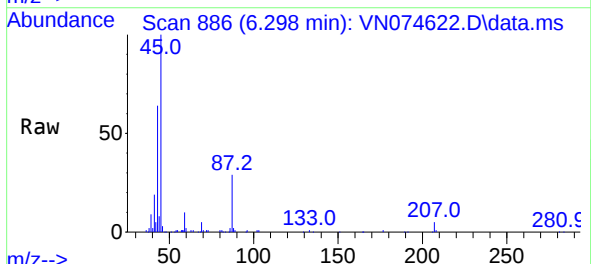
09/28/2022
Supervised By :Mahesh
Dadoda

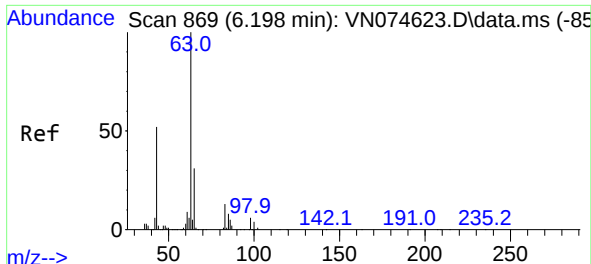
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#20
Diisopropyl ether
Concen: 5.330 ug/l
RT: 6.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

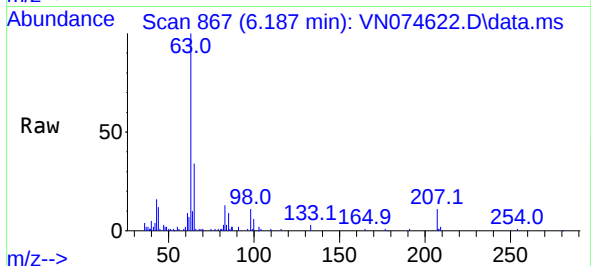
Tgt Ion: 45 Resp: 235489
Ion Ratio Lower Upper
45 100
43 61.6 47.3 70.9
87 28.3 21.8 32.8
59 9.3 10.2 15.2#





#21
1,1-Dichloroethane
Concen: 5.226 ug/l
RT: 6.187 min Scan# 80
Delta R.T. -0.012 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



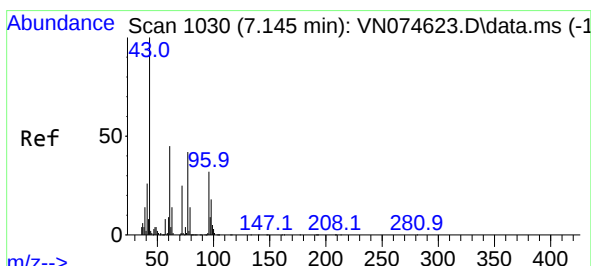
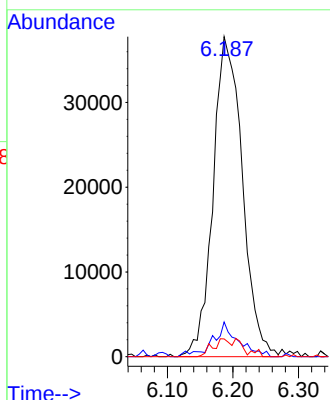
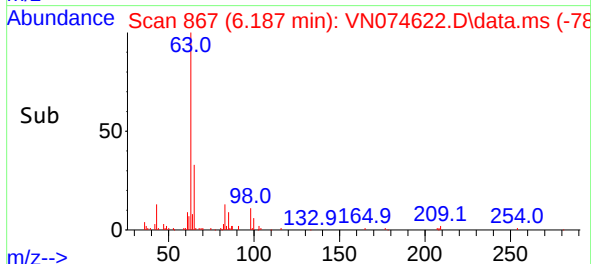
Tgt Ion: 63 Resp: 11660
Ion Ratio Lower Upper
63 100
98 10.9 3.3 9.9
100 5.6 2.2 6.6

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Reviewed By :John
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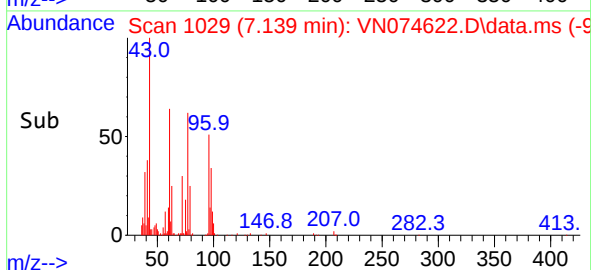
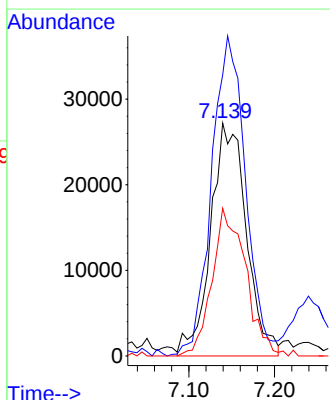
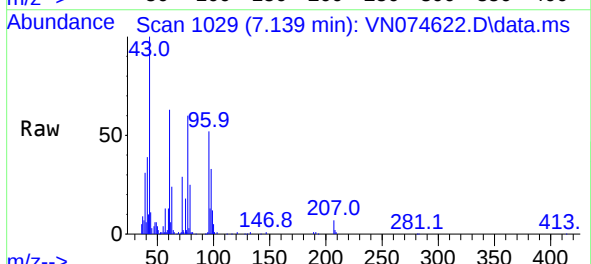
09/28/2022
Supervised By :Mahesh
Dadoda

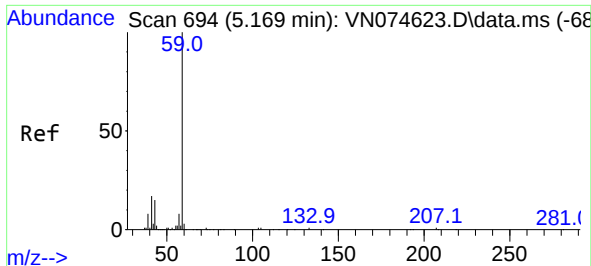
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#22
cis-1,2-Dichloroethene
Concen: 5.765 ug/l m
RT: 7.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

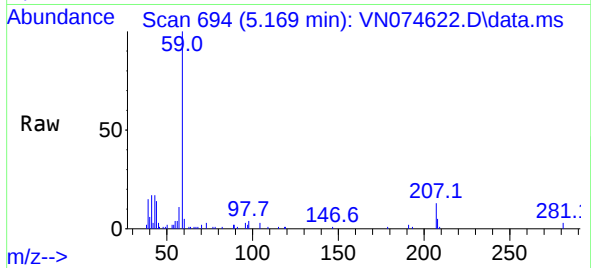
Tgt Ion: 96 Resp: 78433
Ion Ratio Lower Upper
96 100
61 126.4 118.8 178.2
98 59.5 52.1 78.1





#23
tert-Butyl Alcohol
Concen: 25.038 ug/l m
RT: 5.169 min Scan# 694
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



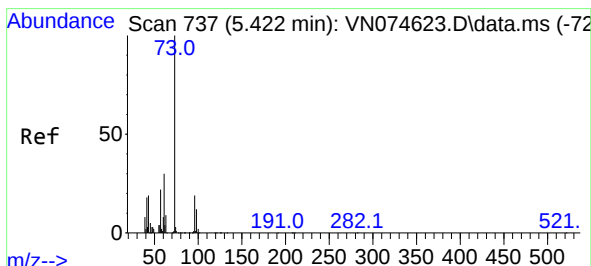
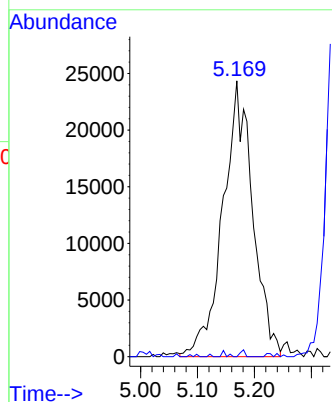
Tgt Ion: 59 Resp: 8866
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.4

Manual Integrations
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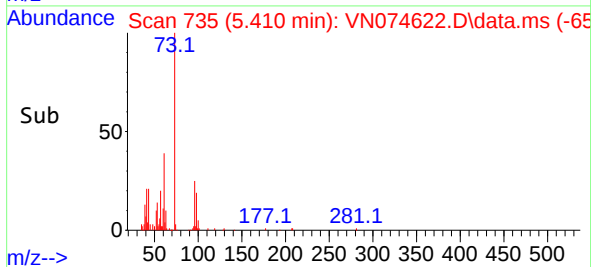
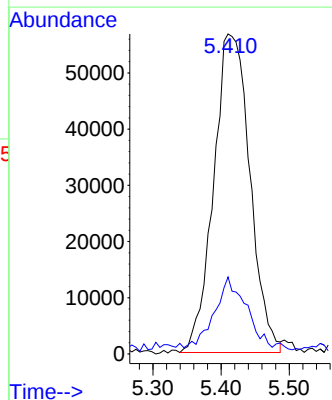
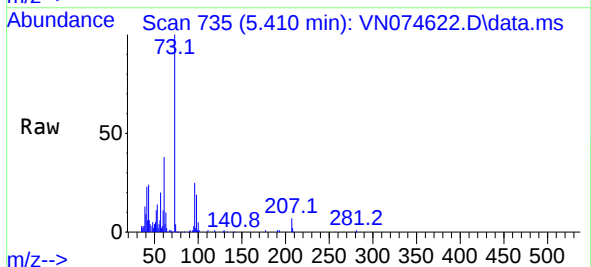
09/28/2022
Supervised By :Mahesh
Dadoda

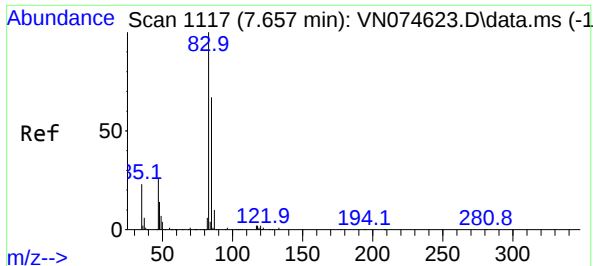
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#24
Methyl tert-Butyl Ether
Concen: 5.111 ug/l
RT: 5.410 min Scan# 735
Delta R.T. -0.012 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

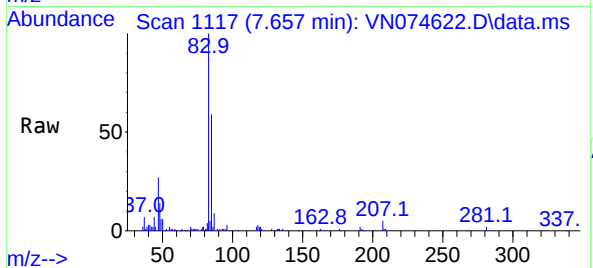
Tgt Ion: 73 Resp: 209781
Ion Ratio Lower Upper
73 100
43 19.4 15.6 23.4





#25
Chloroform
Concen: 5.392 ug/l
RT: 7.657 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



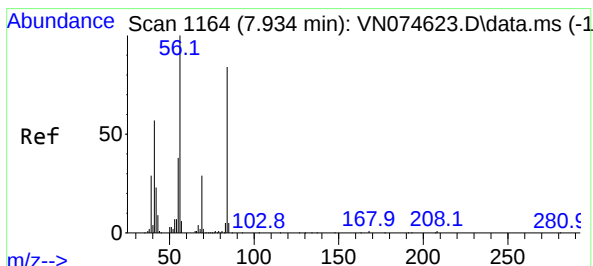
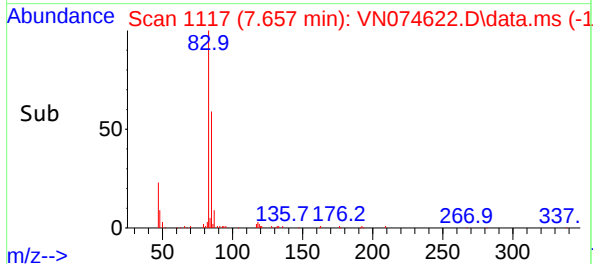
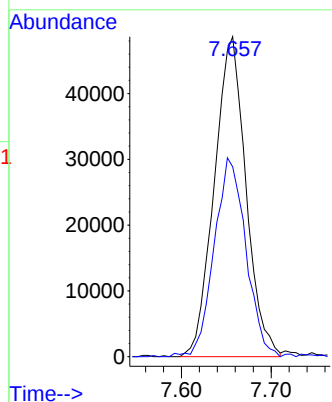
Tgt Ion: 83 Resp: 119270
Ion Ratio Lower Upper
83 100
85 59.3 53.6 80.4

Manual Integrations
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Reviewed By :John
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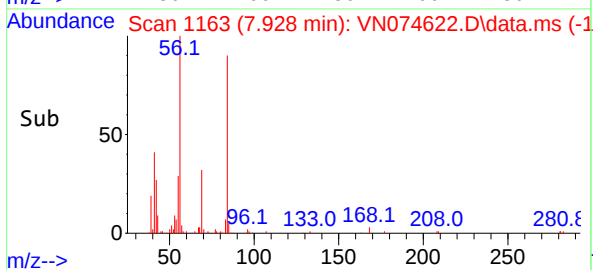
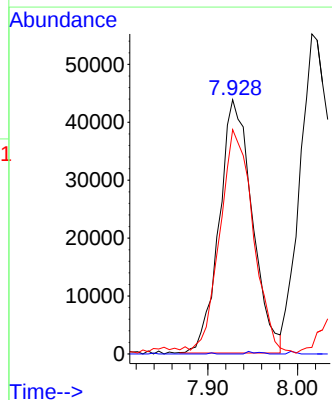
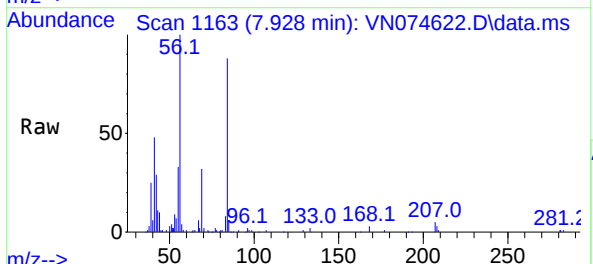
09/28/2022
Supervised By :Mahesh
Dadoda

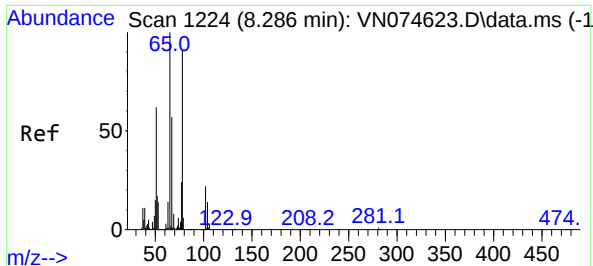
09/28/2022



#26
Cyclohexane
Concen: 5.560 ug/l
RT: 7.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Tgt Ion: 56 Resp: 111544
Ion Ratio Lower Upper
56 100
89 0.2 0.0 0.0#
84 89.2 68.4 102.6





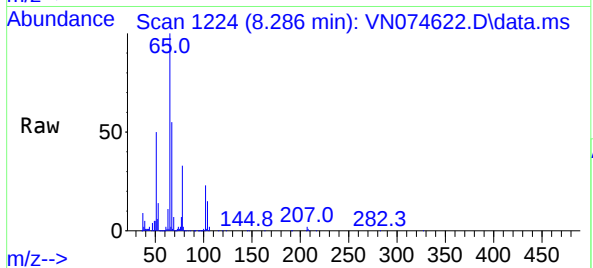
#27
1,2-Dichloroethane-d4
Concen: 30.272 ug/l
RT: 8.286 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



Tgt Ion: 65 Resp: 41675
Ion Ratio Lower Upper
65 100
67 53.2 45.2 67.8

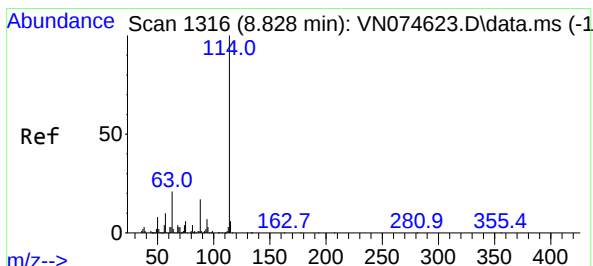
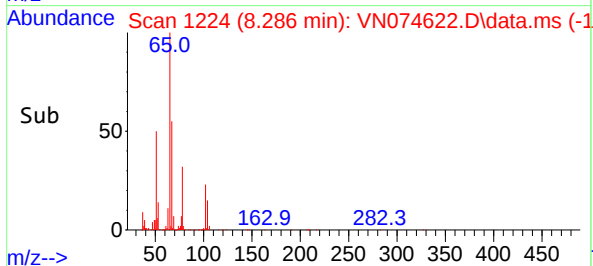
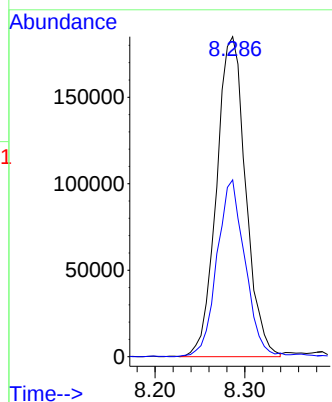
Manual Integrations
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Reviewed By :John
Carlone

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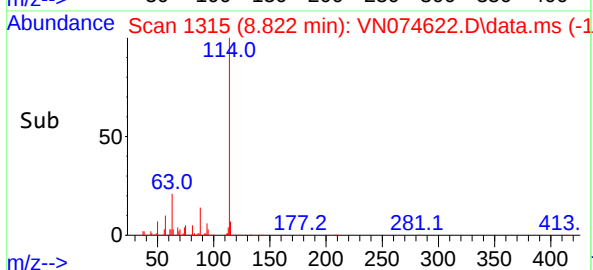
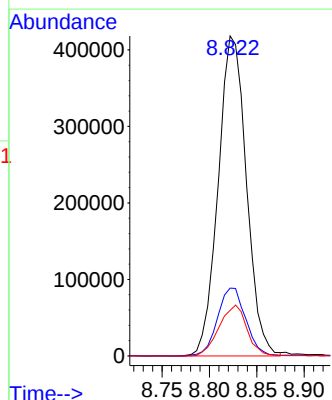
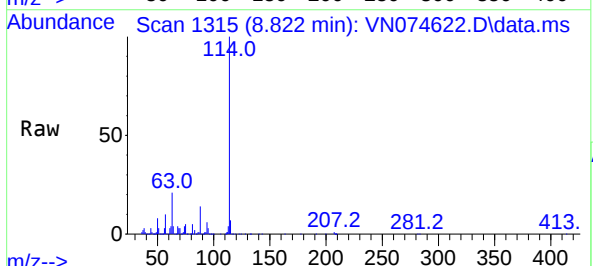
Supervised By :Mahesh
Dadoda

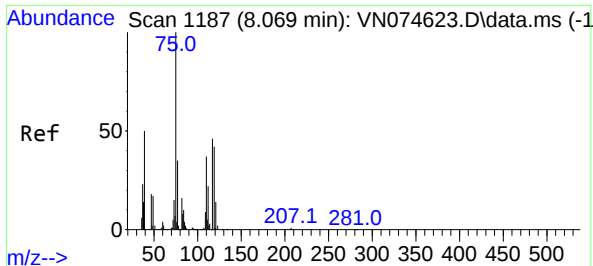
09/28/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Tgt Ion:114 Resp: 867898
Ion Ratio Lower Upper
114 100
63 21.2 16.6 25.0
88 15.6 12.2 18.4





#29
1,1-Dichloropropene
Concen: 5.374 ug/l
RT: 8.069 min Scan# 1187
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 8711
Ion Ratio Lower Upper
75 100
110 18.2 0.0 72.2
77 30.9 0.0 64.0

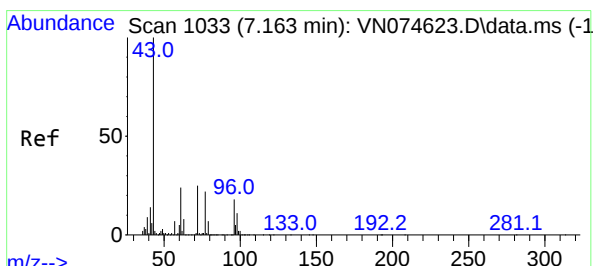
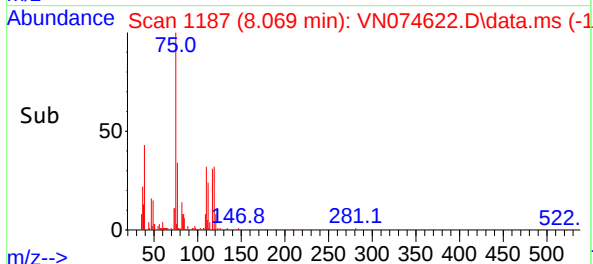
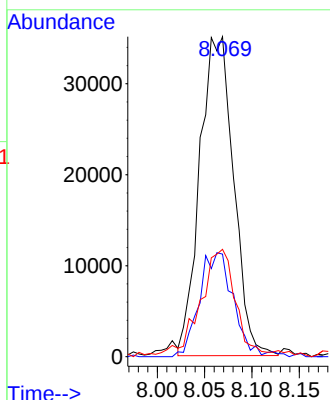
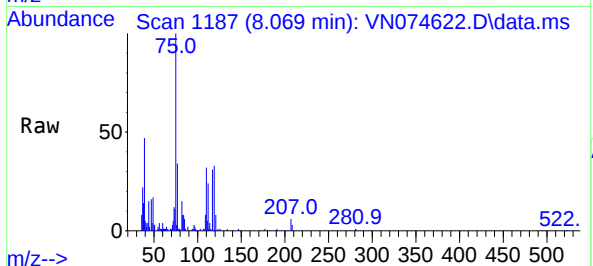
Manual Integrations
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Reviewed By :John
Carlone

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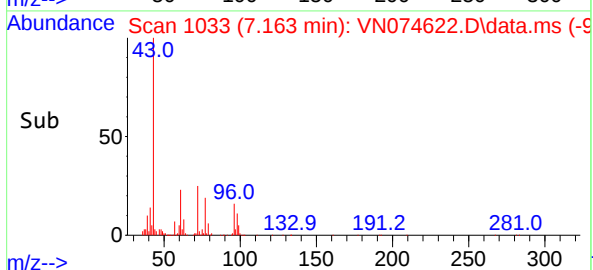
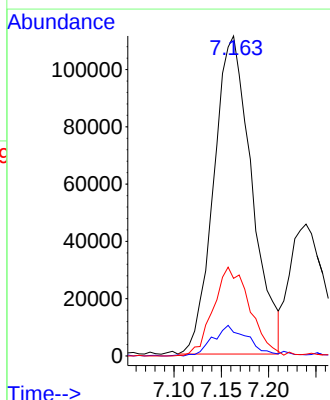
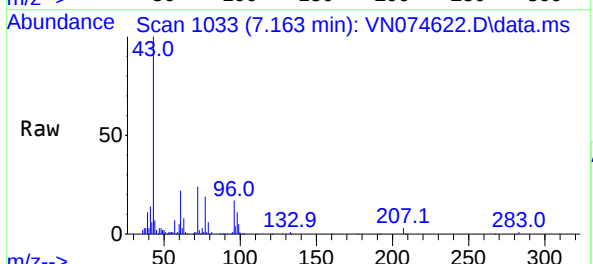
Supervised By :Mahesh
Dadoda

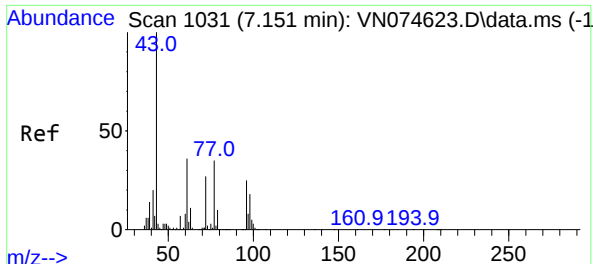
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#30
2-Butanone
Concen: 25.062 ug/l
RT: 7.163 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Tgt Ion: 43 Resp: 309957
Ion Ratio Lower Upper
43 100
57 8.8 6.3 9.5
72 26.9 21.0 31.4





#31
2,2-Dichloropropane
Concen: 5.289 ug/l m
RT: 7.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

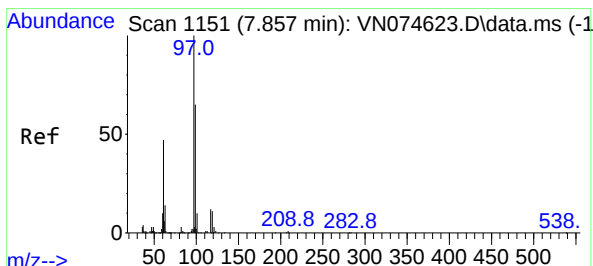
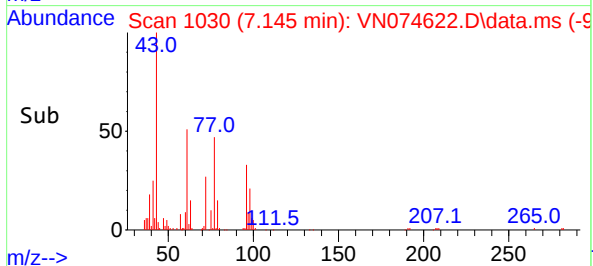
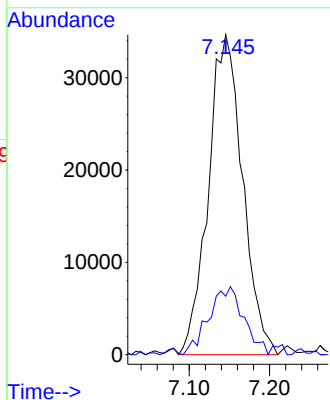
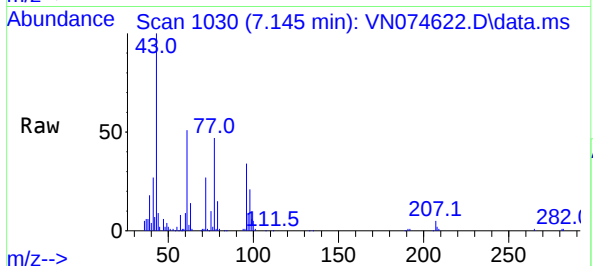
Tgt Ion: 77 Resp: 10273
Ion Ratio Lower Upper
77 100
97 0.2 18.4 27.6

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Reviewed By :John
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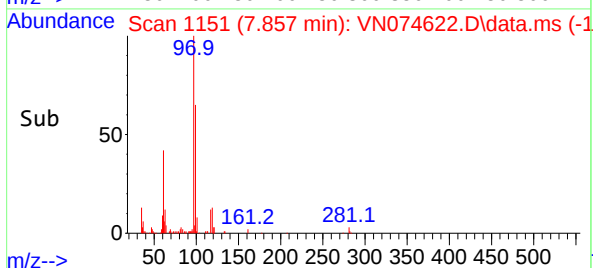
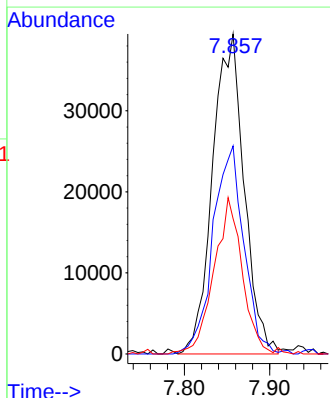
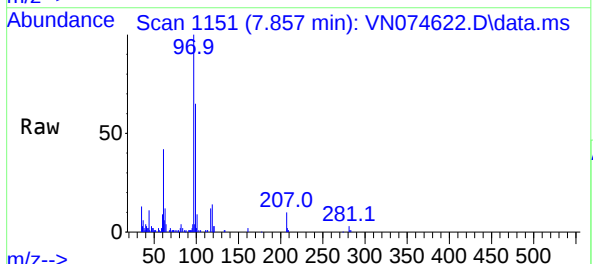
09/28/2022
Supervised By :Mahesh
Dadoda

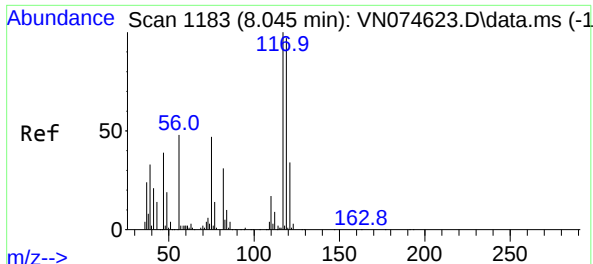
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#32
1,1,1-Trichloroethane
Concen: 5.301 ug/l
RT: 7.857 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

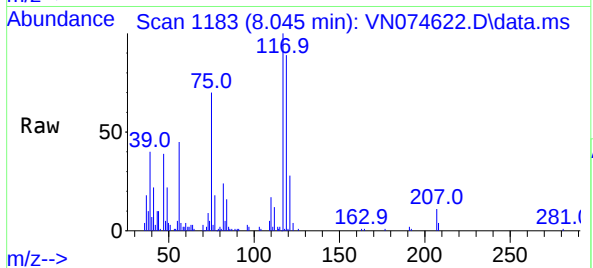
Tgt Ion: 97 Resp: 101512
Ion Ratio Lower Upper
97 100
99 63.6 50.0 75.0
61 43.7 36.1 54.1





#33
Carbon Tetrachloride
Concen: 5.214 ug/l m
RT: 8.045 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



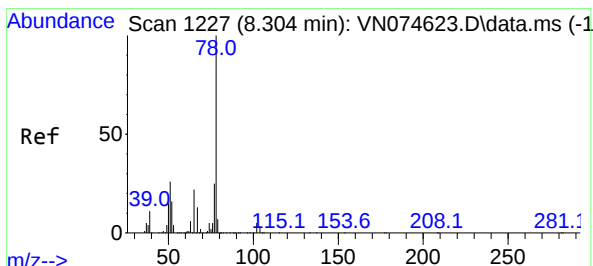
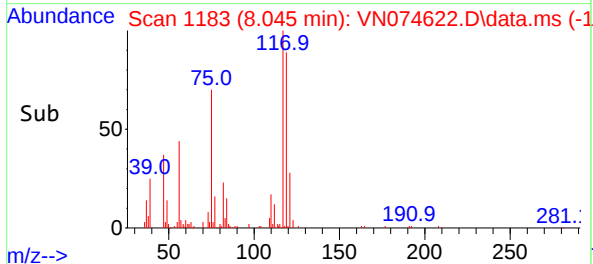
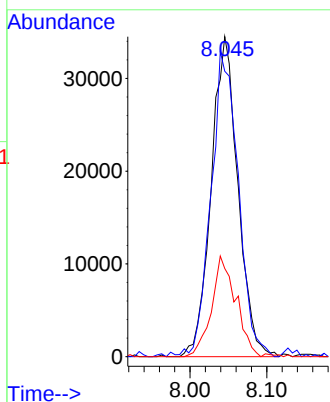
Tgt Ion:117 Resp: 8350
Ion Ratio Lower Upper
117 100
119 89.2 77.8 116.6
121 27.6 27.6 41.4

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Reviewed By :John
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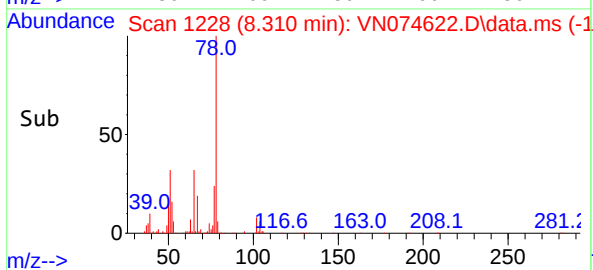
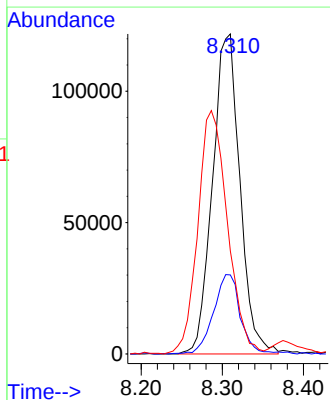
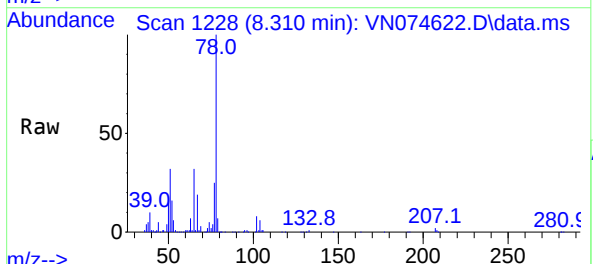
09/28/2022
Supervised By :Mahesh
Dadoda

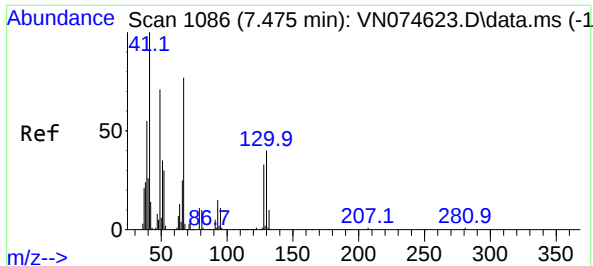
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#34
Benzene
Concen: 5.322 ug/l
RT: 8.310 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

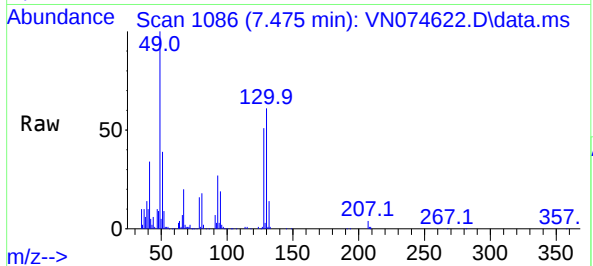
Tgt Ion: 78 Resp: 285599
Ion Ratio Lower Upper
78 100
77 24.5 19.9 29.9
51 29.7 21.1 31.7





#35
Methacrylonitrile
Concen: 4.924 ug/l
RT: 7.475 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



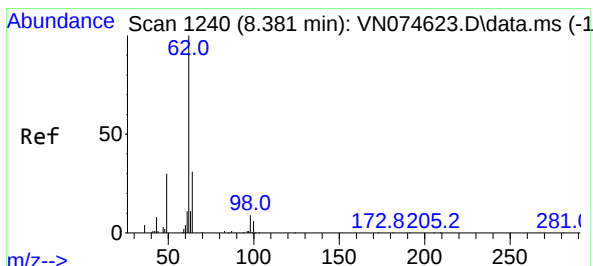
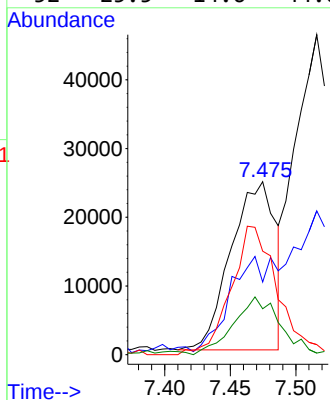
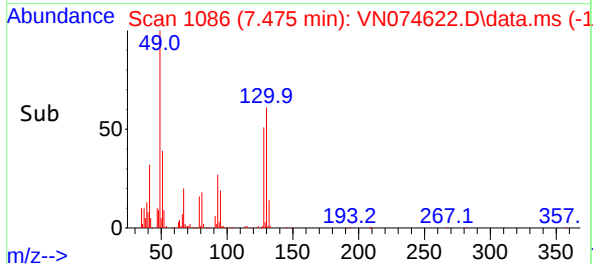
Tgt Ion: 41 Resp: 57934
Ion Ratio Lower Upper
41 100
39 38.9 27.7 83.1
67 61.6 38.0 113.9
52 25.5 14.6 44.0

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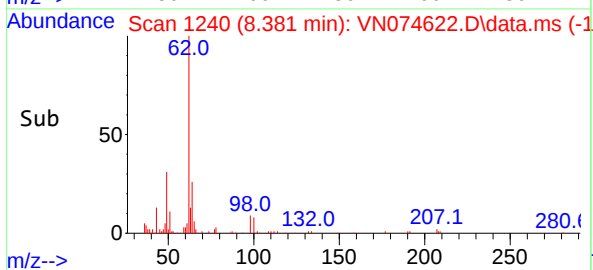
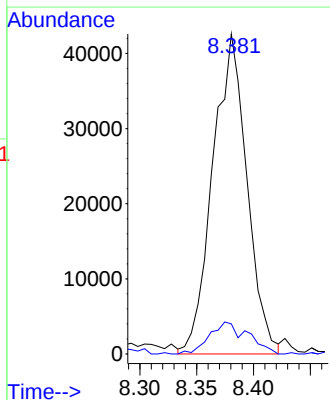
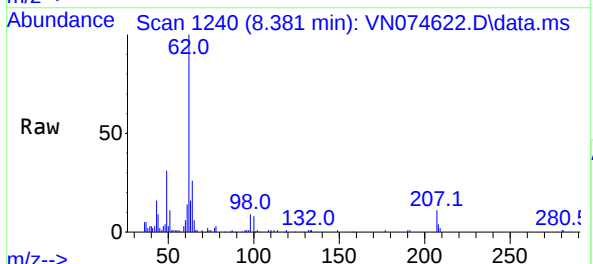
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Supervised By :Mahesh
Dadoda

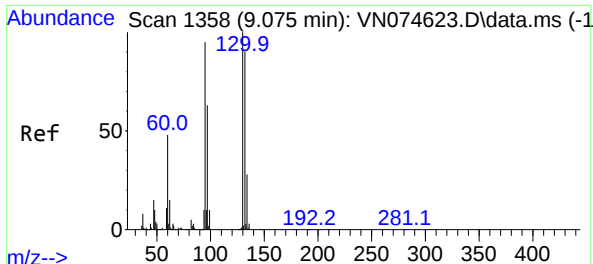
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#36
1,2-Dichloroethane
Concen: 5.088 ug/l
RT: 8.381 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

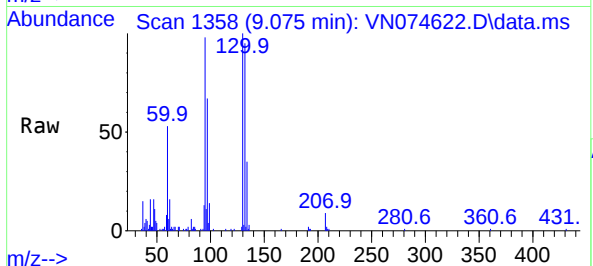
Tgt Ion: 62 Resp: 89162
Ion Ratio Lower Upper
62 100
98 7.8 7.4 11.2





#37
Trichloroethene
Concen: 5.131 ug/l
RT: 9.075 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



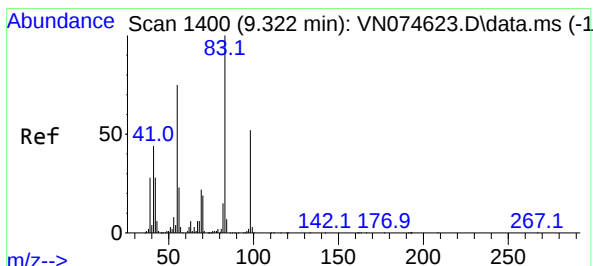
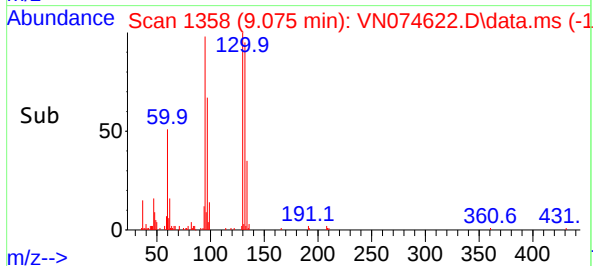
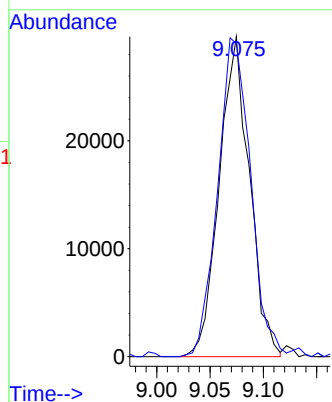
Tgt Ion:130 Resp: 5847
Ion Ratio Lower Upper
130 100
95 97.8 75.9 113.9

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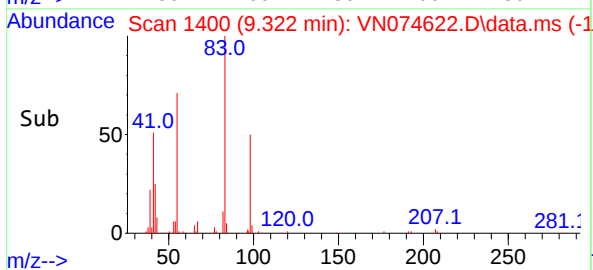
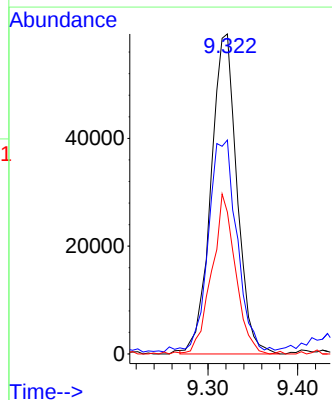
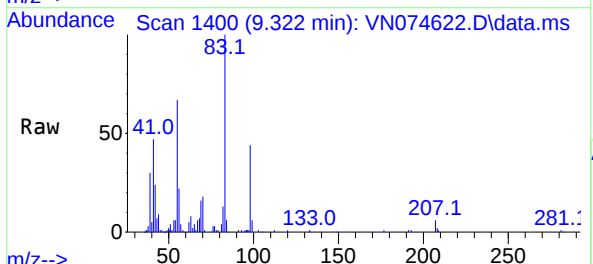
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Supervised By :Mahesh
Dadoda

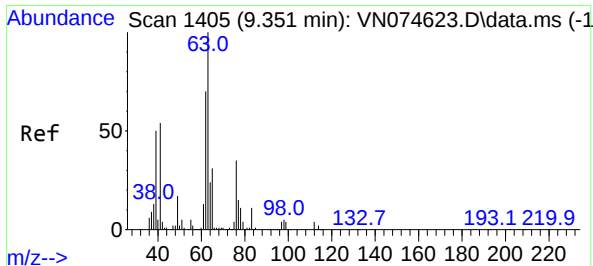
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#38
Methylcyclohexane
Concen: 5.706 ug/l
RT: 9.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

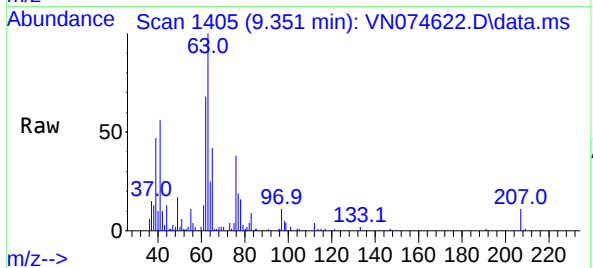
Tgt Ion: 83 Resp: 119718
Ion Ratio Lower Upper
83 100
55 71.2 37.4 112.2
98 45.4 24.5 73.5





#39
1,2-Dichloropropane
Concen: 5.308 ug/l
RT: 9.351 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



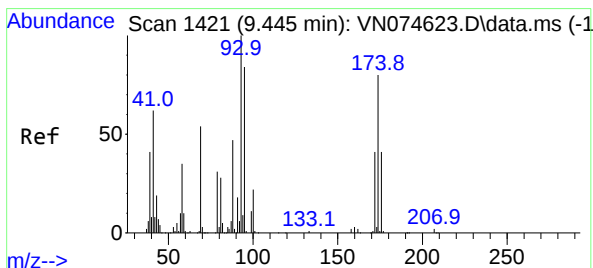
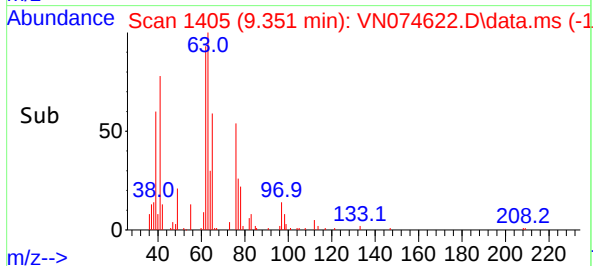
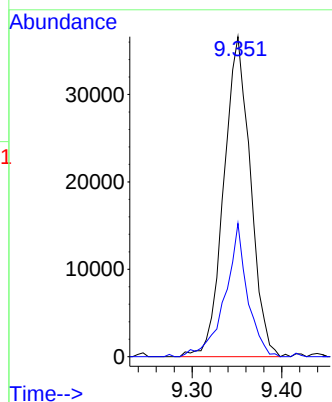
Tgt Ion: 63 Resp: 75412
Ion Ratio Lower Upper
63 100
65 41.7 25.0 37.6

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Reviewed By :John
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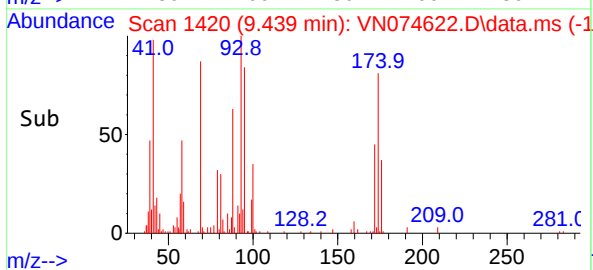
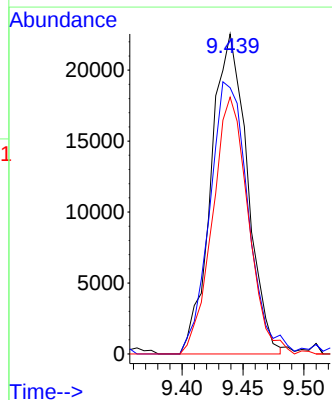
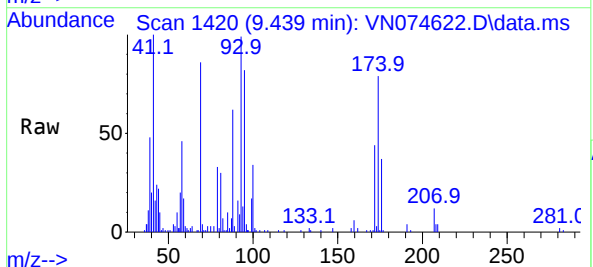
09/28/2022
Supervised By :Mahesh
Dadoda

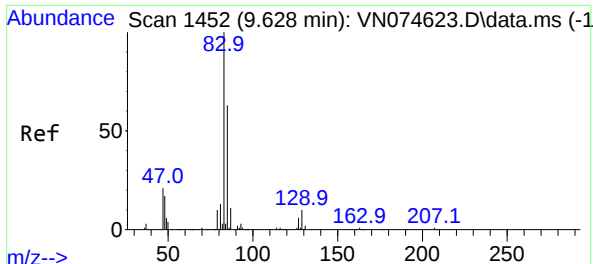
09/28/2022



#40
Dibromomethane
Concen: 5.086 ug/l
RT: 9.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

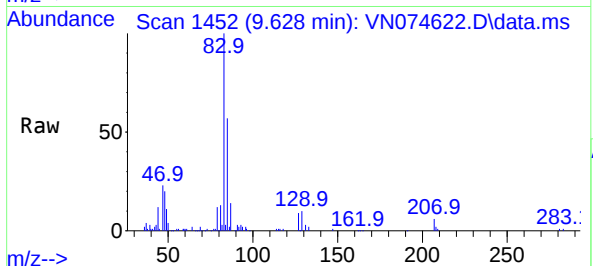
Tgt Ion: 93 Resp: 46626
Ion Ratio Lower Upper
93 100
95 89.9 0.0 168.0
174 79.1 0.0 158.4





#41
Bromodichloromethane
Concen: 5.194 ug/l
RT: 9.628 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



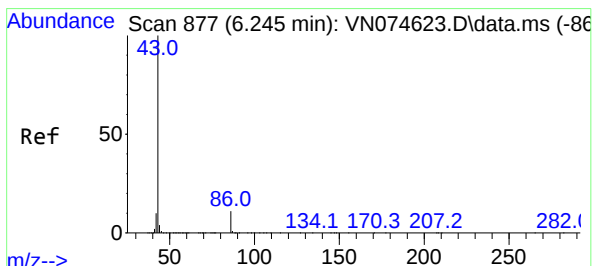
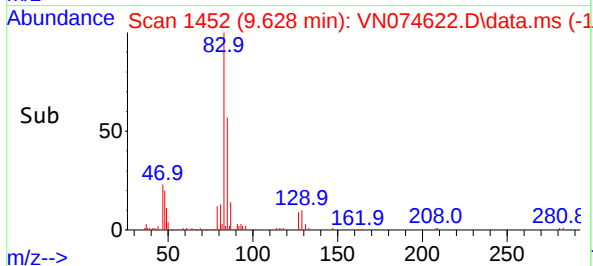
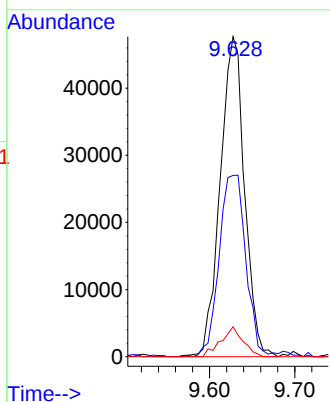
Tgt Ion: 83 Resp: 94648
Ion Ratio Lower Upper
83 100
85 56.7 50.2 75.4
127 9.4 5.1 7.7

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Reviewed By :John
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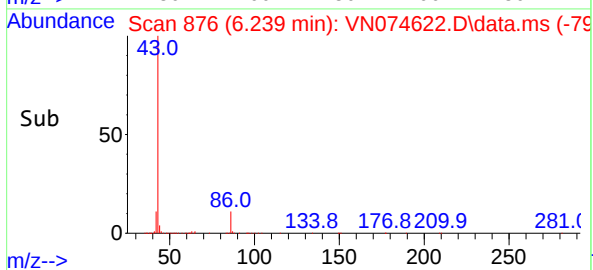
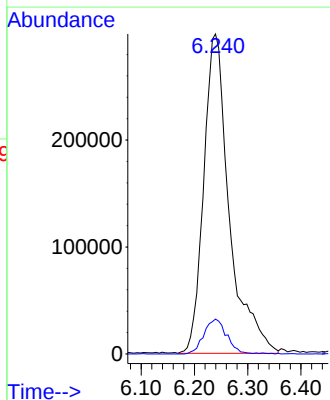
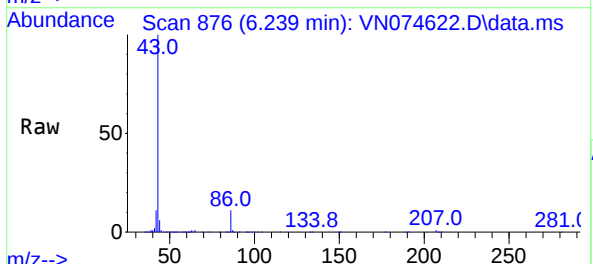
09/28/2022
Supervised By :Mahesh
Dadoda

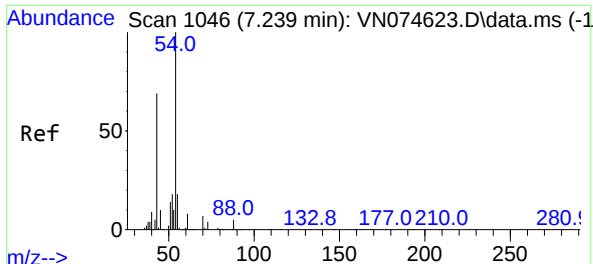
09/28/2022



#42
Vinyl Acetate
Concen: 24.814 ug/l
RT: 6.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

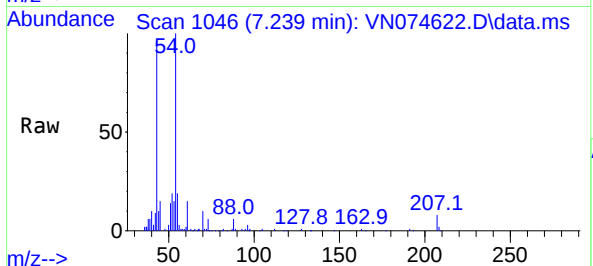
Tgt Ion: 43 Resp: 997238
Ion Ratio Lower Upper
43 100
86 9.7 7.5 11.3





#43
Ethyl Acetate
Concen: 5.086 ug/l
RT: 7.239 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



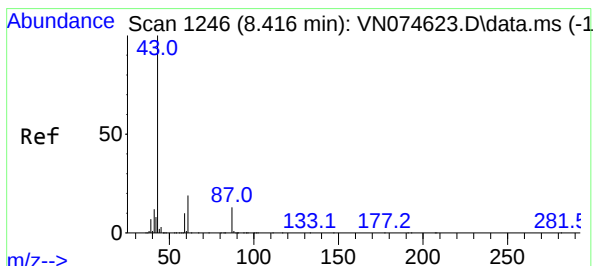
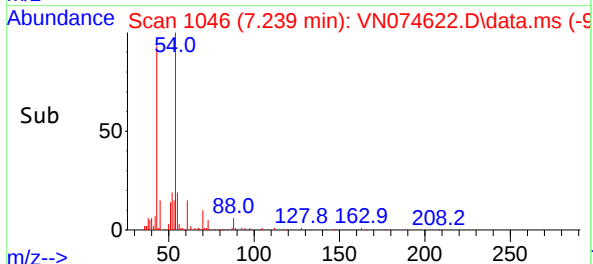
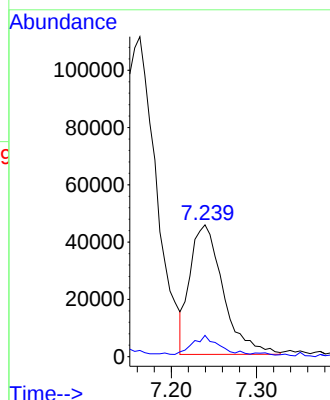
Tgt Ion: 43 Resp: 121839
Ion Ratio Lower Upper
43 100
45 12.0 11.5 17.3

Manual Integrations
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Reviewed By :John
Carlone

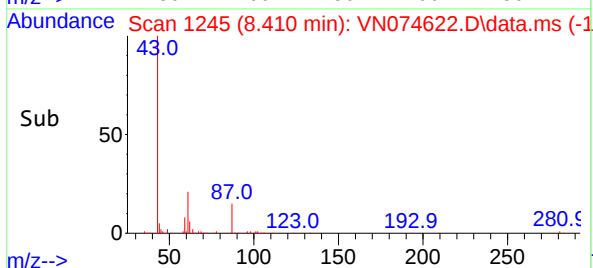
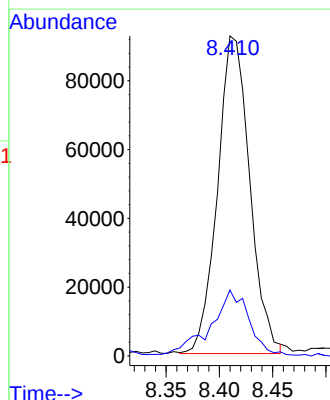
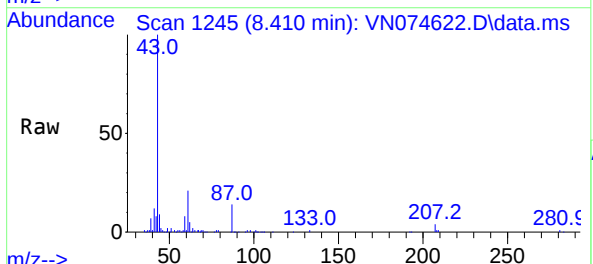
09/28/2022
Supervised By :Mahesh
Dadoda

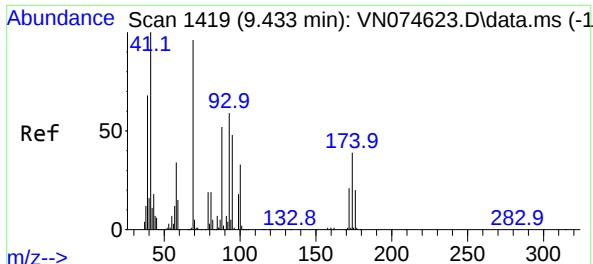
09/28/2022



#44
Isopropyl Acetate
Concen: 4.990 ug/l
RT: 8.410 min Scan# 1245
Delta R.T. -0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

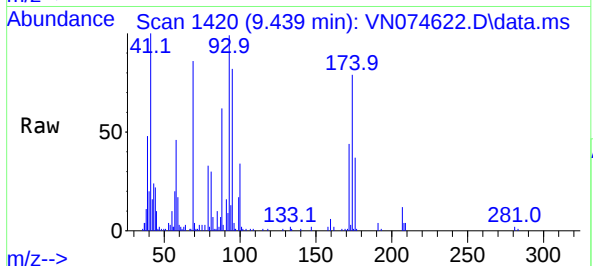
Tgt Ion: 43 Resp: 194104
Ion Ratio Lower Upper
43 100
61 20.3 19.5 29.3





#45
1,4-Dioxane
Concen: 86.850 ug/l
RT: 9.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



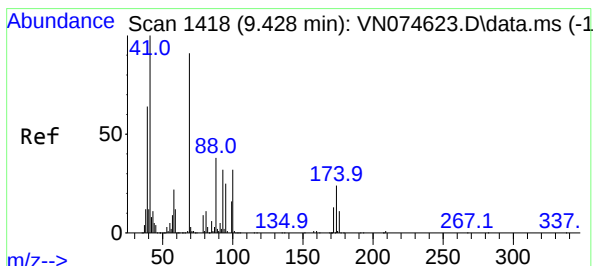
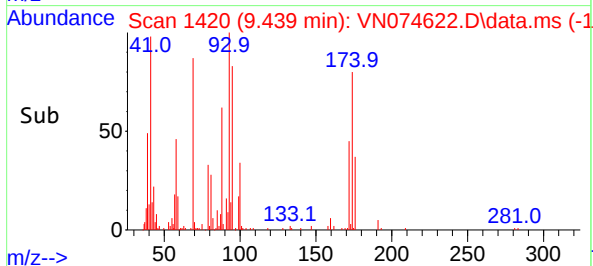
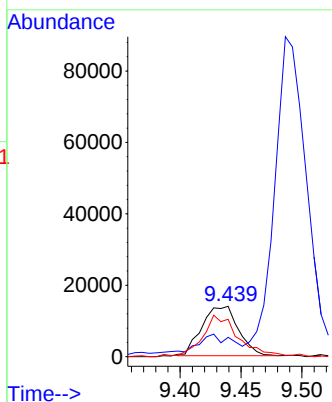
Tgt Ion: 88 Resp: 28829
Ion Ratio Lower Upper
88 100
43 19.0 25.7 38.5
58 80.2 53.4 80.2

Manual Integrations
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Reviewed By :John
Carlone

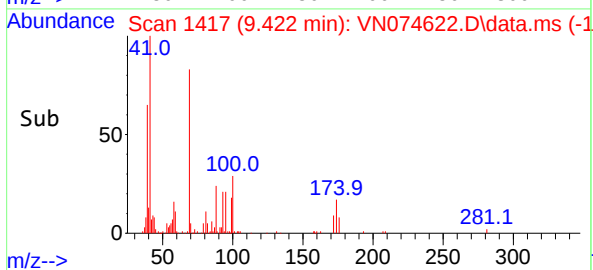
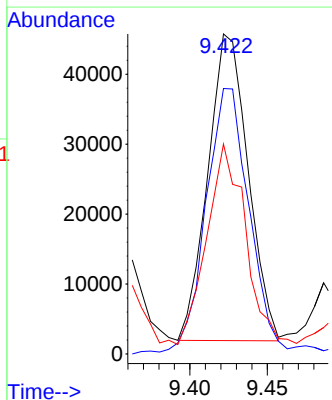
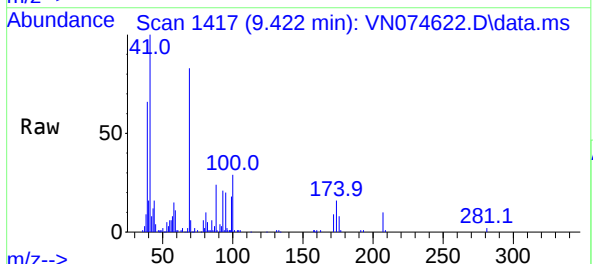
09/28/2022
Supervised By :Mahesh
Dadoda

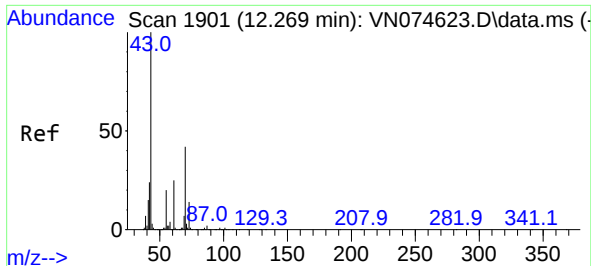
09/28/2022



#46
Methyl methacrylate
Concen: 4.880 ug/l
RT: 9.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

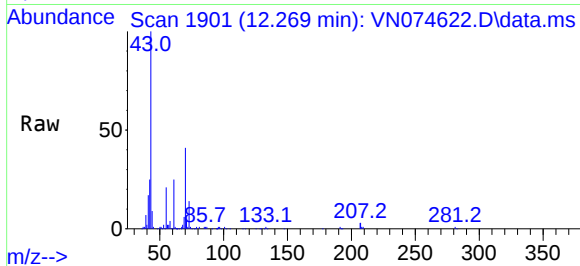
Tgt Ion: 41 Resp: 79058
Ion Ratio Lower Upper
41 100
69 83.1 45.6 136.7
39 65.4 32.3 96.9





#47
n-amy1 Acetate
Concen: 4.393 ug/l
RT: 12.269 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



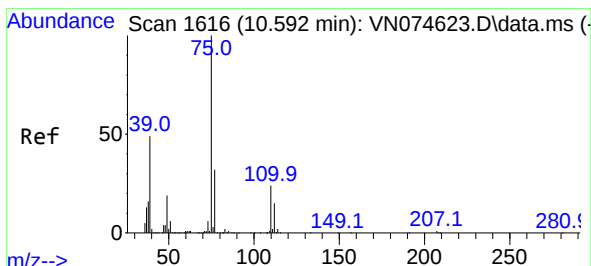
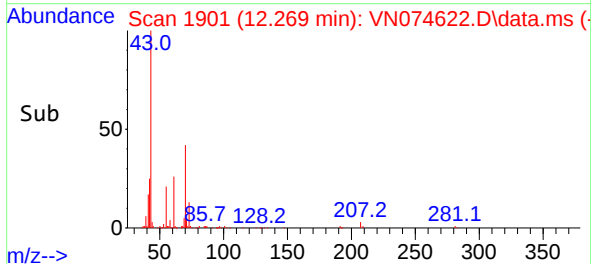
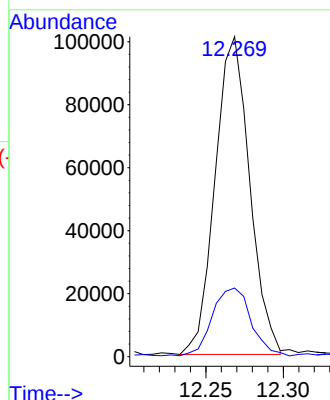
Tgt Ion: 43 Resp: 15639
Ion Ratio Lower Upper
43 100
55 23.8 16.8 25.2

Manual Integrations
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Reviewed By :John
Carlone

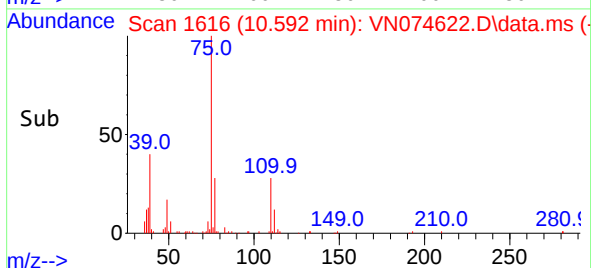
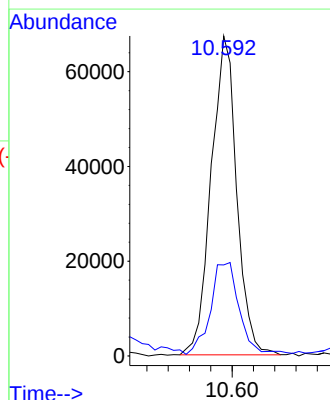
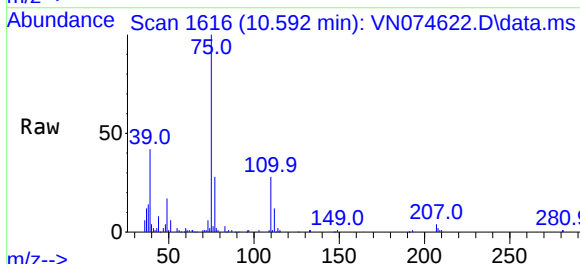
09/28/2022
Supervised By :Mahesh
Dadoda

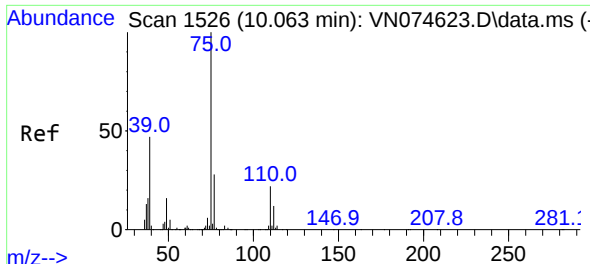
09/28/2022



#48
t-1,3-Dichloropropene
Concen: 5.055 ug/l
RT: 10.592 min Scan# 1616
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

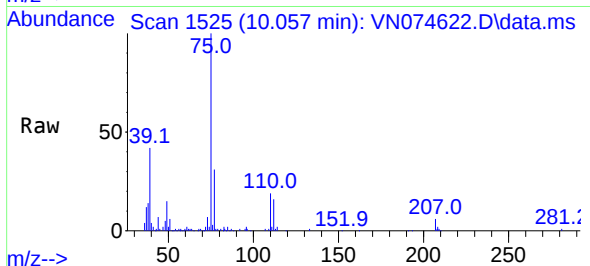
Tgt Ion: 75 Resp: 111832
Ion Ratio Lower Upper
75 100
77 27.1 25.8 38.8





#49
cis-1,3-Dichloropropene
Concen: 5.196 ug/l
RT: 10.057 min Scan# 11963
Delta R.T. -0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



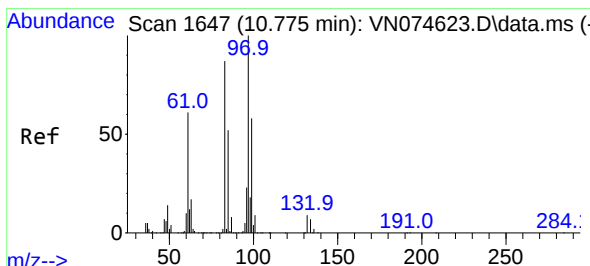
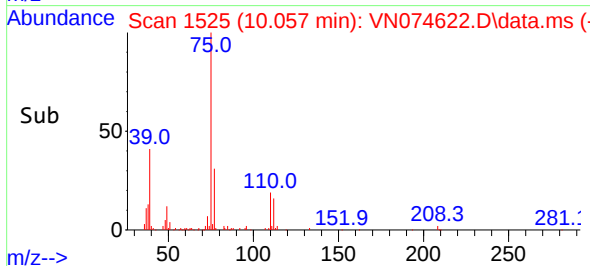
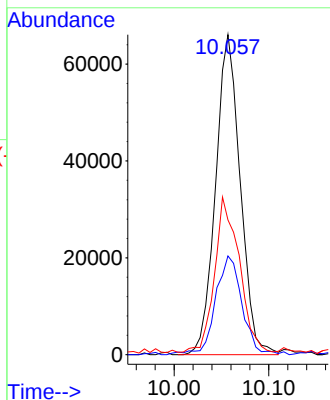
Tgt Ion: 75 Resp: 11963
Ion Ratio Lower Upper
75 100
77 30.5 22.5 33.7
39 41.3 37.6 56.4

Manual Integrations
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Reviewed By :John
Carlone

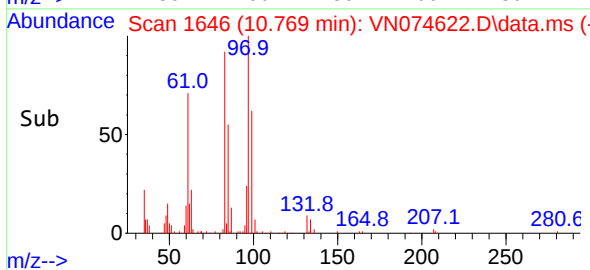
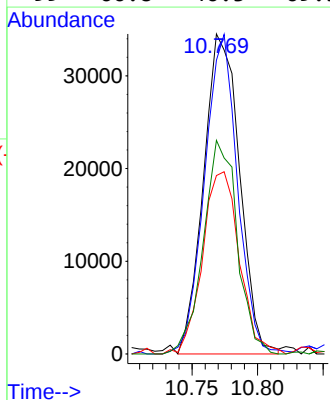
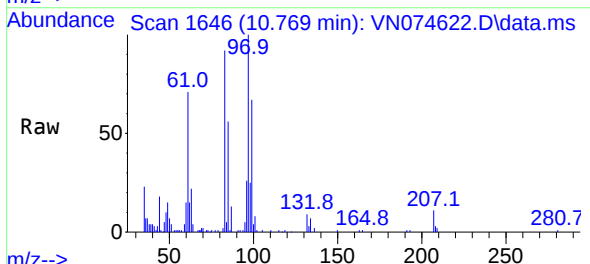
09/28/2022
Supervised By :Mahesh
Dadoda

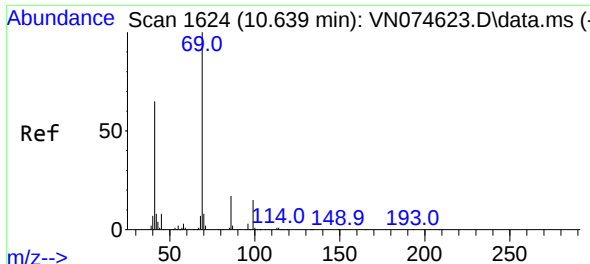
09/28/2022



#50
1,1,2-Trichloroethane
Concen: 4.936 ug/l
RT: 10.769 min Scan# 1646
Delta R.T. -0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Tgt Ion: 97 Resp: 65793
Ion Ratio Lower Upper
97 100
83 90.6 69.2 103.8
85 55.3 41.4 62.2
99 66.8 46.3 69.5





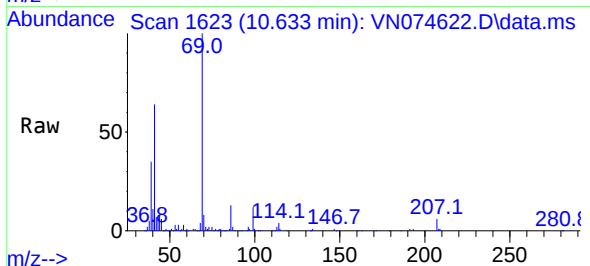
#51
Ethyl methacrylate
Concen: 4.954 ug/l
RT: 10.633 min Scan# 1624
Delta R.T. -0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



Tgt Ion: 69 Resp: 123799
Ion Ratio Lower Upper
69 100
41 62.9 32.5 97.5
39 32.6 21.5 64.5

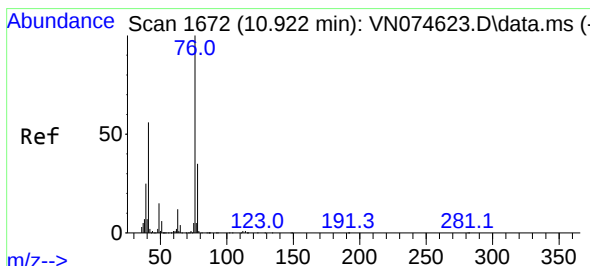
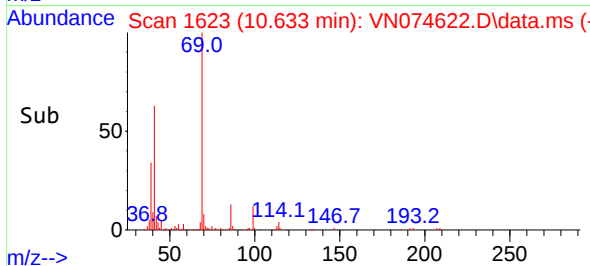
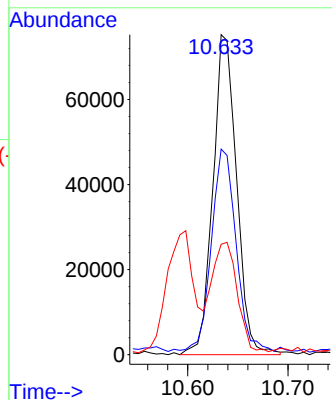
Manual Integrations
APPROVED

Reviewed By :John
Carlone

09/28/2022

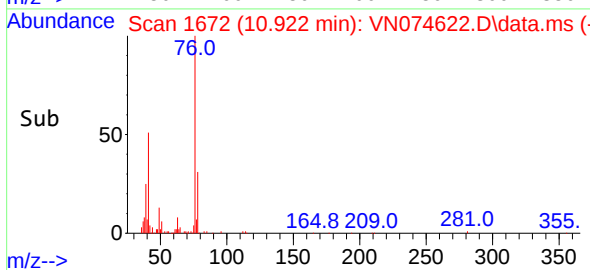
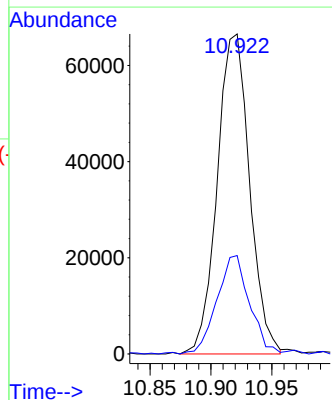
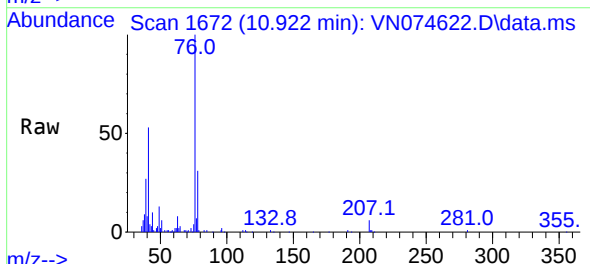
Supervised By :Mahesh
Dadoda

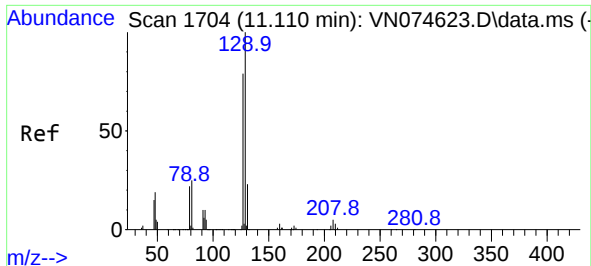
09/28/2022



#52
1,3-Dichloropropane
Concen: 5.212 ug/l
RT: 10.922 min Scan# 1672
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Tgt Ion: 76 Resp: 123117
Ion Ratio Lower Upper
76 100
78 30.9 0.0 63.8





#53
Dibromochloromethane
Concen: 4.791 ug/l
RT: 11.110 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

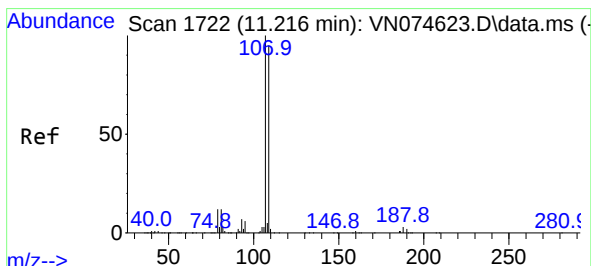
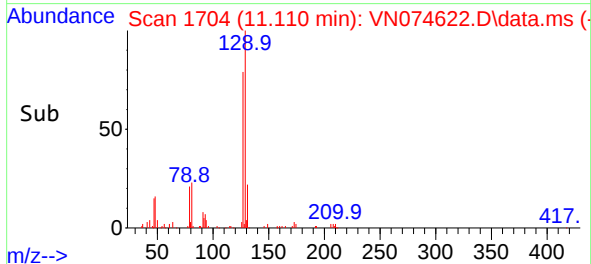
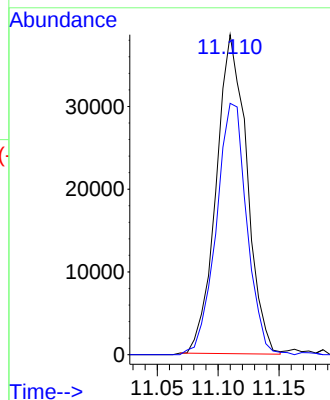
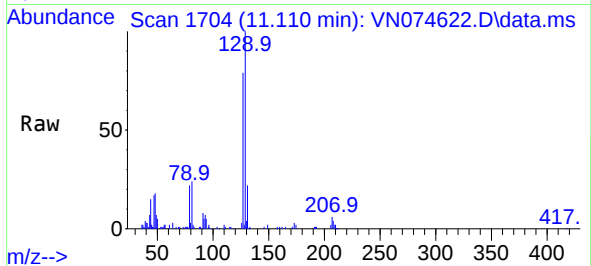
Tgt Ion:129 Resp: 6749
Ion Ratio Lower Upper
129 100
127 78.4 40.6 121.7

Manual Integrations
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Reviewed By :John
Carlone

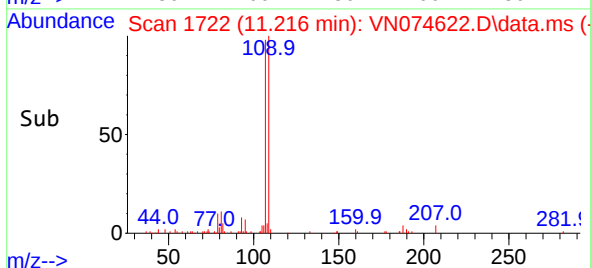
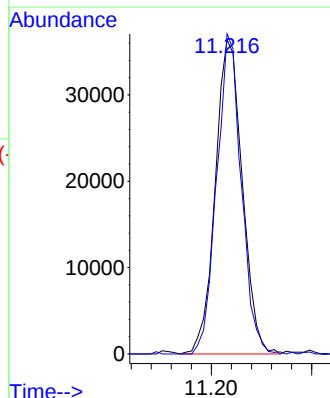
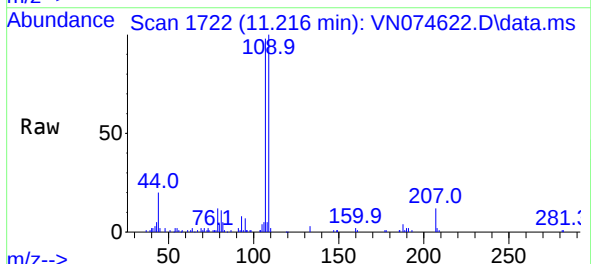
09/28/2022
Supervised By :Mahesh
Dadoda

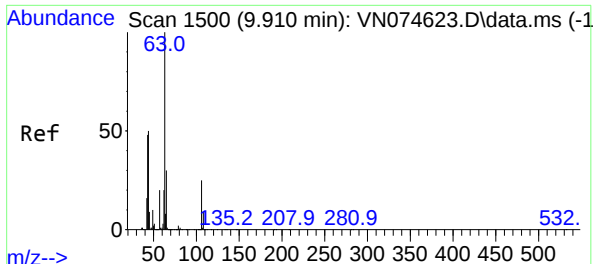
09/28/2022



#54
1,2-Dibromoethane
Concen: 4.937 ug/l
RT: 11.216 min Scan# 1722
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

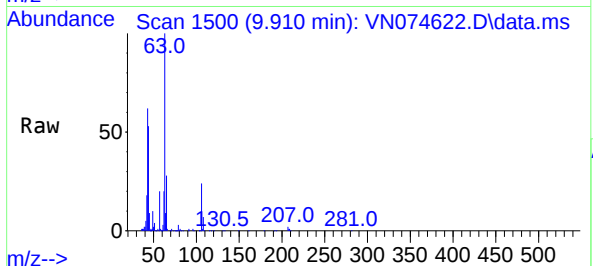
Tgt Ion:107 Resp: 68077
Ion Ratio Lower Upper
107 100
109 92.3 76.2 114.2





#55
2-Chloroethyl vinyl ether
Concen: 23.259 ug/l
RT: 9.910 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



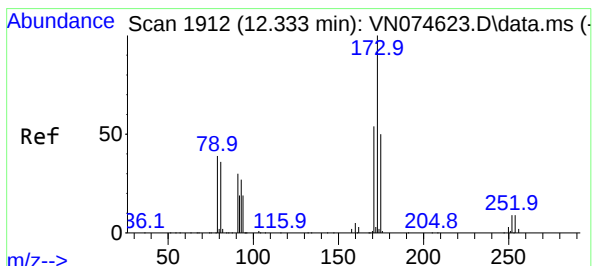
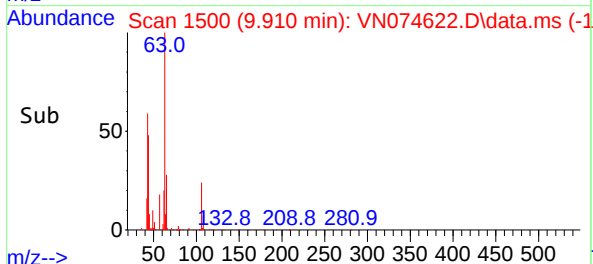
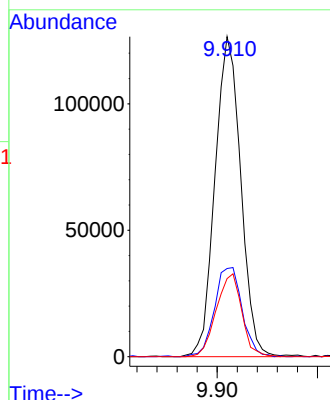
Tgt Ion: 63 Resp: 22558
Ion Ratio Lower Upper
63 100
65 29.8 24.6 36.8
106 25.6 21.3 31.9

Manual Integrations
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Reviewed By :John
Carlone

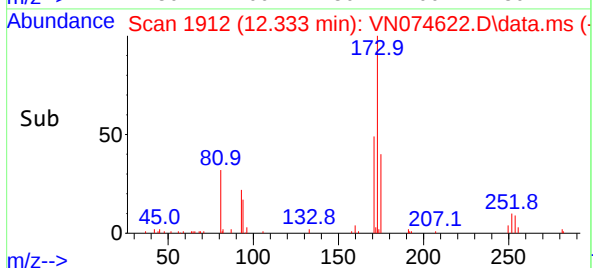
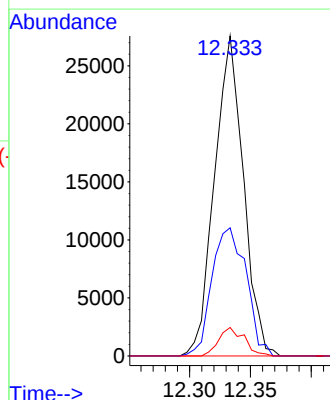
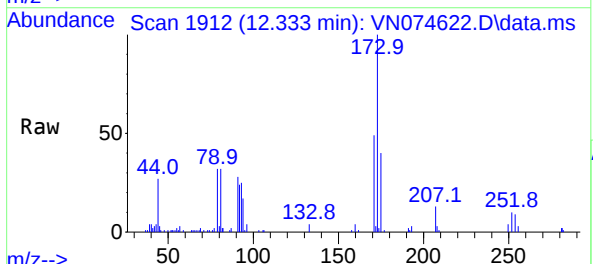
09/28/2022
Supervised By :Mahesh
Dadoda

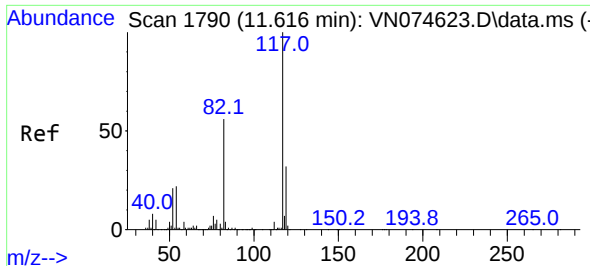
09/28/2022



#56
Bromoform
Concen: 4.143 ug/l
RT: 12.333 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

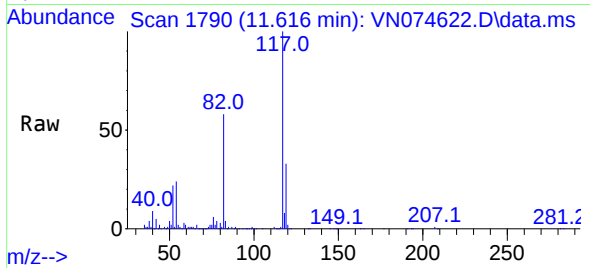
Tgt Ion:173 Resp: 45622
Ion Ratio Lower Upper
173 100
175 47.4 39.1 58.7
254 7.9 7.0 10.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.616 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



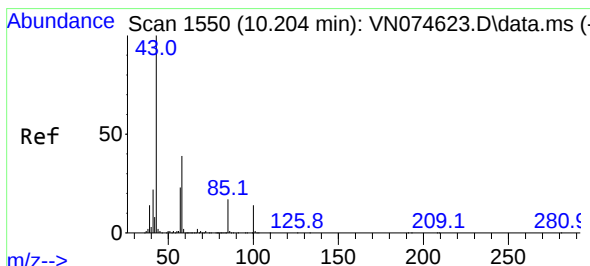
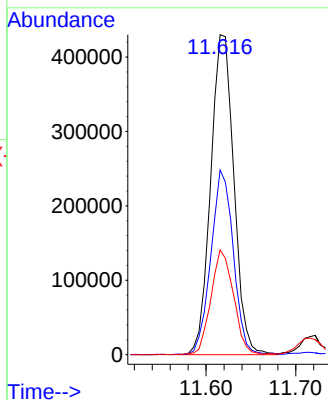
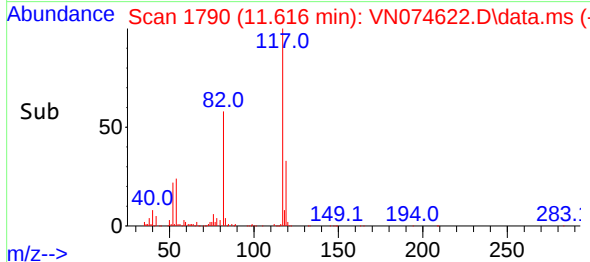
Tgt Ion: 117 Resp: 77325
Ion Ratio Lower Upper
117 100
82 55.7 44.6 67.0
119 31.8 25.6 38.4

Manual Integrations
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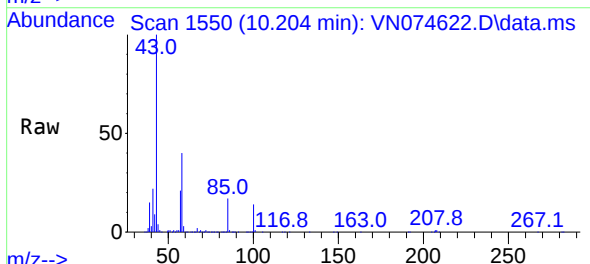
Reviewed By :John
Carlone

09/28/2022
Supervised By :Mahesh
Dadoda

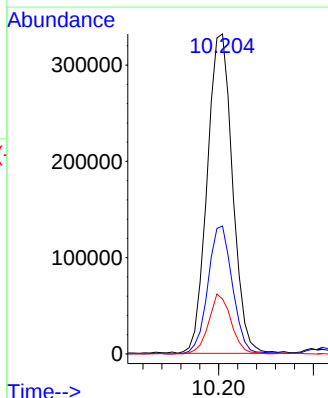
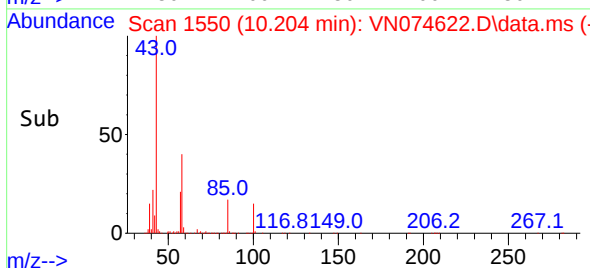
09/28/2022

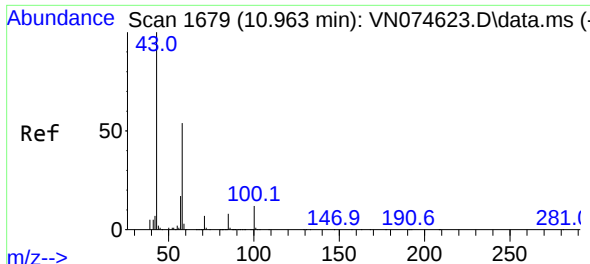


#58
4-Methyl-2-Pentanone
Concen: 25.649 ug/l
RT: 10.204 min Scan# 1550
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04



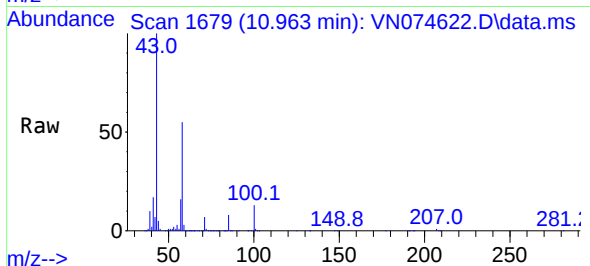
Tgt Ion: 43 Resp: 615495
Ion Ratio Lower Upper
43 100
58 39.0 30.8 46.2
85 16.7 13.3 19.9





#59
2-Hexanone
Concen: 24.503 ug/l
RT: 10.963 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



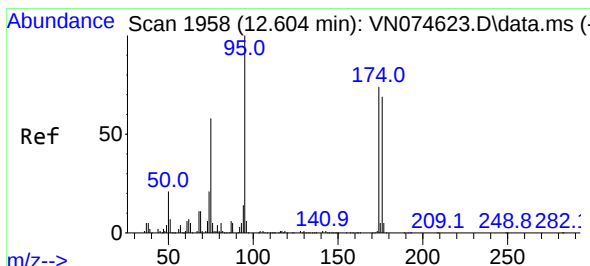
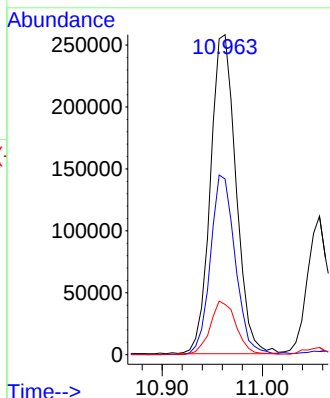
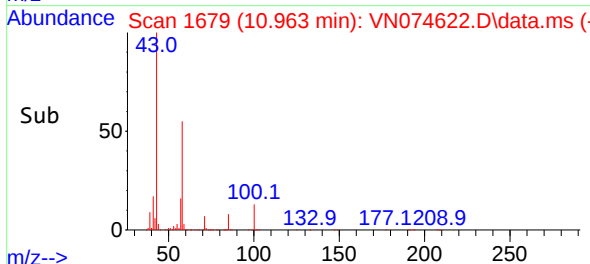
Tgt Ion: 43 Resp: 455410
Ion Ratio Lower Upper
43 100
58 54.8 43.6 65.4
57 17.3 14.3 21.5

Manual Integrations
APPROVED

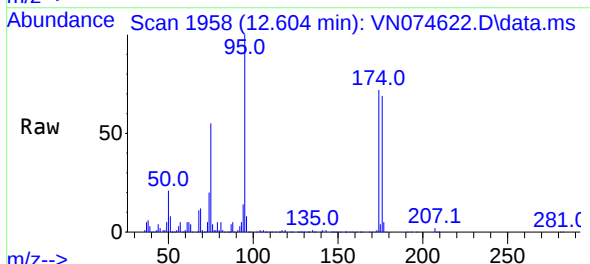
Reviewed By :John
Carlone

09/28/2022
Supervised By :Mahesh
Dadoda

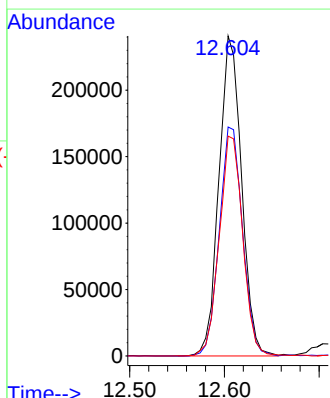
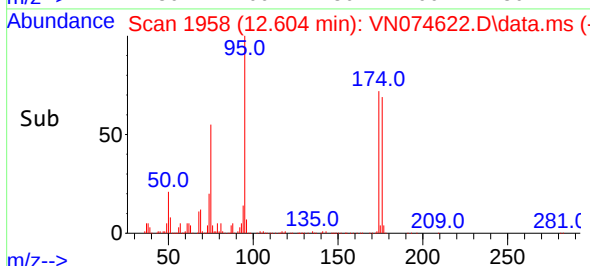
09/28/2022

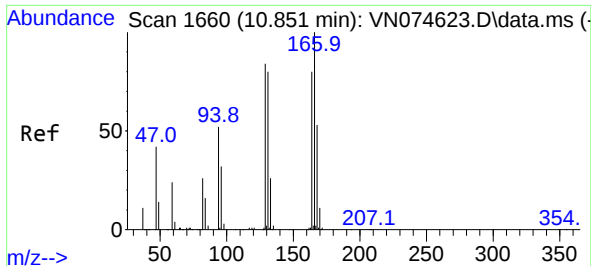


#60
4-Bromofluorobenzene
Concen: 26.603 ug/l
RT: 12.604 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04



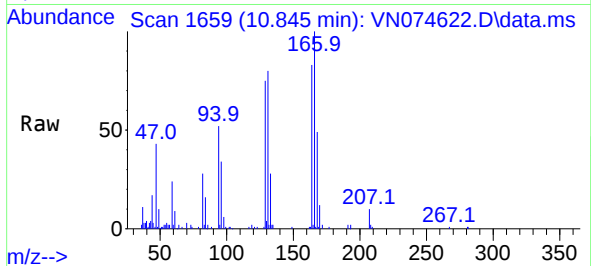
Tgt Ion: 95 Resp: 399584
Ion Ratio Lower Upper
95 100
174 73.5 57.8 86.8
176 71.2 57.0 85.4





#61
Tetrachloroethene
Concen: 5.916 ug/l
RT: 10.845 min Scan# 1659
Delta R.T. -0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



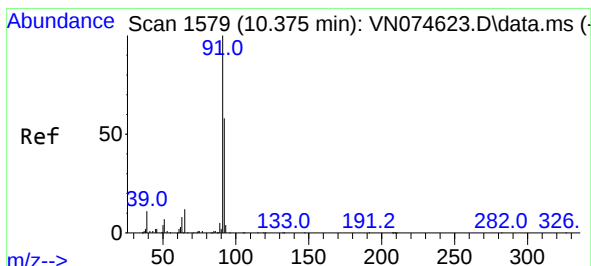
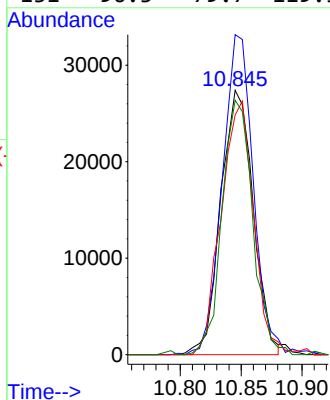
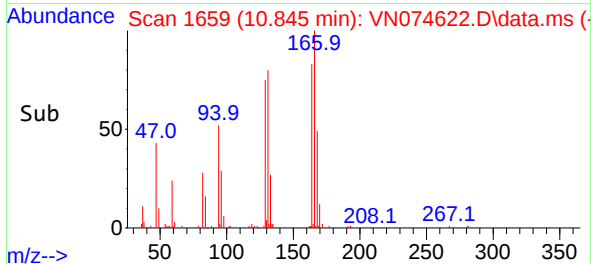
Tgt Ion:164 Resp: 5103
Ion Ratio Lower Upper
164 100
166 120.5 99.6 149.4
129 90.7 84.0 126.0
131 96.3 79.7 119.5

Manual Integrations
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Reviewed By :John
Carlone

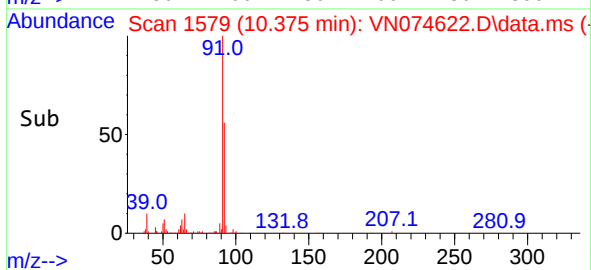
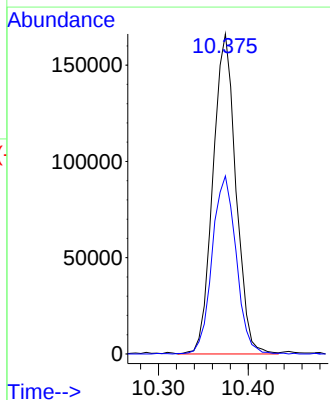
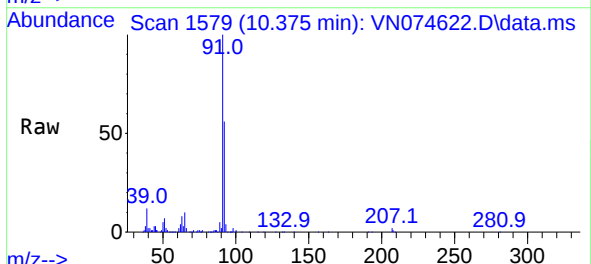
09/28/2022
Supervised By :Mahesh
Dadoda

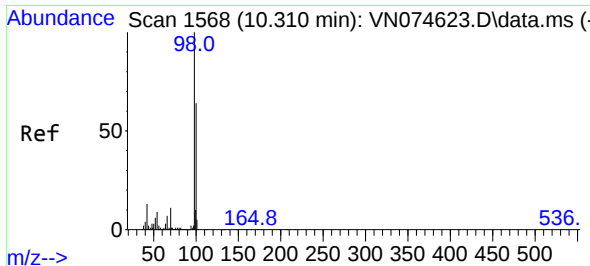
09/28/2022



#62
Toluene
Concen: 5.217 ug/l
RT: 10.375 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

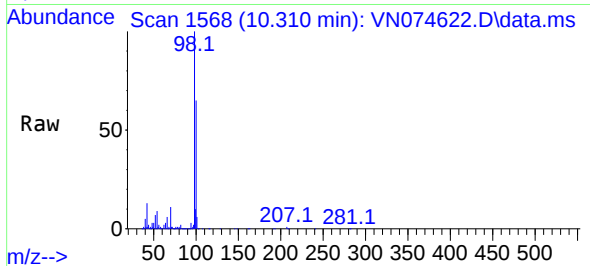
Tgt Ion: 91 Resp: 295419
Ion Ratio Lower Upper
91 100
92 58.0 46.0 69.0





#63
Toluene-d8
Concen: 30.612 ug/l
RT: 10.310 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



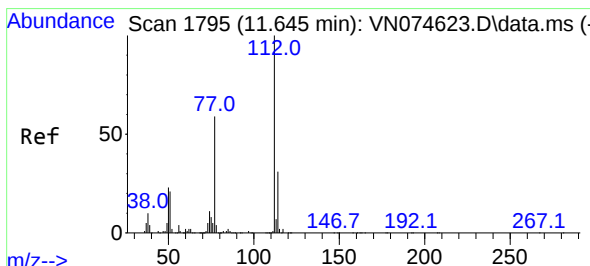
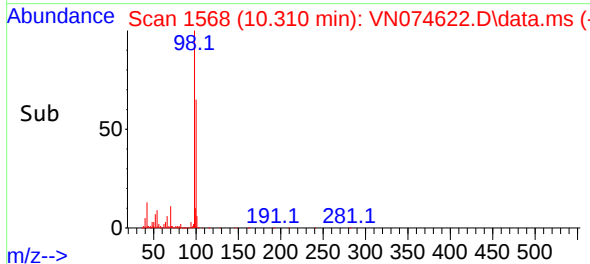
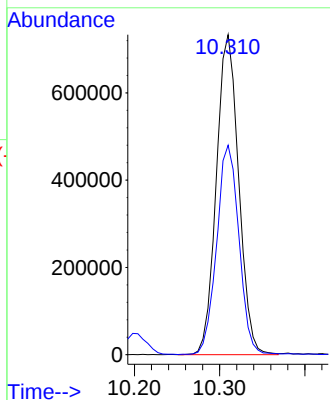
Tgt Ion: 98 Resp: 133518
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1

Manual Integrations
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Reviewed By :John
Carlone

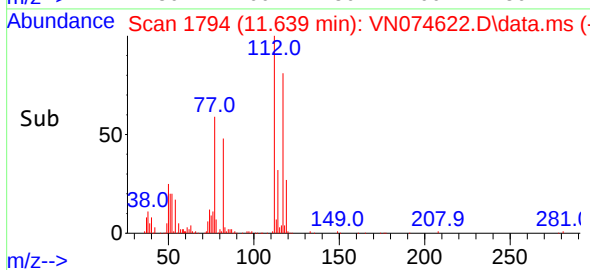
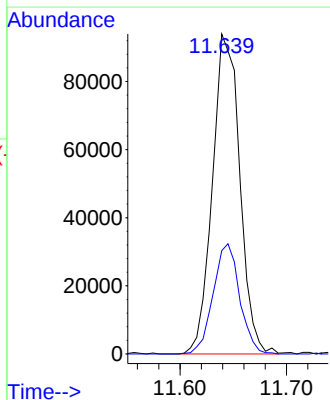
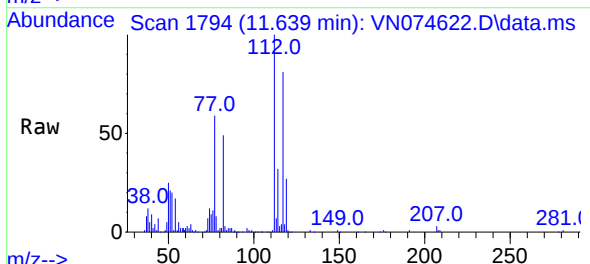
09/28/2022
Supervised By :Mahesh
Dadoda

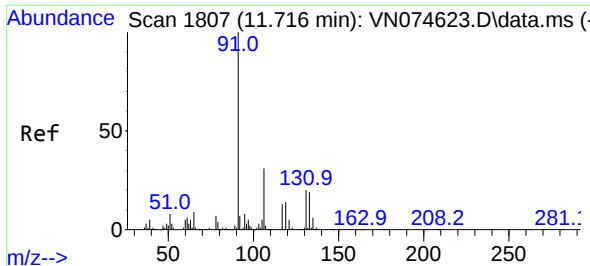
09/28/2022



#64
Chlorobenzene
Concen: 5.164 ug/l
RT: 11.639 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Tgt Ion:112 Resp: 167542
Ion Ratio Lower Upper
112 100
114 32.2 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 5.130 ug/l
RT: 11.722 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

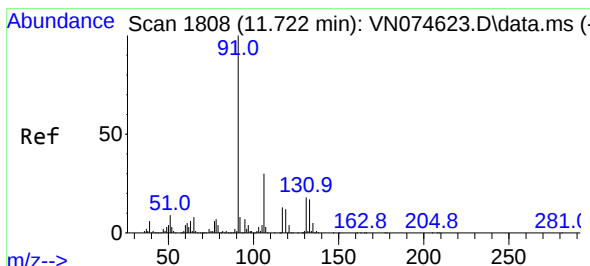
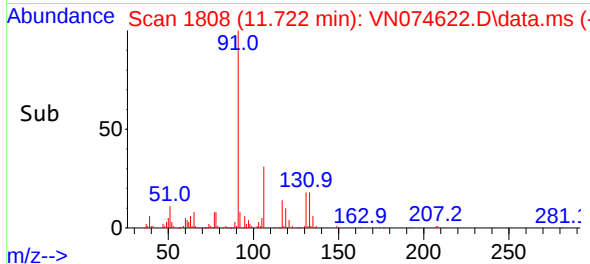
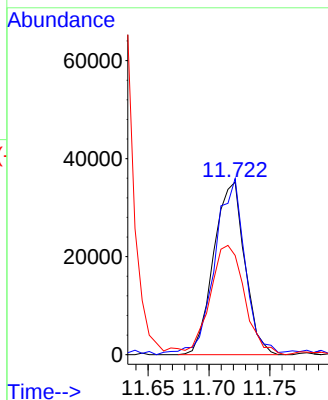
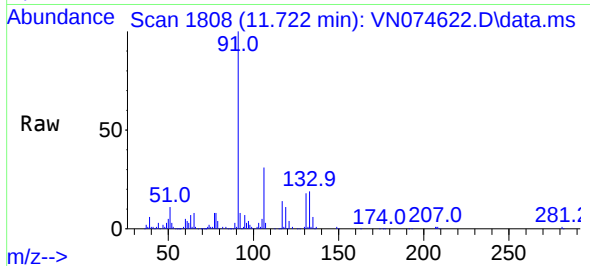
Tgt Ion:131 Resp: 62530
Ion Ratio Lower Upper
131 100
133 99.4 0.0 191.8
119 69.7 0.0 135.8

Manual Integrations
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Reviewed By :John
Carlone

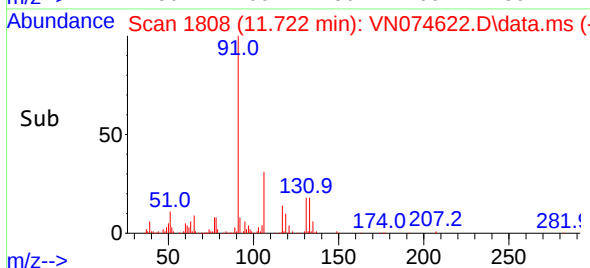
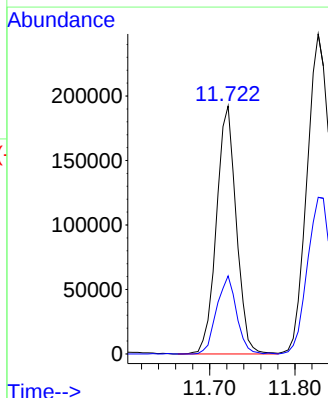
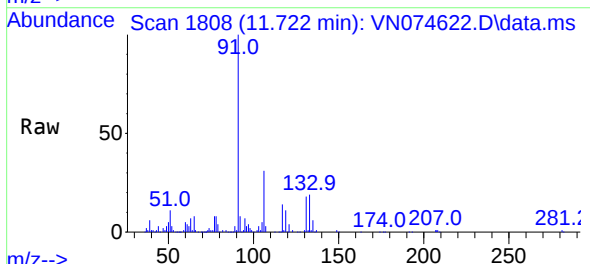
09/28/2022
Supervised By :Mahesh
Dadoda

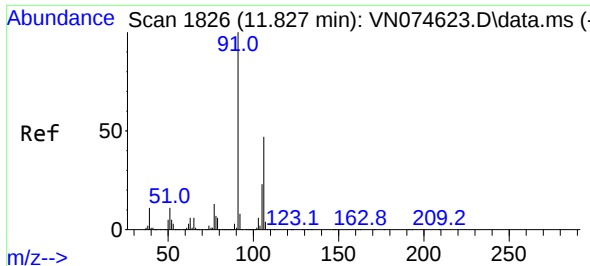
09/28/2022



#66
Ethyl Benzene
Concen: 5.174 ug/l
RT: 11.722 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

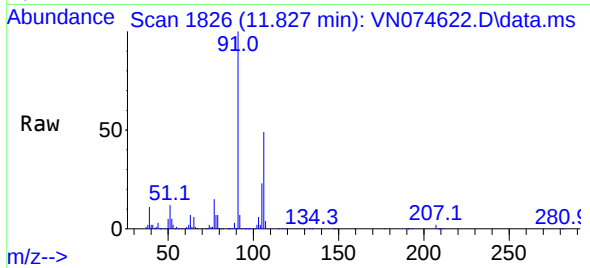
Tgt Ion: 91 Resp: 311093
Ion Ratio Lower Upper
91 100
106 31.5 24.1 36.1





#67
m/p-Xylenes
Concen: 9.857 ug/l
RT: 11.827 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



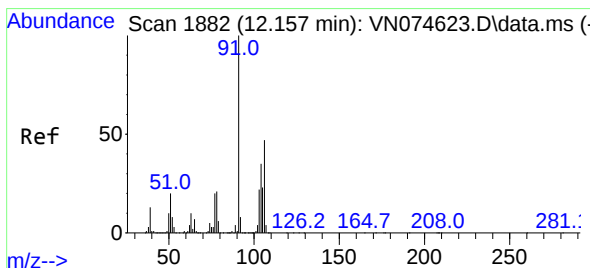
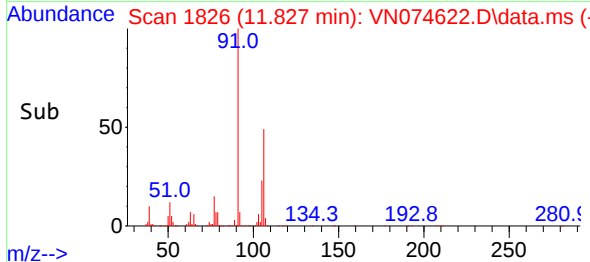
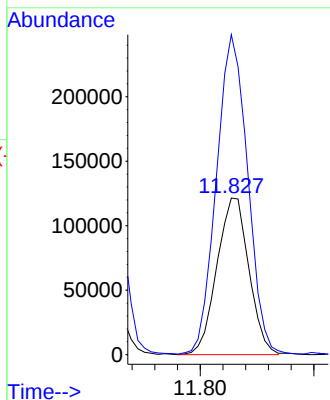
Tgt Ion:106 Resp: 23795
Ion Ratio Lower Upper
106 100
91 199.2 164.2 246.4

Manual Integrations
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Reviewed By :John
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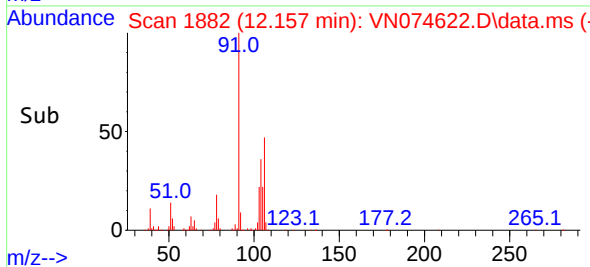
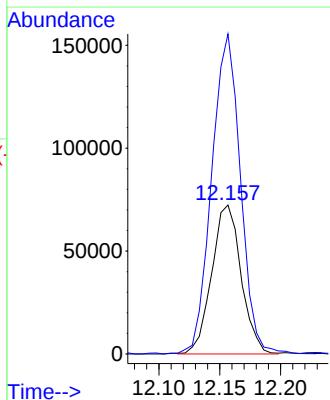
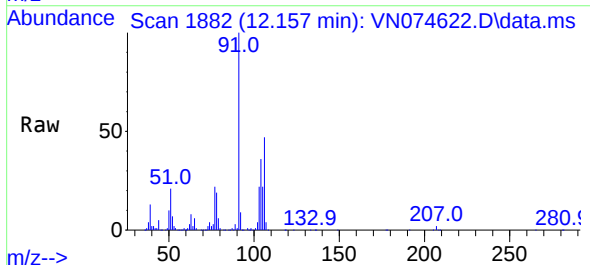
09/28/2022
Supervised By :Mahesh
Dadoda

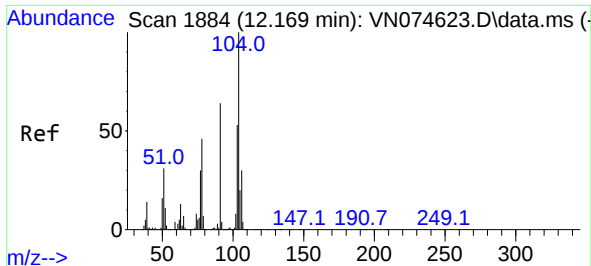
09/28/2022



#68
o-Xylene
Concen: 4.948 ug/l
RT: 12.157 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Tgt Ion:106 Resp: 121629
Ion Ratio Lower Upper
106 100
91 210.1 108.5 325.5





#69
Styrene
Concen: 4.379 ug/l
RT: 12.169 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

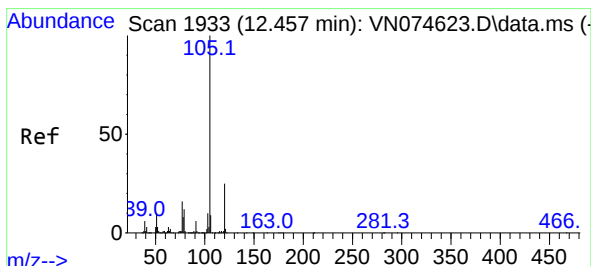
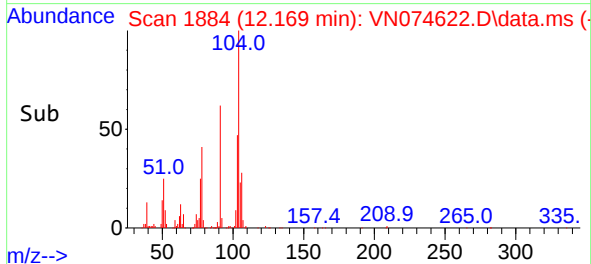
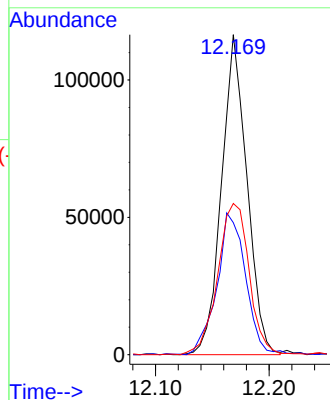
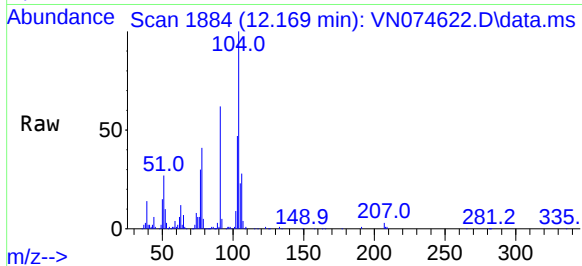
Tgt Ion:104 Resp: 18108
Ion Ratio Lower Upper
104 100
78 49.7 39.9 59.9
103 58.3 43.8 65.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

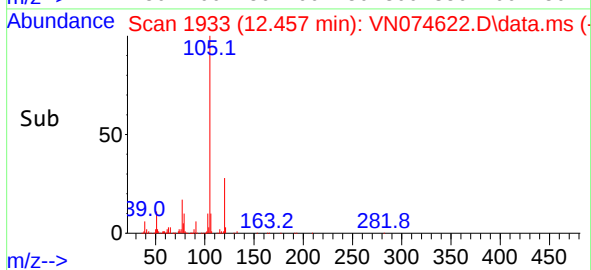
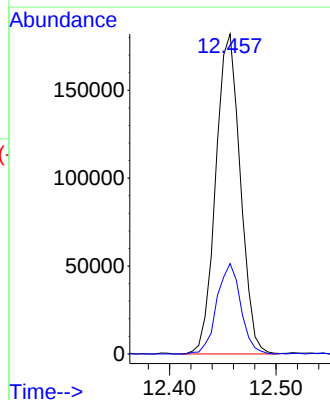
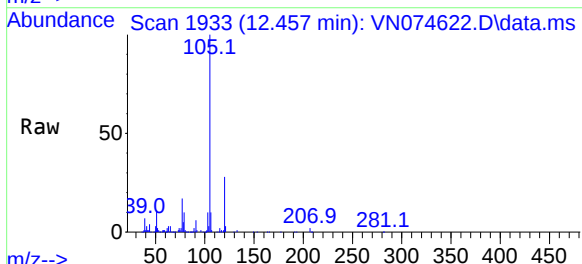
09/28/2022
Supervised By :Mahesh
Dadoda

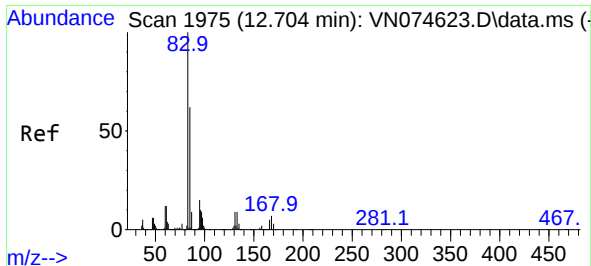
09/28/2022



#70
Isopropylbenzene
Concen: 4.647 ug/l
RT: 12.457 min Scan# 1933
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

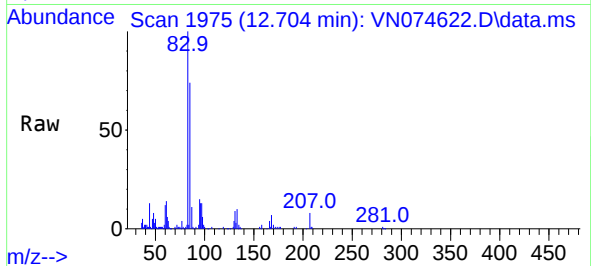
Tgt Ion:105 Resp: 291425
Ion Ratio Lower Upper
105 100
120 27.4 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 5.021 ug/l
RT: 12.704 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



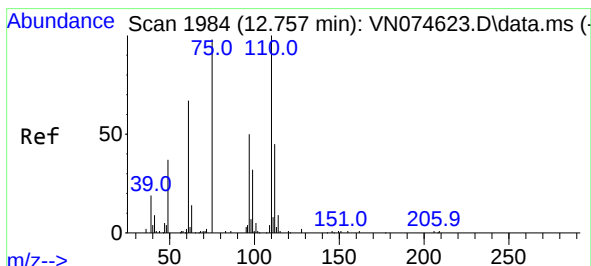
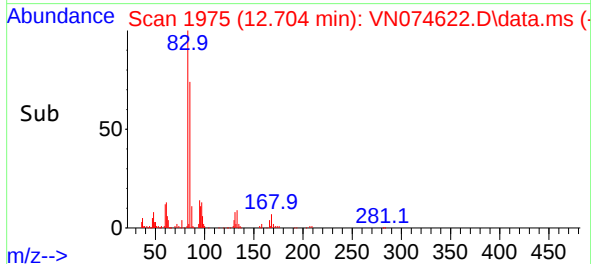
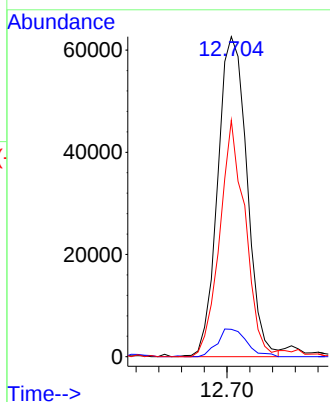
Tgt Ion: 83 Resp: 111770
Ion Ratio Lower Upper
83 100
131 8.5 4.5 13.5
85 64.1 30.9 92.7

Manual Integrations
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Reviewed By :John
Carlone

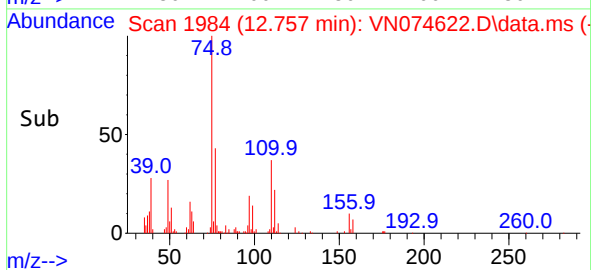
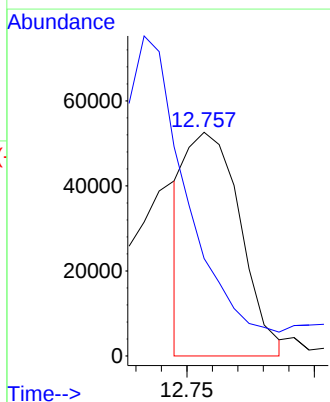
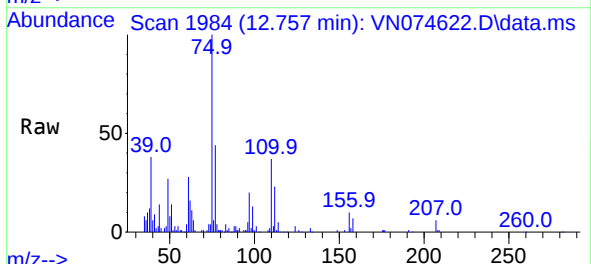
09/28/2022
Supervised By :Mahesh
Dadoda

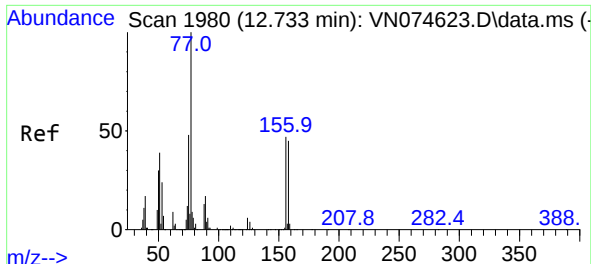
09/28/2022



#72
1,2,3-Trichloropropane
Concen: 2.926 ug/l m
RT: 12.757 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Tgt Ion: 75 Resp: 78719
Ion Ratio Lower Upper
75 100
77 196.2 0.0 372.4





#73
Bromobenzene
Concen: 4.579 ug/l
RT: 12.733 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

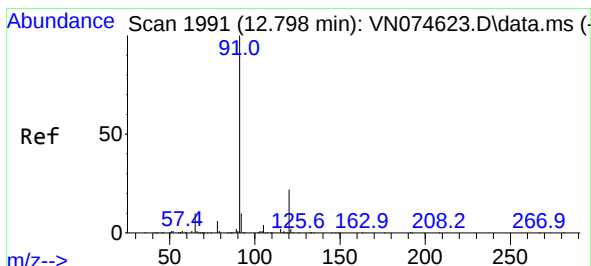
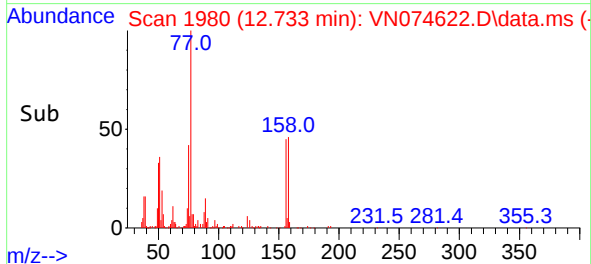
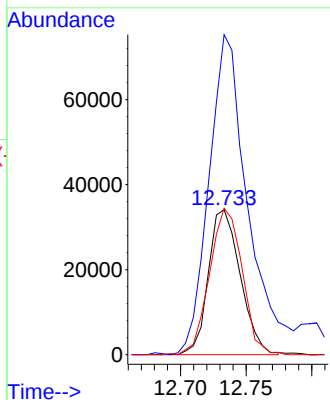
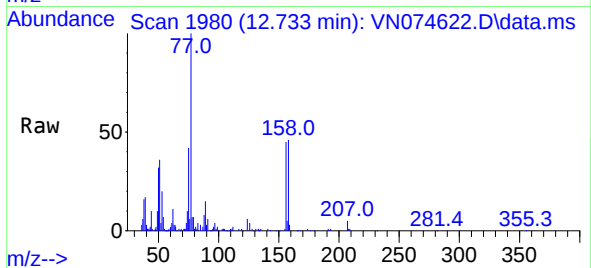
Tgt Ion:156 Resp: 5769
Ion Ratio Lower Upper
156 100
77 267.8 0.0 491.8
158 103.2 0.0 185.0

Manual Integrations
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Reviewed By :John
Carlone

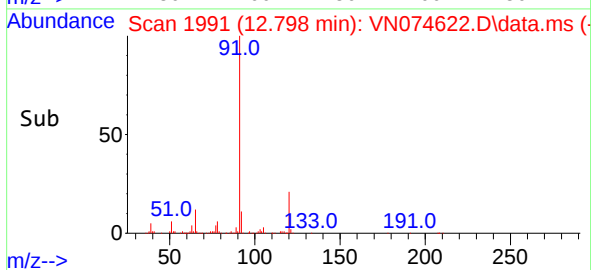
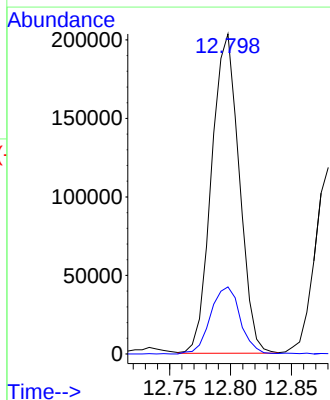
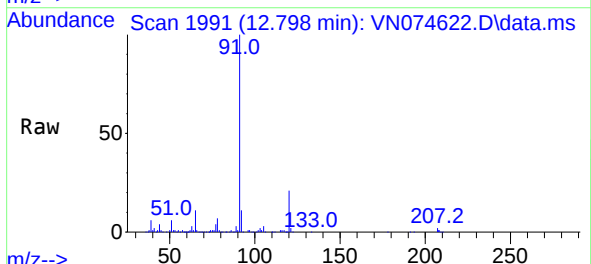
09/28/2022
Supervised By :Mahesh
Dadoda

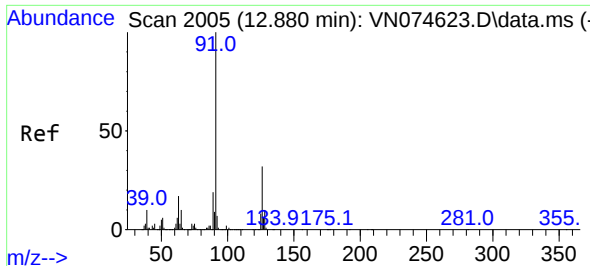
09/28/2022



#74
n-propylbenzene
Concen: 4.560 ug/l
RT: 12.798 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

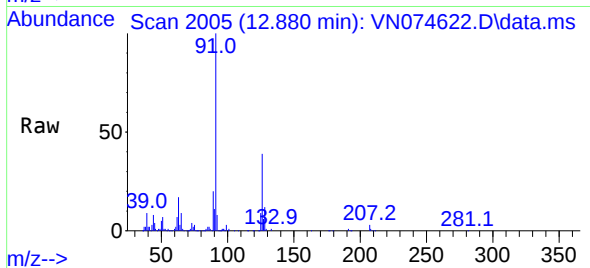
Tgt Ion: 91 Resp: 322187
Ion Ratio Lower Upper
91 100
120 22.5 0.0 44.6





#75
2-Chlorotoluene
Concen: 4.635 ug/l
RT: 12.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



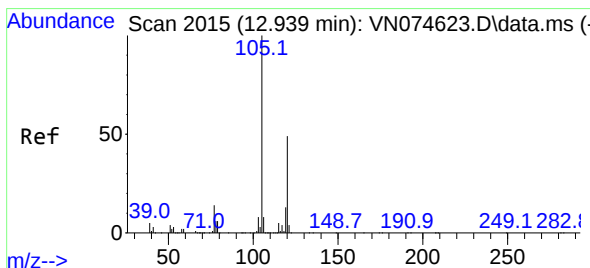
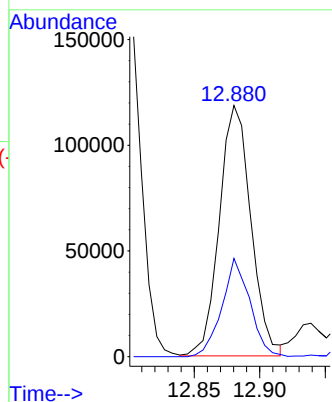
Tgt Ion: 91 Resp: 198652
Ion Ratio Lower Upper
91 100
126 34.7 0.0 66.2

Manual Integrations
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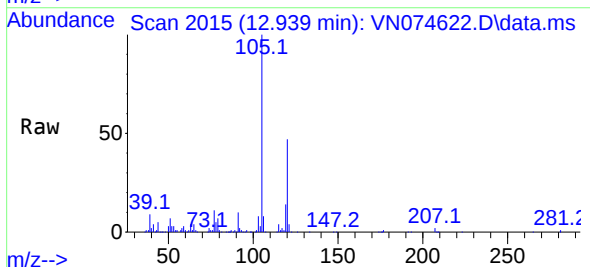
Reviewed By :John
Carlone

09/28/2022
Supervised By :Mahesh
Dadoda

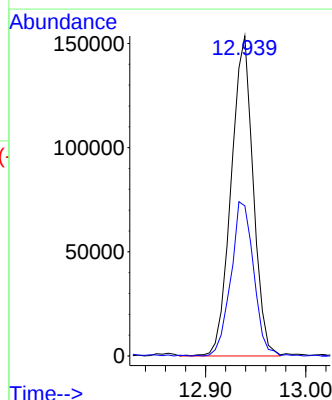
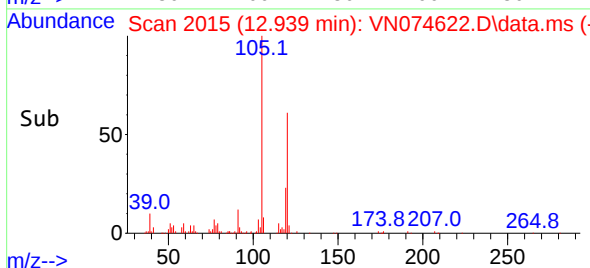
09/28/2022

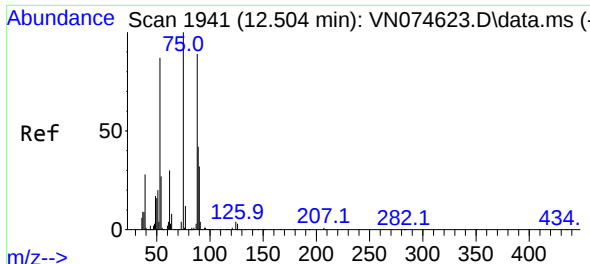


#76
1,3,5-Trimethylbenzene
Concen: 4.434 ug/l
RT: 12.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04



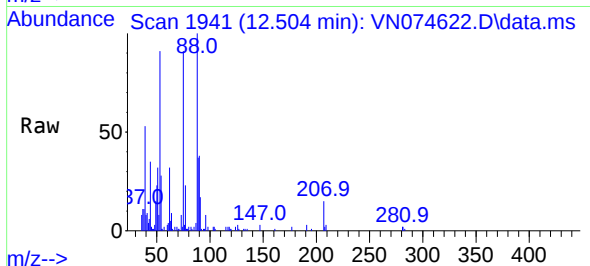
Tgt Ion:105 Resp: 234448
Ion Ratio Lower Upper
105 100
120 49.7 0.0 97.4





#77
t-1,4-Dichloro-2-butene
Concen: 4.372 ug/l
RT: 12.504 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



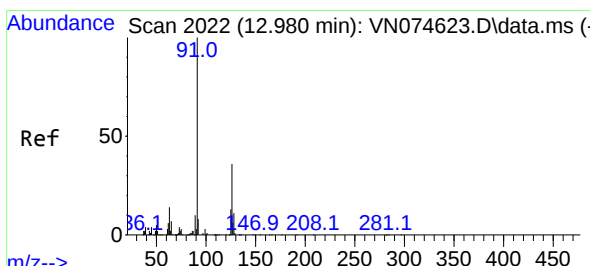
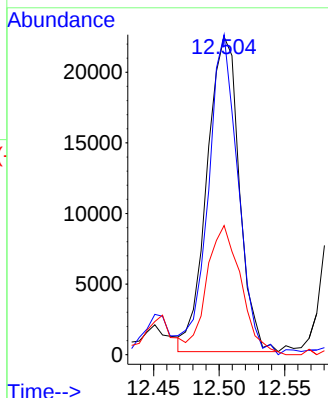
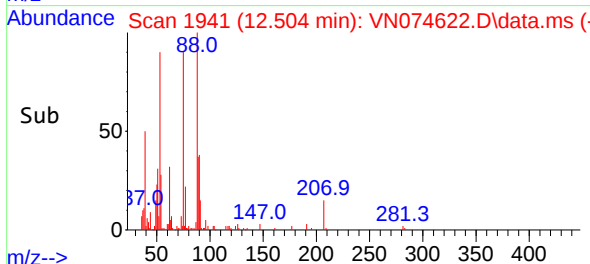
Tgt Ion: 75 Resp: 3815
Ion Ratio Lower Upper
75 100
53 101.6 43.3 129.9
89 40.1 21.1 63.1

Manual Integrations
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Reviewed By :John
Carlone

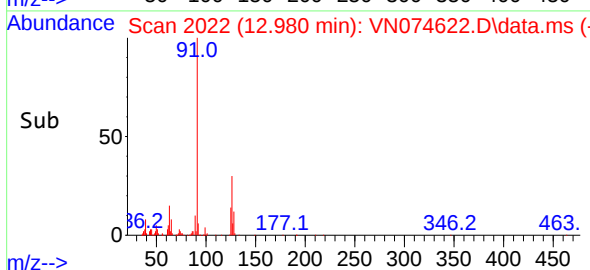
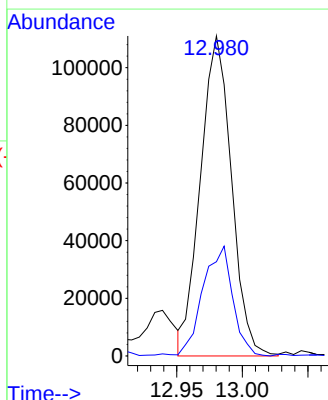
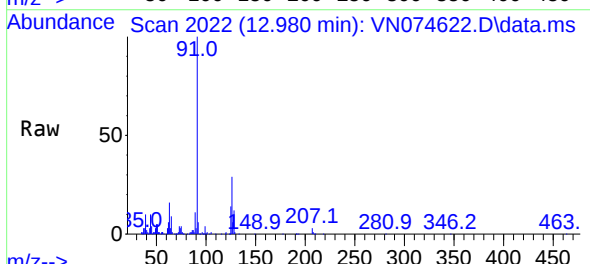
09/28/2022
Supervised By :Mahesh
Dadoda

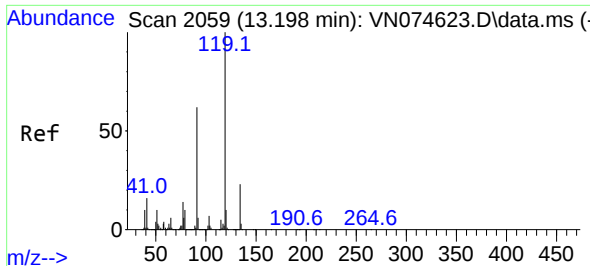
09/28/2022



#78
4-Chlorotoluene
Concen: 4.256 ug/l
RT: 12.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

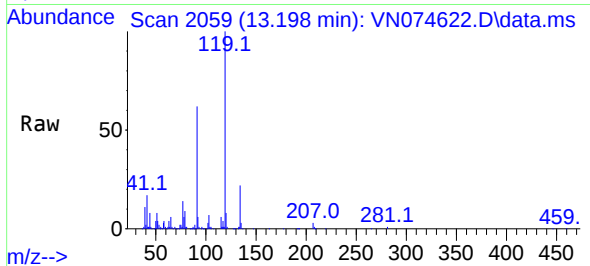
Tgt Ion: 91 Resp: 182805
Ion Ratio Lower Upper
91 100
126 32.9 0.0 67.8





#79
tert-butylbenzene
Concen: 4.537 ug/l
RT: 13.198 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



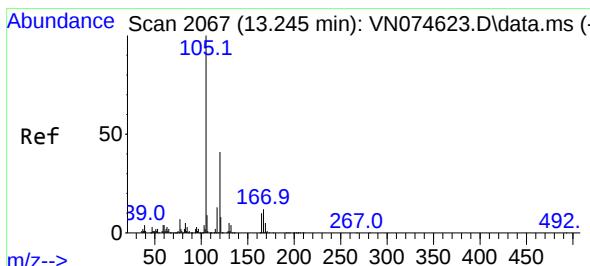
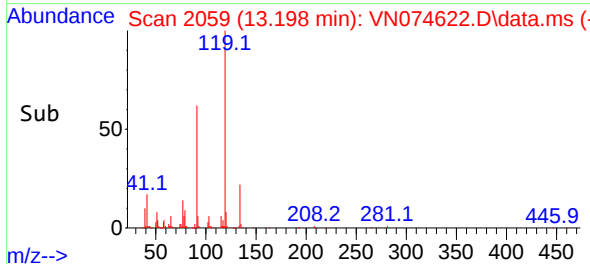
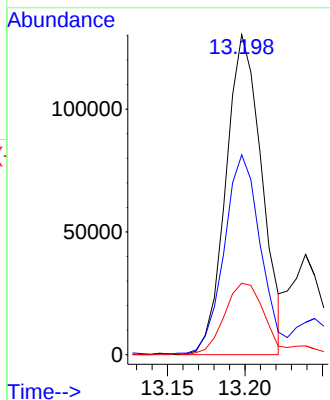
Tgt Ion:119 Resp: 209880
Ion Ratio Lower Upper
119 100
91 63.4 0.0 129.0
134 24.6 0.0 52.2

Manual Integrations
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Reviewed By :John
Carlone

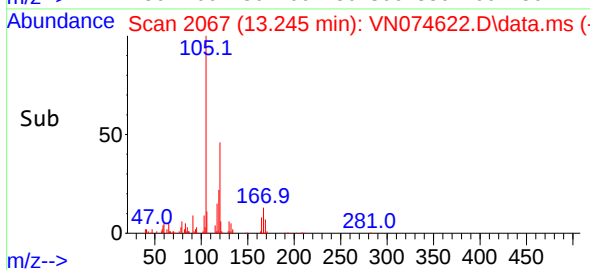
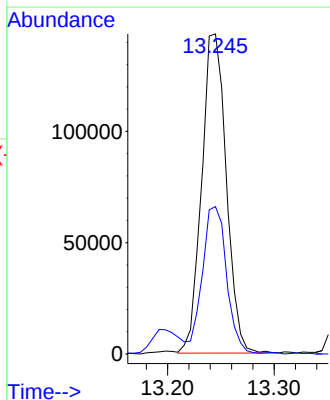
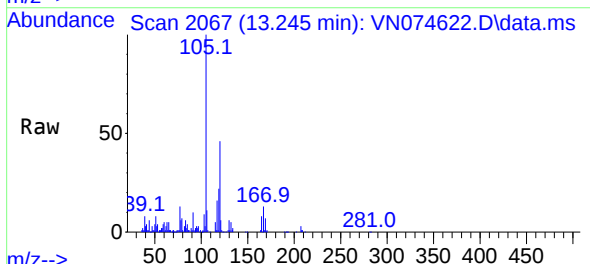
09/28/2022
Supervised By :Mahesh
Dadoda

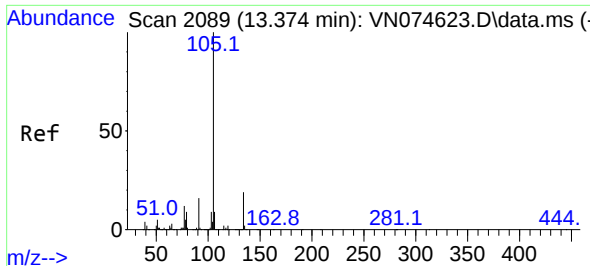
09/28/2022



#80
1,2,4-Trimethylbenzene
Concen: 4.417 ug/l
RT: 13.245 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

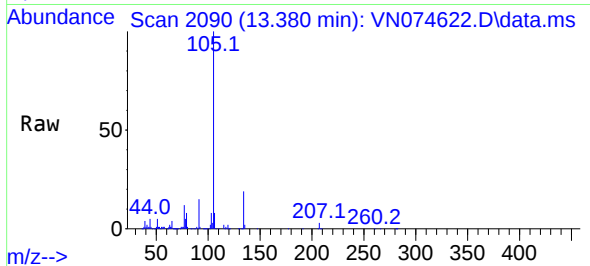
Tgt Ion:105 Resp: 230648
Ion Ratio Lower Upper
105 100
120 45.5 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 4.364 ug/l
 RT: 13.380 min Scan# 2089
 Delta R.T. 0.006 min
 Lab File: VN074622.D
 Acq: 27 Sep 2022 12:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



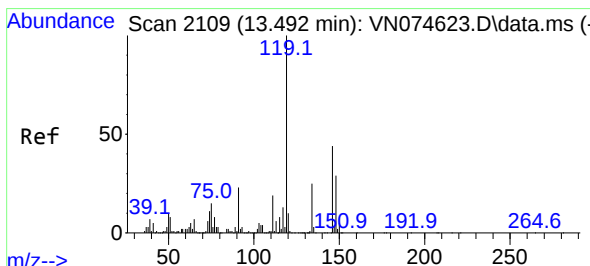
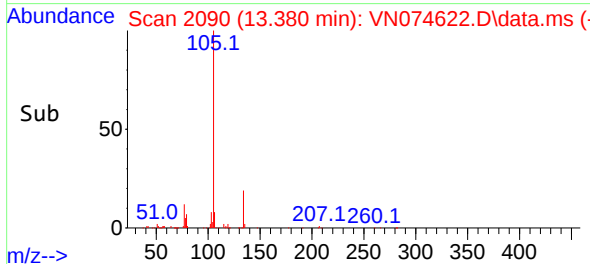
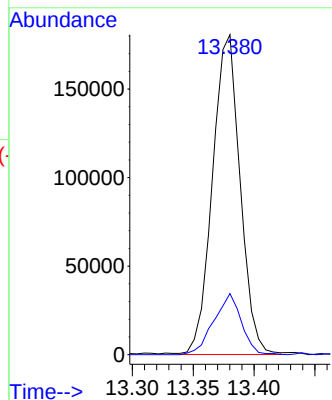
Tgt Ion:105 Resp: 28563
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 38.8

Manual Integrations
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Reviewed By :John
 Carlone

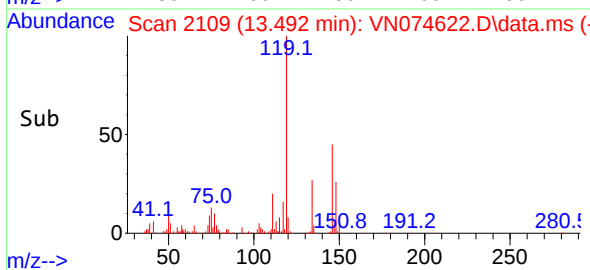
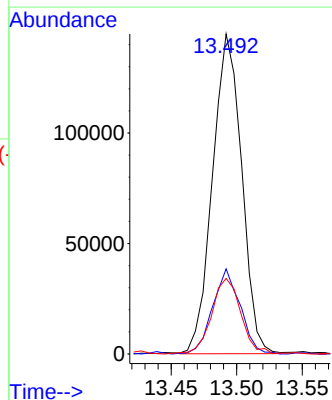
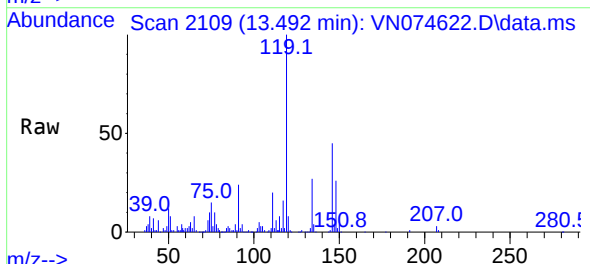
09/28/2022
 Supervised By :Mahesh
 Dadoda

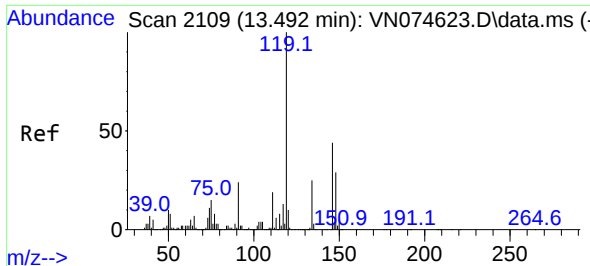
09/28/2022



#82
 p-Isopropyltoluene
 Concen: 4.151 ug/l
 RT: 13.492 min Scan# 2109
 Delta R.T. -0.000 min
 Lab File: VN074622.D
 Acq: 27 Sep 2022 12:04

Tgt Ion:119 Resp: 223604
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 51.4
 91 23.6 0.0 46.8





#83
1,3-Dichlorobenzene
Concen: 4.036 ug/l
RT: 13.492 min Scan# 2109
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

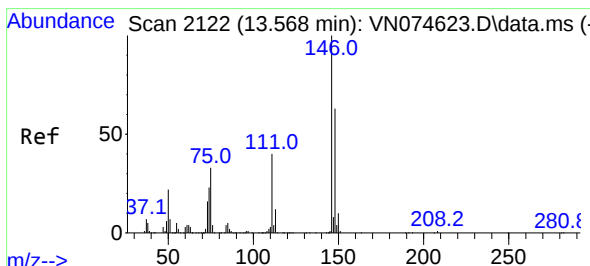
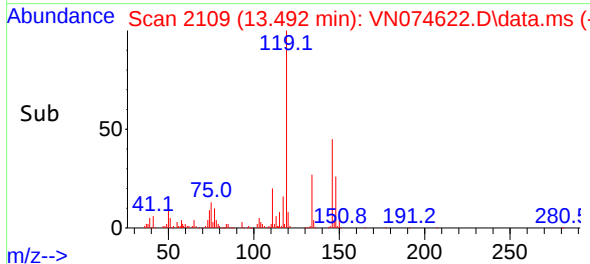
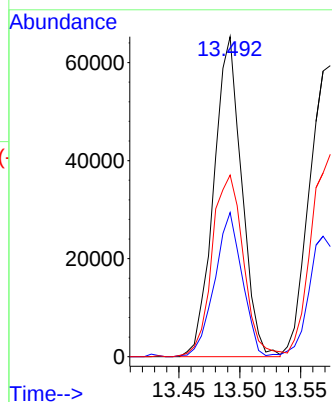
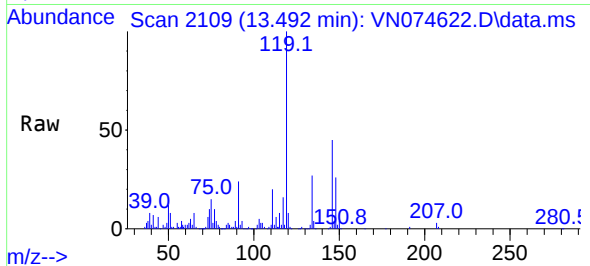
Tgt Ion:146 Resp: 10451
Ion Ratio Lower Upper
146 100
111 44.3 20.5 61.5
148 63.8 31.0 93.0

Manual Integrations
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Reviewed By :John
Carlone

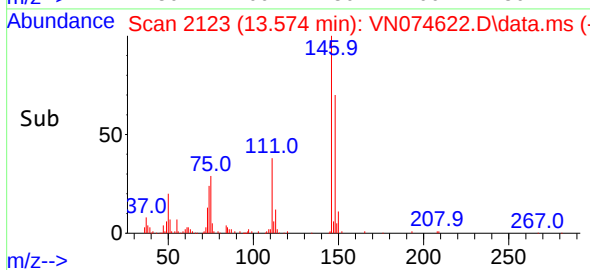
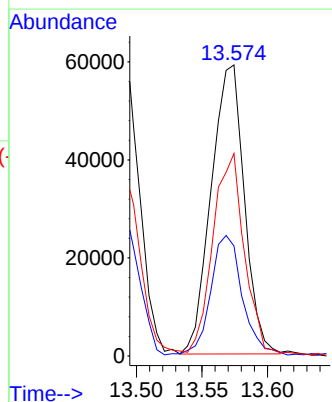
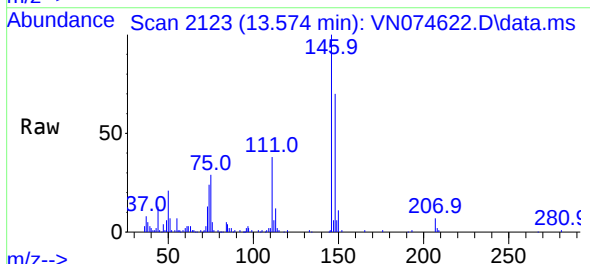
09/28/2022
Supervised By :Mahesh
Dadoda

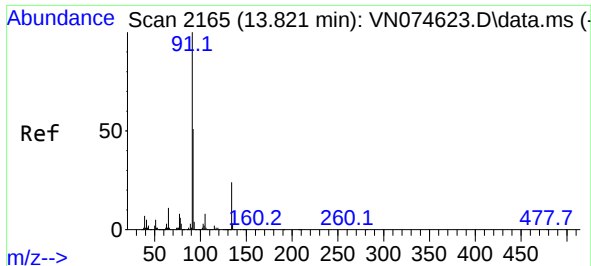
09/28/2022



#84
1,4-Dichlorobenzene
Concen: 4.025 ug/l
RT: 13.574 min Scan# 2123
Delta R.T. 0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

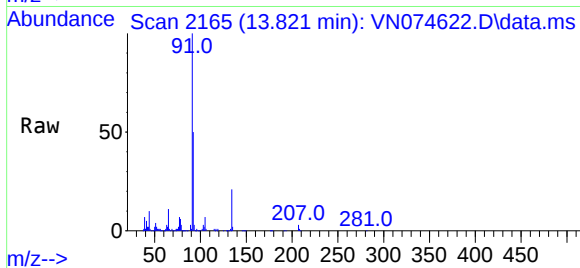
Tgt Ion:146 Resp: 103660
Ion Ratio Lower Upper
146 100
111 40.4 19.1 57.5
148 64.0 31.7 95.1





#85
n-Butylbenzene
Concen: 4.314 ug/l
RT: 13.821 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



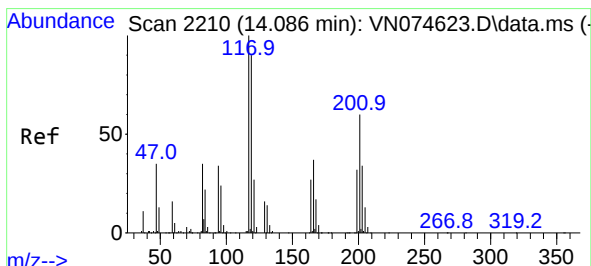
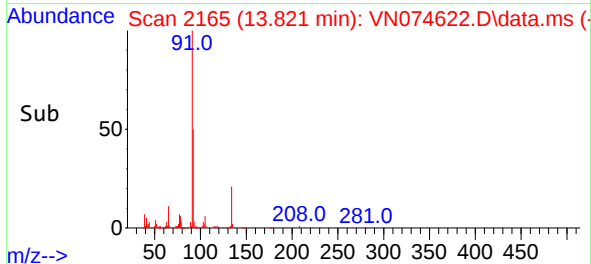
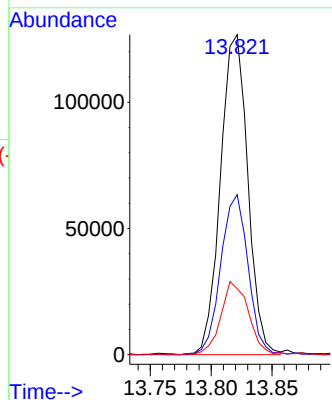
Tgt Ion: 91 Resp: 19828
Ion Ratio Lower Upper
91 100
92 49.9 0.0 105.4
134 23.0 0.0 46.4

Manual Integrations
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Reviewed By :John
Carlone

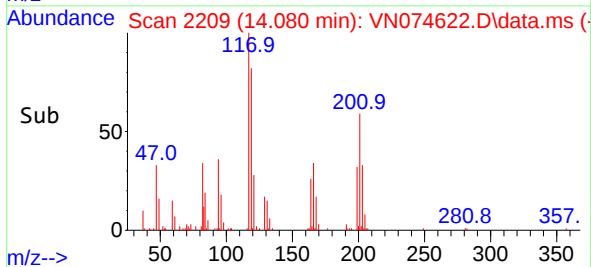
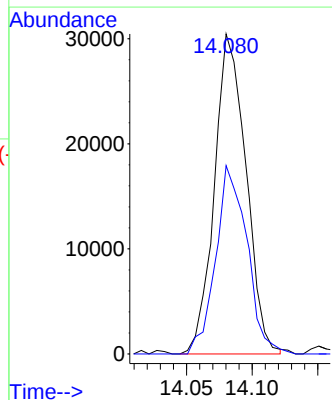
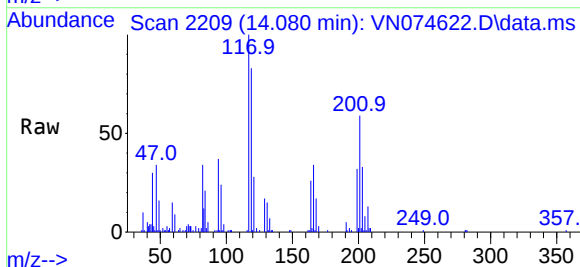
09/28/2022
Supervised By :Mahesh
Dadoda

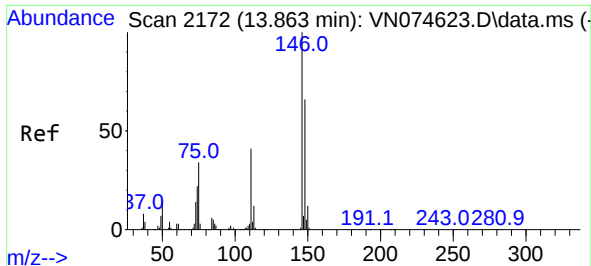
09/28/2022



#86
Hexachloroethane
Concen: 4.915 ug/l
RT: 14.080 min Scan# 2209
Delta R.T. -0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Tgt Ion:117 Resp: 50999
Ion Ratio Lower Upper
117 100
201 58.3 29.4 88.3





#87

1,2-Dichlorobenzene

Concen: 4.180 ug/l

RT: 13.863 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VN074622.D

Acq: 27 Sep 2022 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:	146	Resp:	11072
Ion Ratio	Lower	Upper	
146	100		
111	40.1	21.4	64.2
148	60.3	30.6	92.0

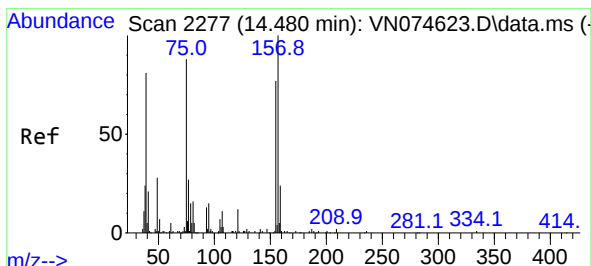
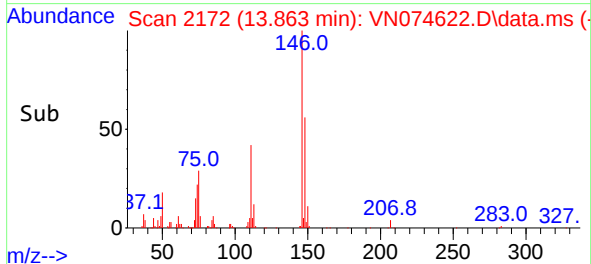
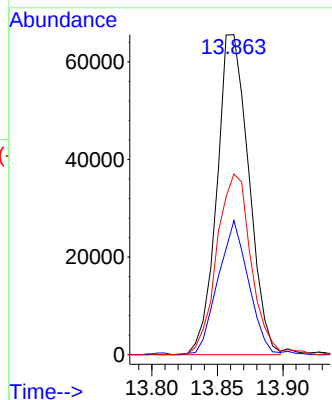
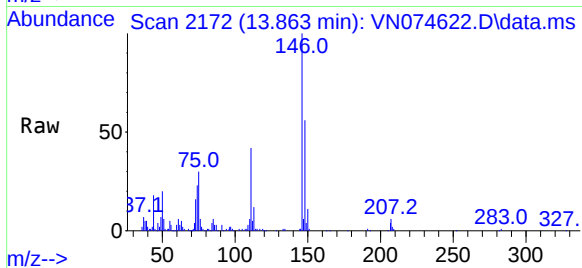
Manual Integrations
APPROVED

Reviewed By :John
Carlone

09/28/2022

Supervised By :Mahesh
Dadoda

09/28/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 4.470 ug/l

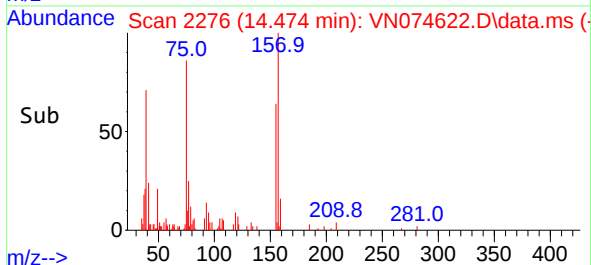
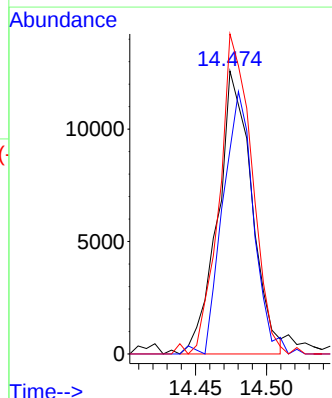
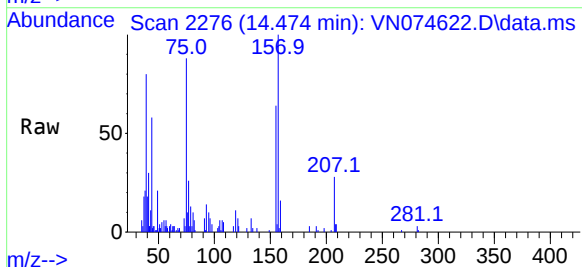
RT: 14.474 min Scan# 2276

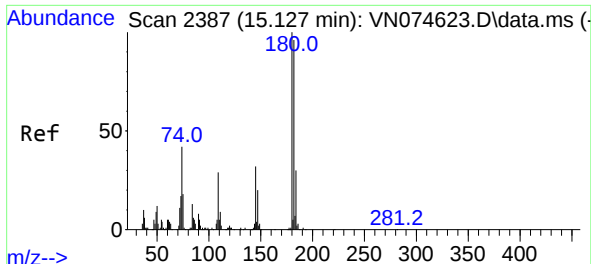
Delta R.T. -0.006 min

Lab File: VN074622.D

Acq: 27 Sep 2022 12:04

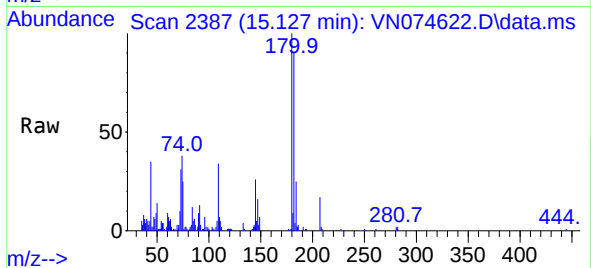
Tgt Ion:	75	Resp:	20838
Ion Ratio	Lower	Upper	
75	100		
155	83.1	66.3	99.5
157	108.4	84.3	126.5





#89
1,2,4-Trichlorobenzene
Concen: 4.275 ug/l
RT: 15.127 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



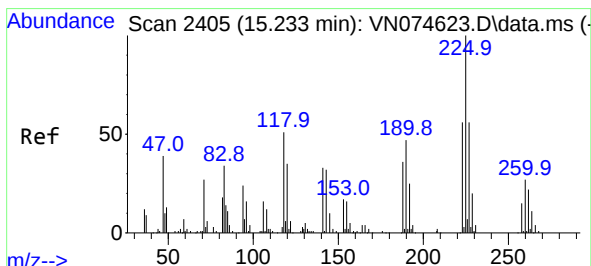
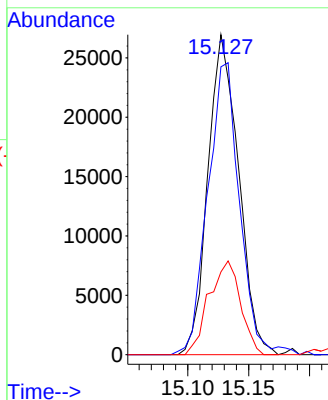
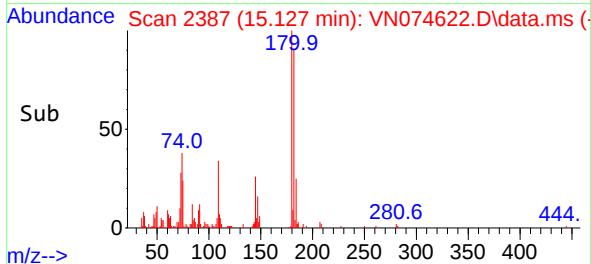
Tgt Ion:180 Resp: 47230
Ion Ratio Lower Upper
180 100
182 93.3 74.9 112.3
145 30.1 26.3 39.5

Manual Integrations
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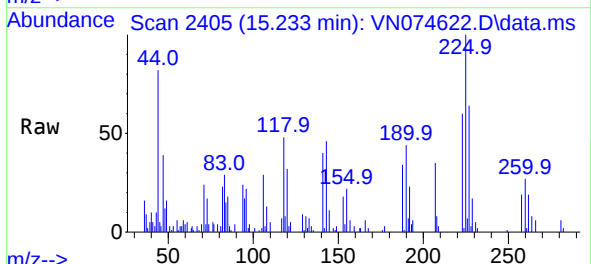
Reviewed By :John
Carlone

09/28/2022
Supervised By :Mahesh
Dadoda

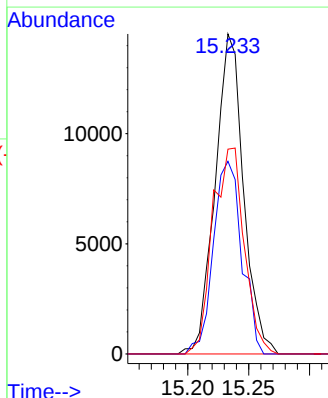
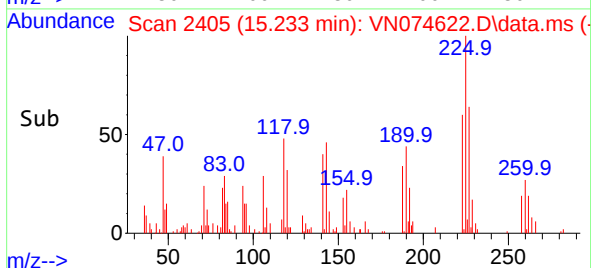
09/28/2022

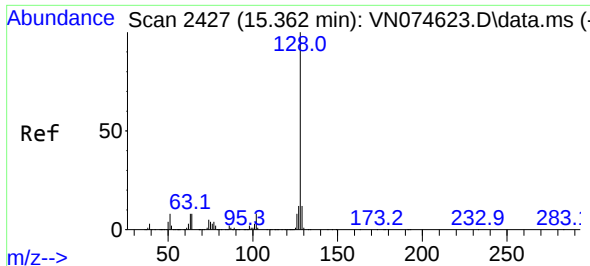


#90
Hexachlorobutadiene
Concen: 4.850 ug/l
RT: 15.233 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04



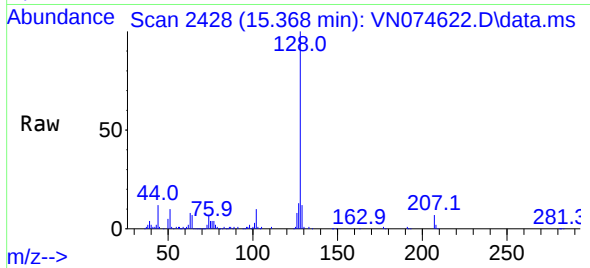
Tgt Ion:225 Resp: 23606
Ion Ratio Lower Upper
225 100
223 60.6 0.0 125.0
227 71.2 0.0 123.0





#91
Naphthalene
Concen: 3.848 ug/l
RT: 15.368 min Scan# 2427
Delta R.T. 0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



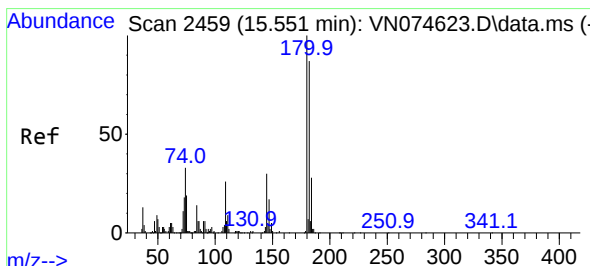
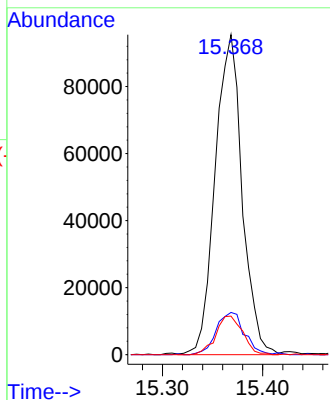
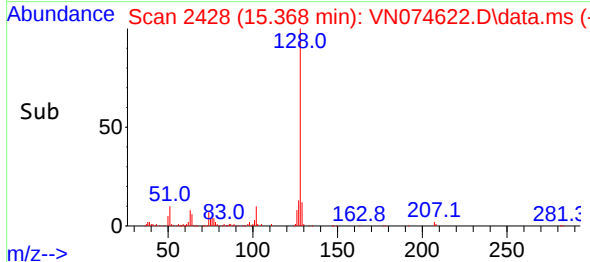
Tgt Ion:128 Resp: 17834
Ion Ratio Lower Upper
128 100
127 13.8 10.7 16.1
129 12.0 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

09/28/2022
Supervised By :Mahesh
Dadoda

09/28/2022



#92
1,2,3-Trichlorobenzene
Concen: 4.225 ug/l
RT: 15.557 min Scan# 2460
Delta R.T. 0.006 min
Lab File: VN074622.D
Acq: 27 Sep 2022 12:04

Tgt Ion:180 Resp: 46793
Ion Ratio Lower Upper
180 100
182 94.8 0.0 185.4
145 35.7 0.0 68.6

