

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050823\
 Data File : VN077610.D
 Acq On : 08 May 2023 11:22
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2023
 Supervised By : Mahesh Dadoda 05/09/2023

Quant Time: May 08 12:56:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon May 08 12:44:57 2023
 Response via : Initial Calibration

Supervised By : Mahesh
 Dadoda
 05/09/2023

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

Internal Standards						
1) Bromochloromethane	7.819	128	113889	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.101	114	638494	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	596966	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	245918	30.026	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.100%			
60) 4-Bromofluorobenzene	12.854	95	283626	29.880	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.600%			
63) Toluene-d8	10.572	98	821838	29.807	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.367%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	147870	19.775	ug/l	97
3) Chloromethane	2.372	50	107371	18.894	ug/l	97
4) Vinyl Chloride	2.525	62	163923	18.747	ug/l	96
5) Bromomethane	2.972	94	109538	18.793	ug/l	96
6) Chloroethane	3.131	64	103245	18.073	ug/l	98
7) Trichlorofluoromethane	3.507	101	236045	19.849	ug/l	89
8) Diethyl Ether	3.966	74	68124	18.204	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.378	101	117053m	18.246	ug/l	
10) 1,1-Dichloroethene	4.354	96	110725	18.248	ug/l	90
11) Methyl Iodide	4.601	142	172917	18.322	ug/l	92
12) Methyl Acetate	5.037	43	140629	19.172	ug/l #	84
13) Acrolein	4.190	56	80598	89.704	ug/l	98
14) Acrylonitrile	5.725	53	214145	95.976	ug/l	98
15) Acetone	4.431	58	64668m	95.223	ug/l	
16) Carbon Disulfide	4.719	76	258602	17.741	ug/l	98
17) Allyl chloride	5.031	41	115570	18.454	ug/l	97
18) Methylene Chloride	5.278	84	134147	18.190	ug/l #	87
19) trans-1,2-Dichloroethene	5.801	96	128360	18.803	ug/l #	94
20) Diisopropyl ether	6.678	45	302401	19.740	ug/l #	91
21) 1,1-Dichloroethane	6.578	63	214200	19.062	ug/l	99
22) cis-1,2-Dichloroethene	7.495	96	157973	19.205	ug/l	93
23) tert-Butyl Alcohol	5.531	59	85591	97.807	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	400153	19.482	ug/l	95
25) Chloroform	7.972	83	260826	19.473	ug/l	95
26) Cyclohexane	8.266	56	175804	19.058	ug/l #	96
29) 1,1-Dichloropropene	8.378	75	179615	19.541	ug/l	97
30) 2-Butanone	7.490	43	255132	104.133	ug/l	90
31) 2,2-Dichloropropane	7.495	77	208573	19.477	ug/l	100
32) 1,1,1-Trichloroethane	8.172	97	232146	19.515	ug/l	97
33) Carbon Tetrachloride	8.366	117	200444	19.925	ug/l	94
34) Benzene	8.607	78	555768	20.025	ug/l	95
35) Methacrylonitrile	7.784	41	61032	21.946	ug/l	86
36) 1,2-Dichloroethane	8.678	62	185724	20.072	ug/l	98
37) Trichloroethene	9.354	130	140182	19.539	ug/l	94
38) Methylcyclohexane	9.601	83	228615	19.317	ug/l	94
39) 1,2-Dichloropropane	9.625	63	129954	20.224	ug/l	95
40) Dibromomethane	9.713	93	101184	19.973	ug/l	94
41) Bromodichloromethane	9.889	83	205826	20.177	ug/l	99
42) Vinyl Acetate	6.613	43	928868m	112.836	ug/l	

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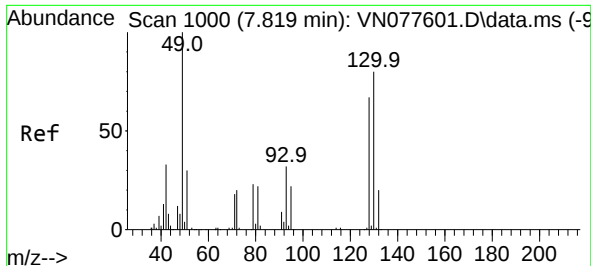
Reviewed By : John Carlone 05/09/2023
 Supervised By : Mahesh Dadoda 05/09/2023

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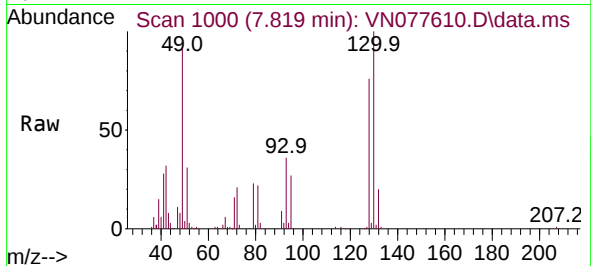
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	105448	20.058	ug/l	97
44) Isopropyl Acetate	8.689	43	195577	20.282	ug/l	90
45) 1,4-Dioxane	9.695	88	45981	383.683	ug/l	91
46) Methyl methacrylate	9.689	41	93487	21.592	ug/l	94
47) n-amyl Acetate	12.495	43	170965	20.590	ug/l	98
48) t-1,3-Dichloropropene	10.836	75	201447	19.588	ug/l	99
49) cis-1,3-Dichloropropene	10.313	75	222753	19.762	ug/l	96
50) 1,1,2-Trichloroethane	11.019	97	148278	20.325	ug/l	88
51) Ethyl methacrylate	10.878	69	191379	20.321	ug/l	91
52) 1,3-Dichloropropane	11.166	76	236535	20.052	ug/l	99
53) Dibromochloromethane	11.360	129	154975	20.417	ug/l	98
54) 1,2-Dibromoethane	11.472	107	148887	20.545	ug/l	96
55) 2-Chloroethyl vinyl ether	10.160	63	452260	106.195	ug/l	98
56) Bromoform	12.583	173	89568	20.055	ug/l	98
58) 4-Methyl-2-Pentanone	10.448	43	565716	102.906	ug/l #	94
59) 2-Hexanone	11.201	43	398623	100.450	ug/l	91
61) Tetrachloroethene	11.107	164	111487	19.307	ug/l	95
62) Toluene	10.636	91	631176	19.097	ug/l	100
64) Chlorobenzene	11.895	112	390470	19.211	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.960	131	148051	20.191	ug/l	98
66) Ethyl Benzene	11.966	91	714097	19.500	ug/l	99
67) m/p-Xylenes	12.072	106	561664	38.982	ug/l	96
68) o-Xylene	12.401	106	277396	19.536	ug/l	94
69) Styrene	12.413	104	436870	19.242	ug/l	98
70) Isopropylbenzene	12.695	105	713812	19.355	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.942	83	192359	19.449	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	164683m	19.015	ug/l	
73) Bromobenzene	12.983	156	148630	19.273	ug/l	92
74) n-propylbenzene	13.036	91	776447	18.829	ug/l	99
75) 2-Chlorotoluene	13.124	91	481622	19.311	ug/l	100
76) 1,3,5-Trimethylbenzene	13.177	105	553416	18.987	ug/l	100
77) t-1,4-Dichloro-2-butene	12.736	75	55563	19.381	ug/l	91
78) 4-Chlorotoluene	13.224	91	460269	18.901	ug/l	99
79) tert-butylbenzene	13.442	119	492000	18.848	ug/l	98
80) 1,2,4-Trimethylbenzene	13.489	105	521628	18.441	ug/l	100
81) sec-Butylbenzene	13.619	105	670887	18.310	ug/l	100
82) p-Isopropyltoluene	13.730	119	534800	18.345	ug/l	98
83) 1,3-Dichlorobenzene	13.736	146	265859	18.565	ug/l	98
84) 1,4-Dichlorobenzene	13.813	146	255386	18.217	ug/l	98
85) n-Butylbenzene	14.060	91	402011	16.762	ug/l	99
86) Hexachloroethane	14.336	117	101219	18.630	ug/l	92
87) 1,2-Dichlorobenzene	14.107	146	262082	18.854	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.719	75	34923	19.431	ug/l	94
89) 1,2,4-Trichlorobenzene	15.401	180	77531	16.189	ug/l	99
90) Hexachlorobutadiene	15.507	225	44320	16.411	ug/l	93
91) Naphthalene	15.642	128	268423	16.407	ug/l	98
92) 1,2,3-Trichlorobenzene	15.842	180	71672	16.250	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

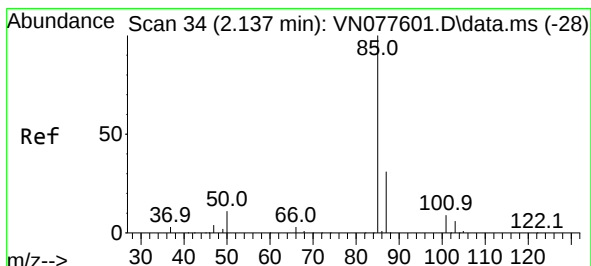
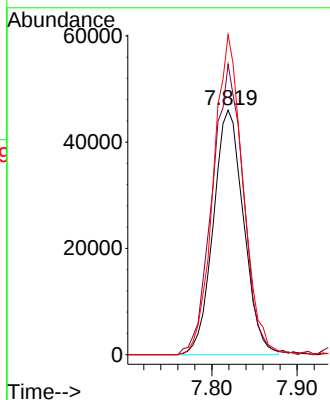
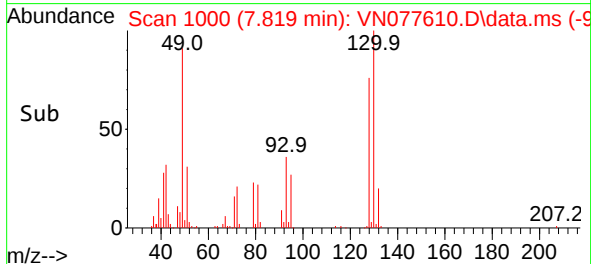


Tgt Ion:128 Resp: 113889
Ion Ratio Lower Upper
128 100
49 122.2 0.0 369.8
130 127.2 0.0 317.8

Manual Integrations
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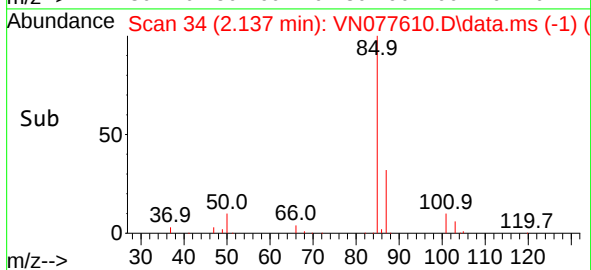
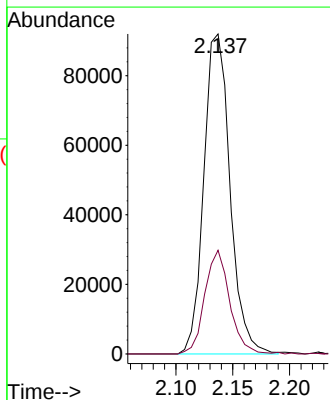
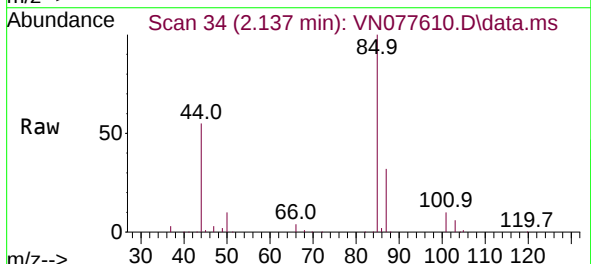
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

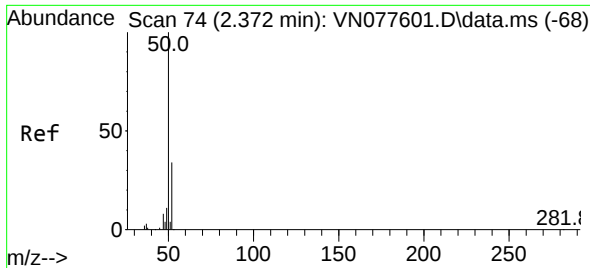
Supervised By :Mahesh
Dadoda
05/09/2023



#2
Dichlorodifluoromethane
Concen: 19.775 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

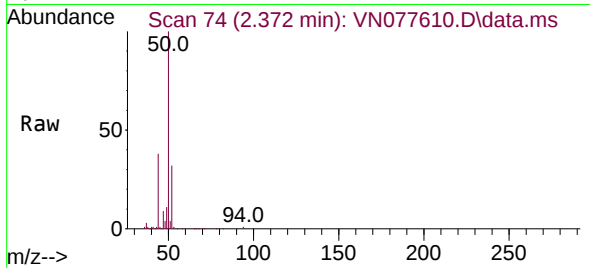
Tgt Ion: 85 Resp: 147870
Ion Ratio Lower Upper
85 100
87 32.4 15.3 45.9





#3
Chloromethane
Concen: 18.894 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

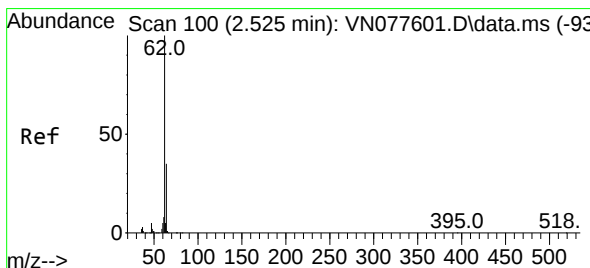
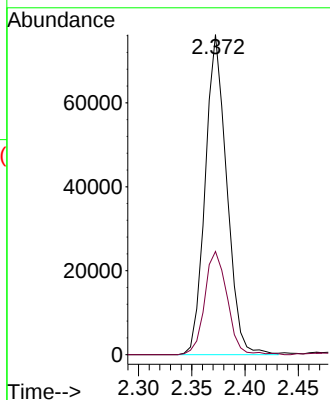
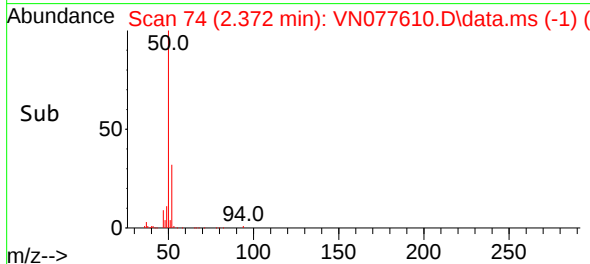
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MSVOA_N
ClientSampleId :
VSTDICCC020



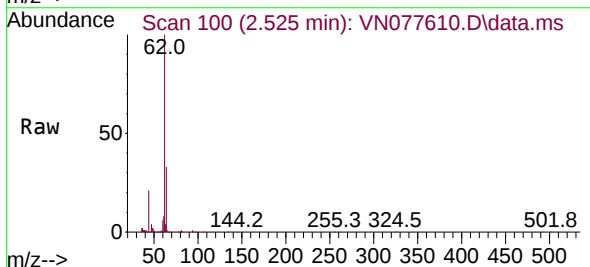
Tgt Ion: 50 Resp: 10737
Ion Ratio Lower Upper
50 100
52 32.3 27.3 40.9

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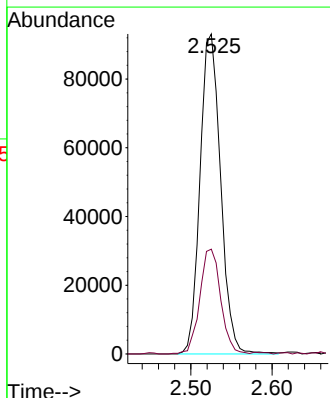
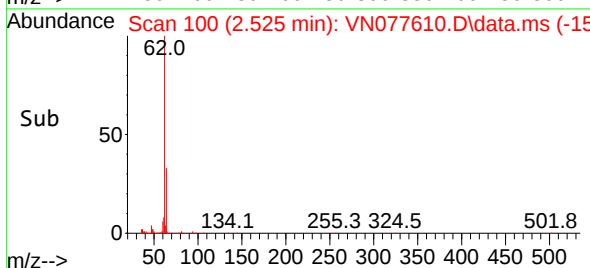
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

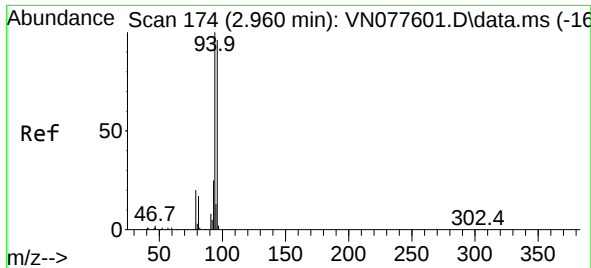


#4
Vinyl Chloride
Concen: 18.747 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22



Tgt Ion: 62 Resp: 163923
Ion Ratio Lower Upper
62 100
64 32.6 27.8 41.6





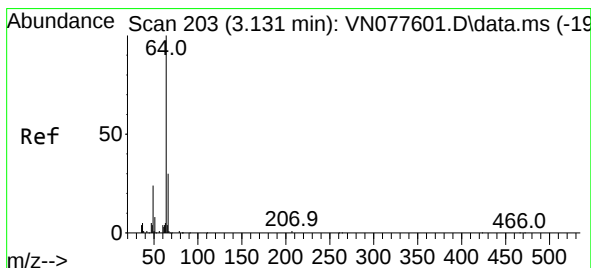
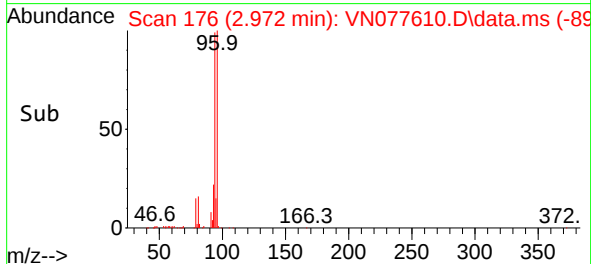
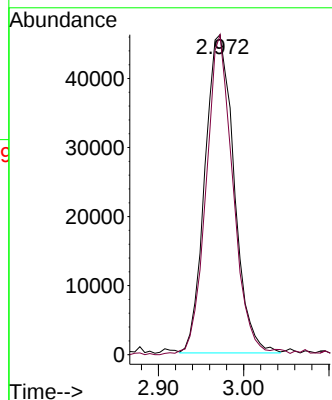
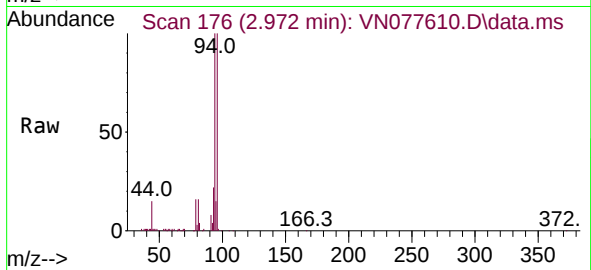
#5
Bromomethane
Concen: 18.793 ug/l
RT: 2.972 min Scan# 176
Delta R.T. 0.012 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 109538
Ion Ratio Lower Upper
94 100
96 99.5 76.7 115.1

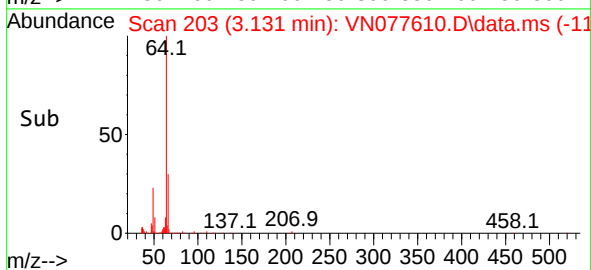
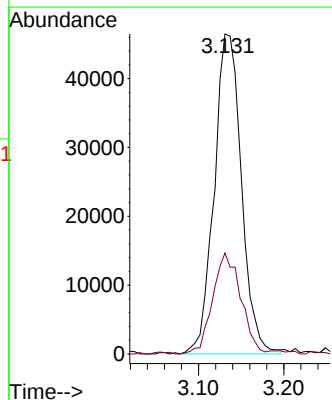
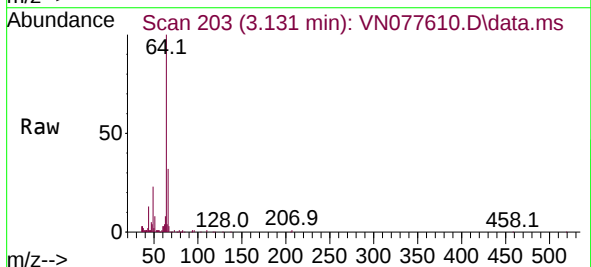
Manual Integrations
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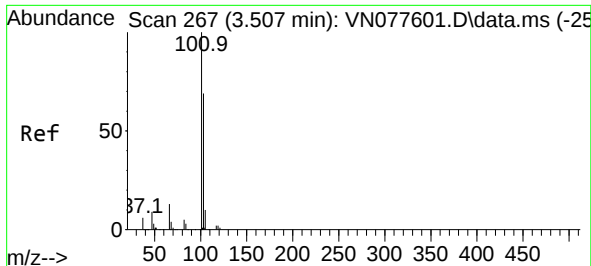
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#6
Chloroethane
Concen: 18.073 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

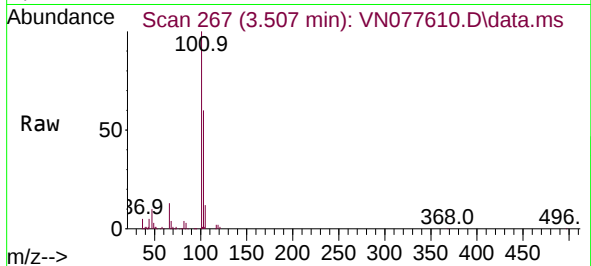
Tgt Ion: 64 Resp: 103245
Ion Ratio Lower Upper
64 100
66 31.6 24.2 36.4





#7
Trichlorofluoromethane
Concen: 19.849 ug/l
RT: 3.507 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

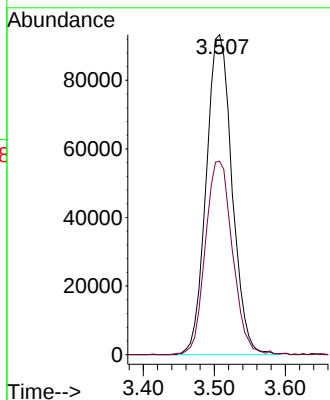
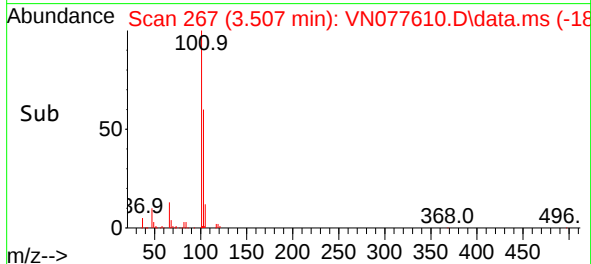
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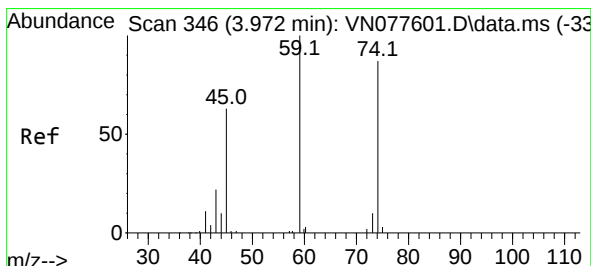
Tgt Ion:101 Resp: 23604
Ion Ratio Lower Upper
101 100
103 60.1 55.0 82.4

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Supervised By :Mahesh Dadoda 05/09/2023

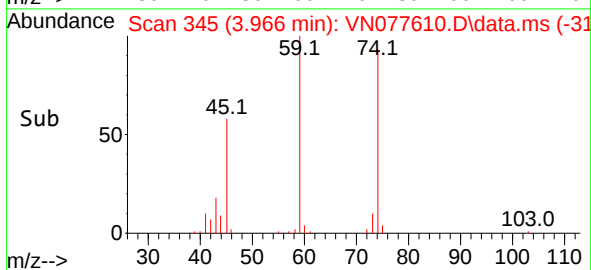
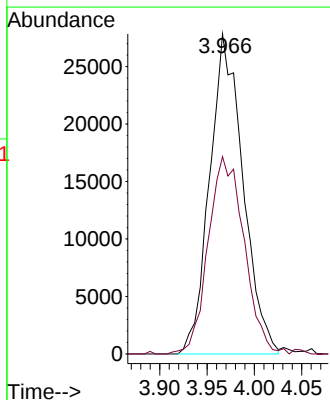
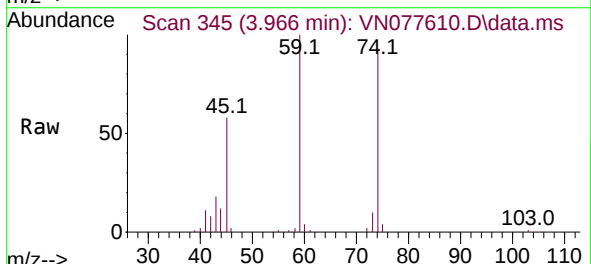


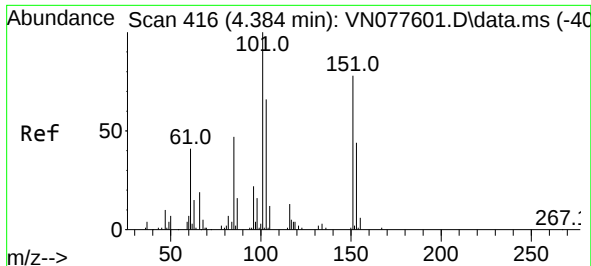
Supervised By :Mahesh
Dadoda
05/09/2023



#8
Diethyl Ether
Concen: 18.204 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Tgt Ion: 74 Resp: 68124
Ion Ratio Lower Upper
74 100
45 66.1 14.8 133.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.246 ug/l m
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

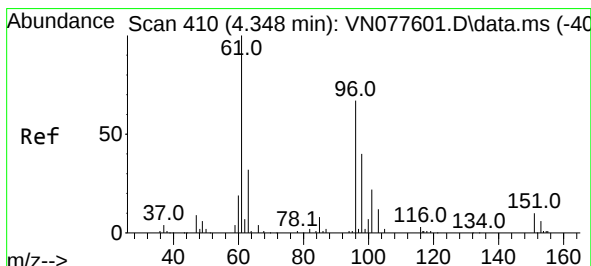
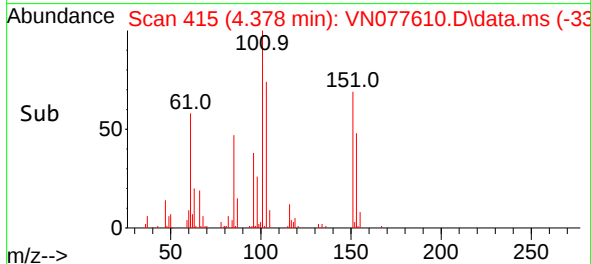
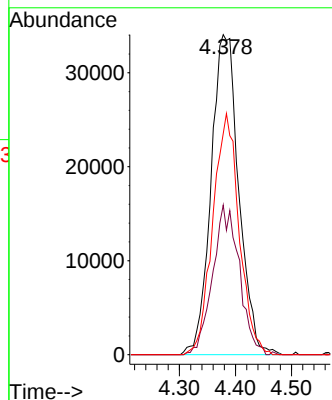
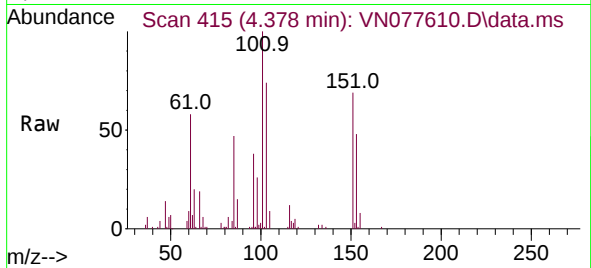
Instrument :
MSVOA_N
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VSTDICCC020

Tgt Ion:101 Resp: 11705
Ion Ratio Lower Upper
101 100
85 44.8 0.0 92.6
151 71.5 0.0 137.4

Manual Integrations
APPROVED

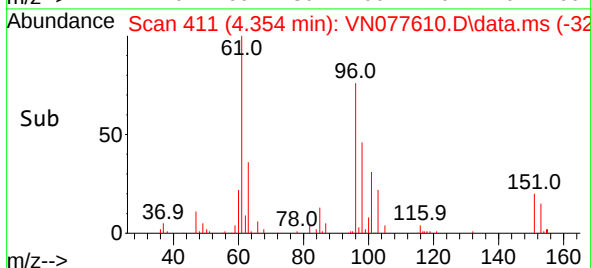
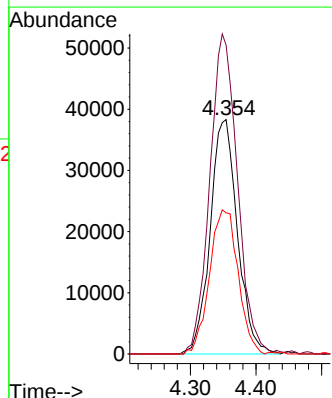
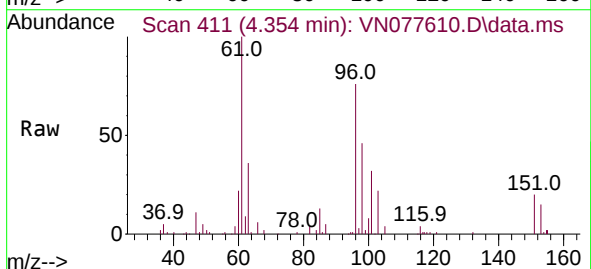
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

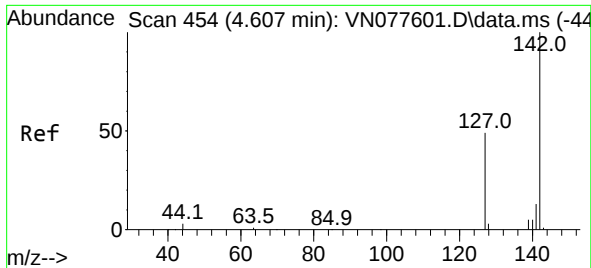
Supervised By :Mahesh
Dadoda
05/09/2023



#10
1,1-Dichloroethene
Concen: 18.248 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

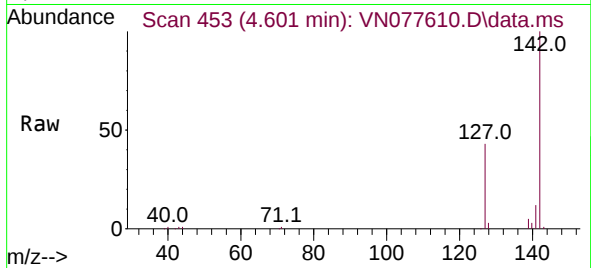
Tgt Ion: 96 Resp: 110725
Ion Ratio Lower Upper
96 100
61 131.7 120.1 180.1
98 60.2 48.3 72.5





#11
Methyl Iodide
Concen: 18.322 ug/l
RT: 4.601 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

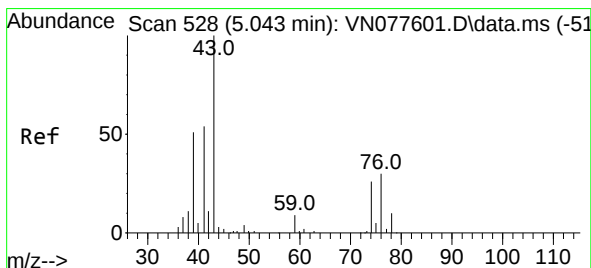
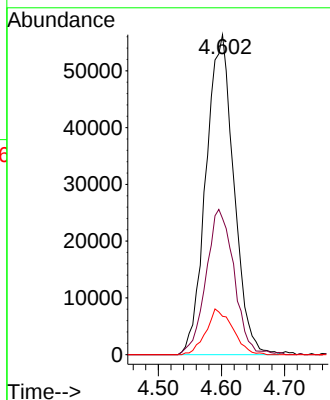
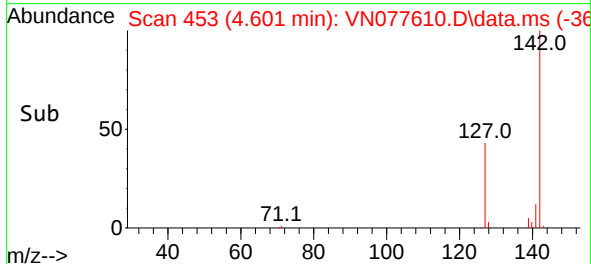


Tgt Ion:142 Resp: 172917
Ion Ratio Lower Upper
142 100
127 42.3 24.6 73.6
141 12.0 6.4 19.2

Manual Integrations
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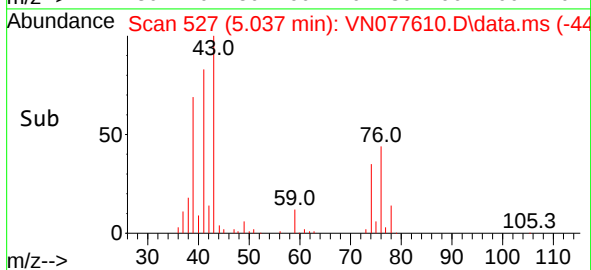
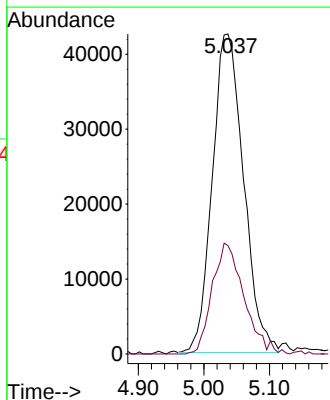
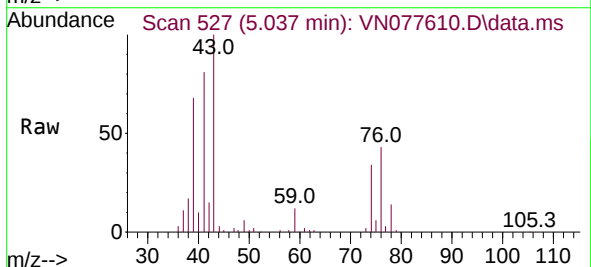
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

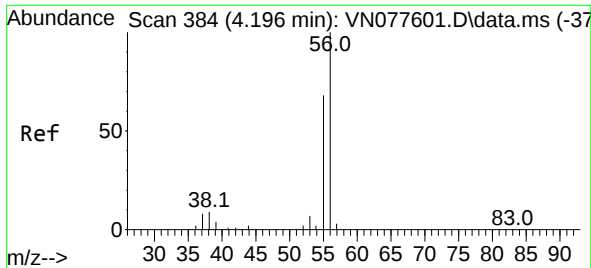
Supervised By :Mahesh
Dadoda
05/09/2023



#12
Methyl Acetate
Concen: 19.172 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

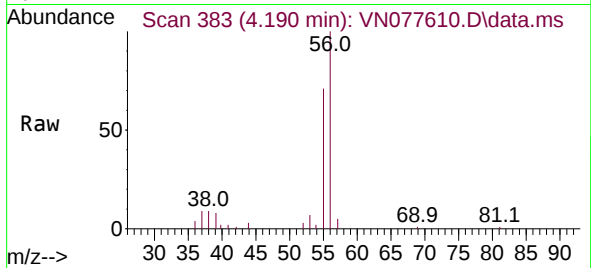
Tgt Ion: 43 Resp: 140629
Ion Ratio Lower Upper
43 100
74 34.0 20.6 31.0#





#13
Acrolein
Concen: 89.704 ug/l
RT: 4.190 min Scan# 384
Delta R.T. -0.006 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

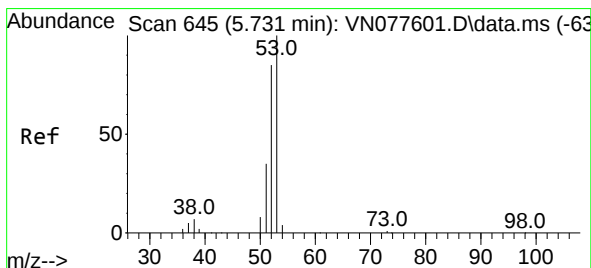
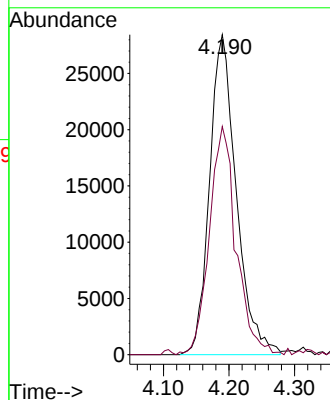


Tgt Ion: 56 Resp: 80598
Ion Ratio Lower Upper
56 100
55 70.4 54.8 82.2

Manual Integrations
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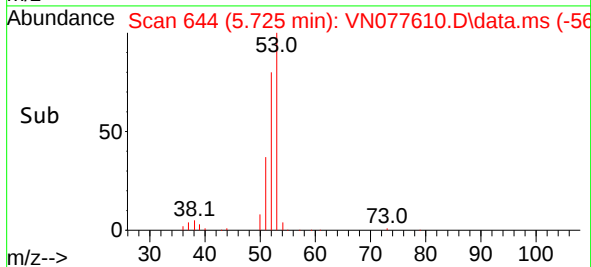
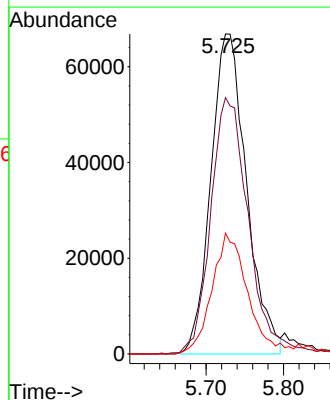
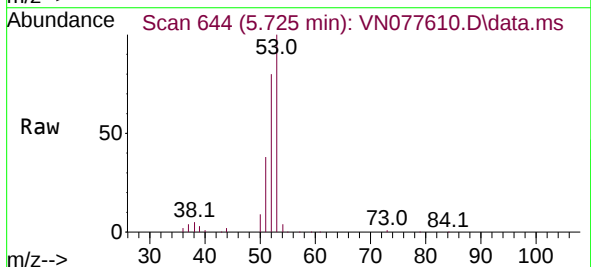
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

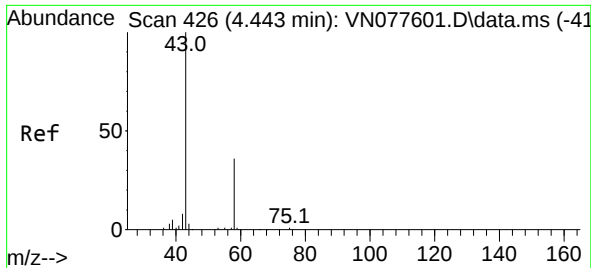
Supervised By :Mahesh
Dadoda
05/09/2023



#14
Acrylonitrile
Concen: 95.976 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

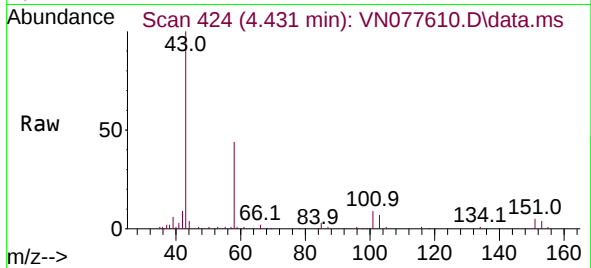
Tgt Ion: 53 Resp: 214145
Ion Ratio Lower Upper
53 100
52 84.4 41.6 124.8
51 37.7 17.6 52.9





#15
Acetone
Concen: 95.223 ug/l m
RT: 4.431 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

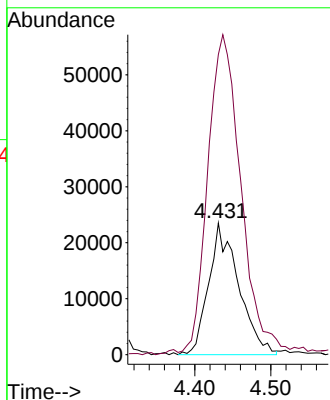
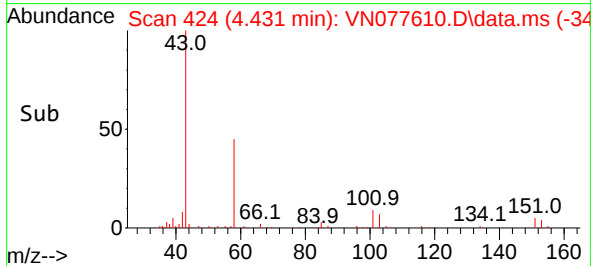
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



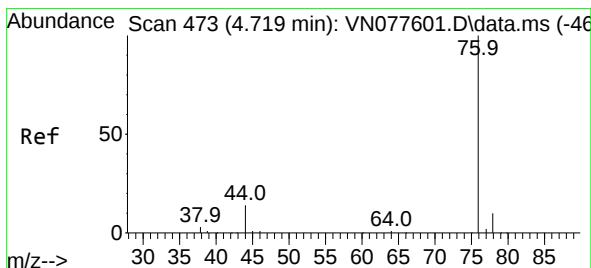
Tgt Ion: 58 Resp: 64668
Ion Ratio Lower Upper
58 100
43 227.9 223.2 334.8

Manual Integrations
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Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

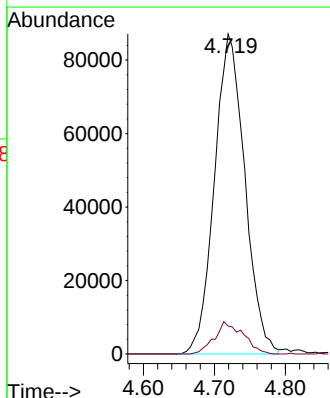
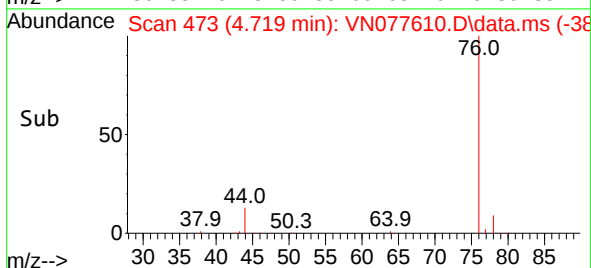
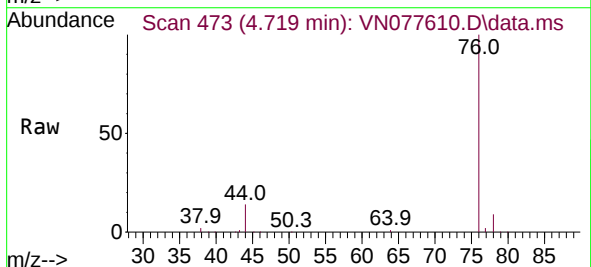


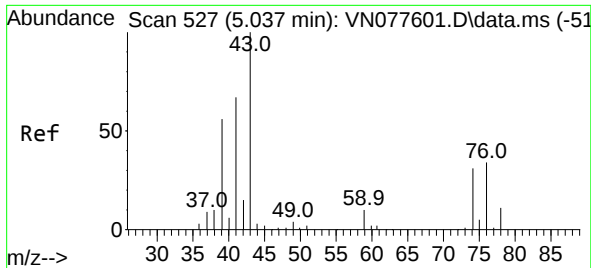
Supervised By :Mahesh
Dadoda
05/09/2023



#16
Carbon Disulfide
Concen: 17.741 ug/l
RT: 4.719 min Scan# 473
Delta R.T. 0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

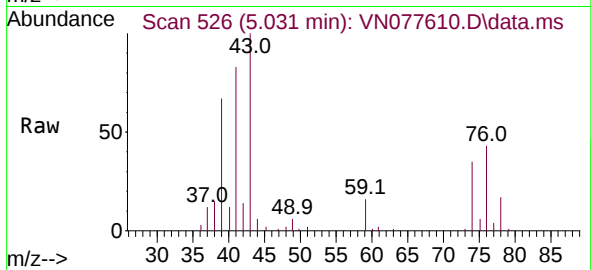
Tgt Ion: 76 Resp: 258602
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4





#17
 Allyl chloride
 Concen: 18.454 ug/l
 RT: 5.031 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN077610.D
 Acq: 08 May 2023 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

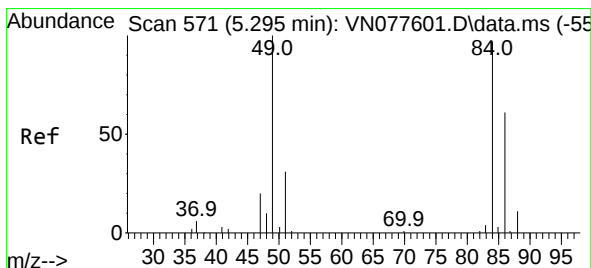
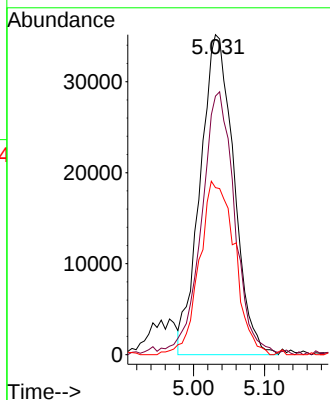
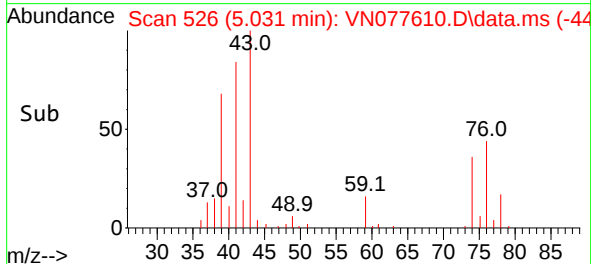


Tgt Ion: 41 Resp: 115570
 Ion Ratio Lower Upper
 41 100
 39 80.1 39.5 118.3
 76 51.4 23.4 70.3

Manual Integrations
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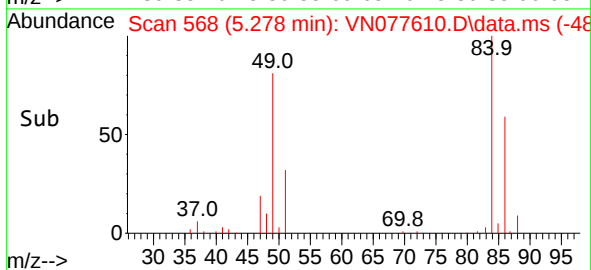
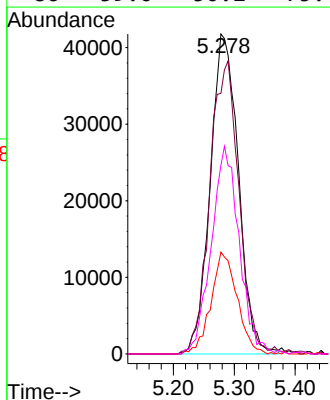
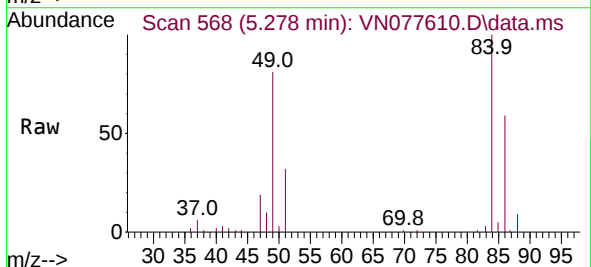
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/09/2023

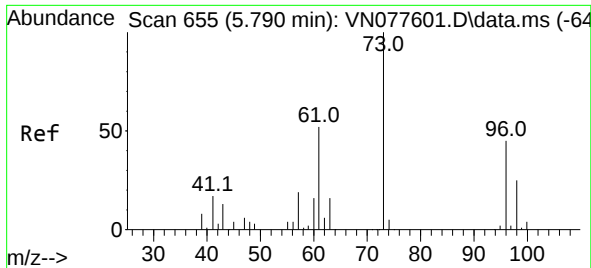
Supervised By :Mahesh
 Dadoda
 05/09/2023



#18
 Methylene Chloride
 Concen: 18.190 ug/l
 RT: 5.278 min Scan# 568
 Delta R.T. -0.017 min
 Lab File: VN077610.D
 Acq: 08 May 2023 11:22

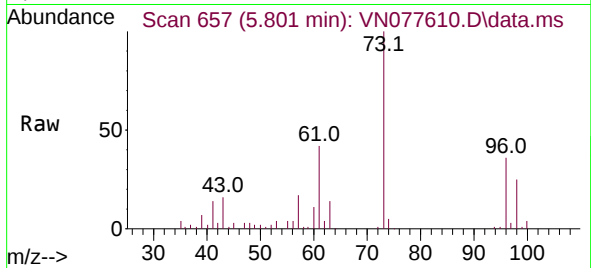
Tgt Ion: 84 Resp: 134147
 Ion Ratio Lower Upper
 84 100
 49 81.5 82.4 123.6#
 51 31.8 25.1 37.7
 86 59.0 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 18.803 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.011 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

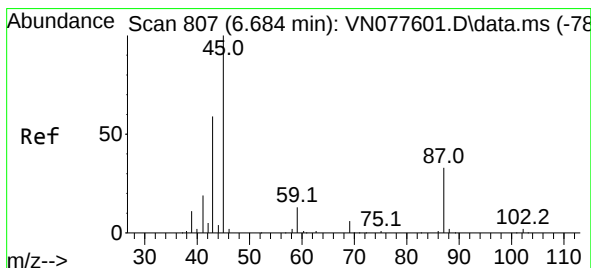
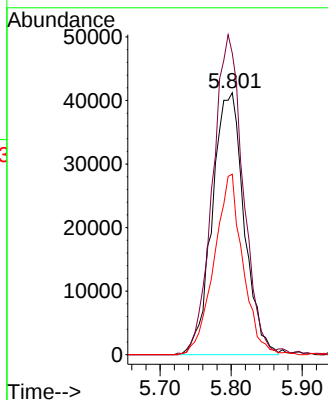
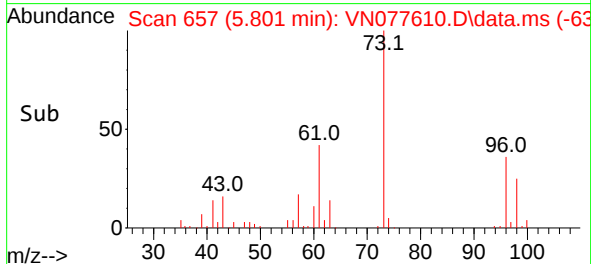


Tgt Ion: 96 Resp: 128360
Ion Ratio Lower Upper
96 100
61 114.4 92.4 138.6
98 68.9 44.8 67.2

Manual Integrations
APPROVED

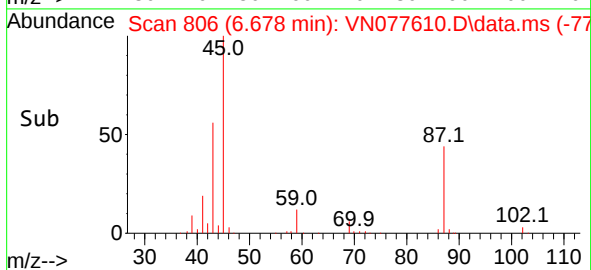
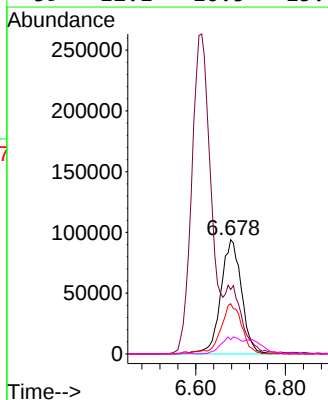
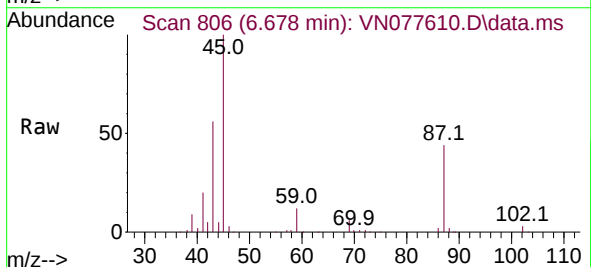
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

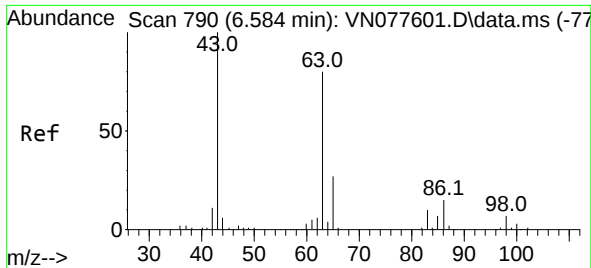
Supervised By :Mahesh
Dadoda
05/09/2023



#20
Diisopropyl ether
Concen: 19.740 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Tgt Ion: 45 Resp: 302401
Ion Ratio Lower Upper
45 100
43 55.0 47.1 70.7
87 43.7 26.2 39.2
59 12.1 10.5 15.7





#21
1,1-Dichloroethane
Concen: 19.062 ug/l
RT: 6.578 min Scan# 790
Delta R.T. -0.006 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

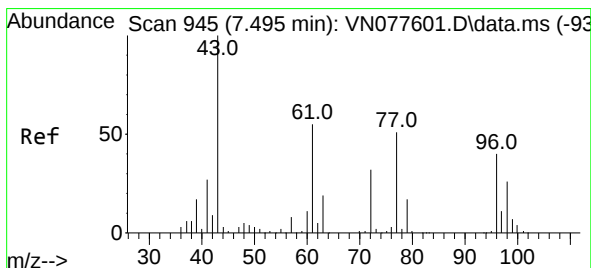
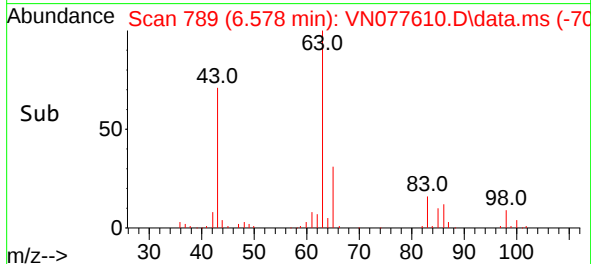
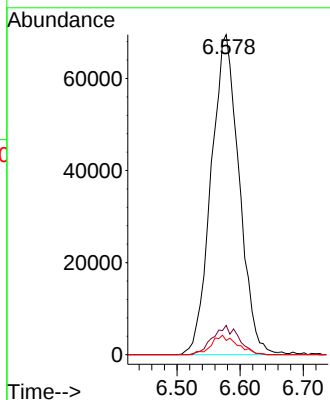
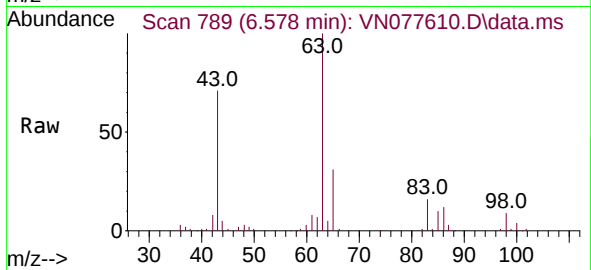
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 214200
Ion Ratio Lower Upper
63 100
98 9.1 4.3 13.1
100 4.4 2.3 6.8

Manual Integrations
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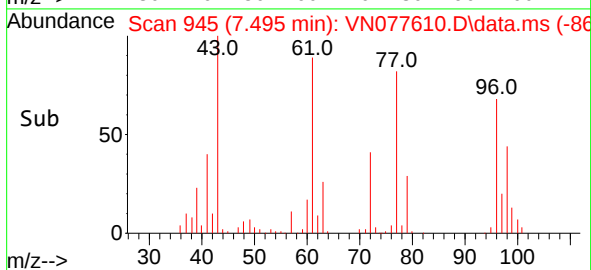
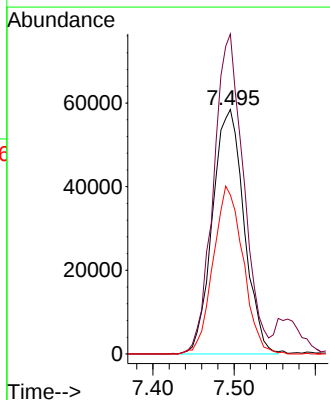
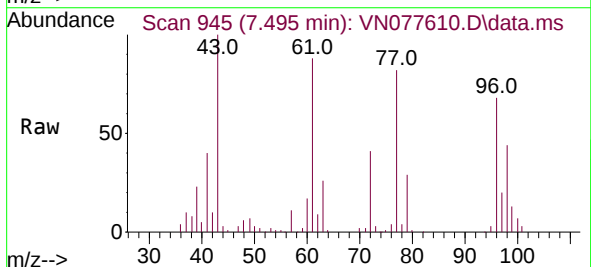
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

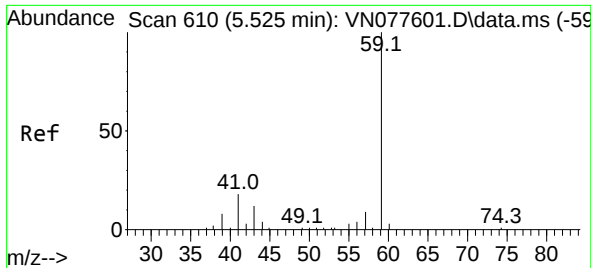
Supervised By :Mahesh
Dadoda
05/09/2023



#22
cis-1,2-Dichloroethene
Concen: 19.205 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Tgt Ion: 96 Resp: 157973
Ion Ratio Lower Upper
96 100
61 124.6 109.4 164.0
98 65.0 51.2 76.8





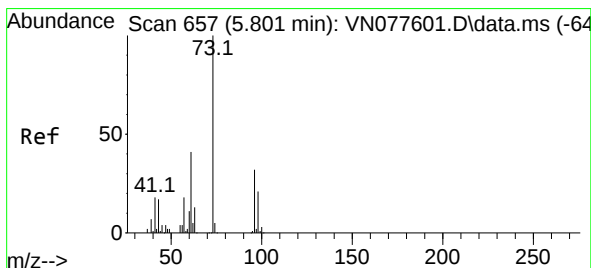
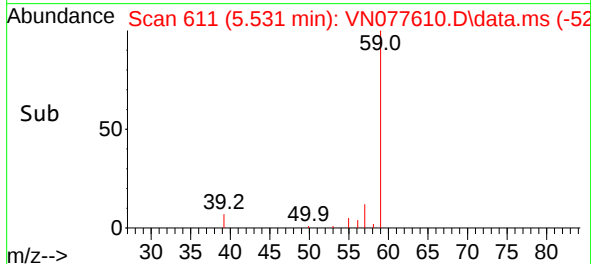
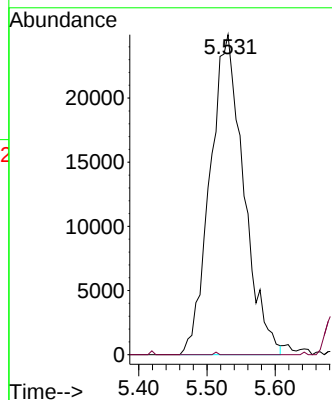
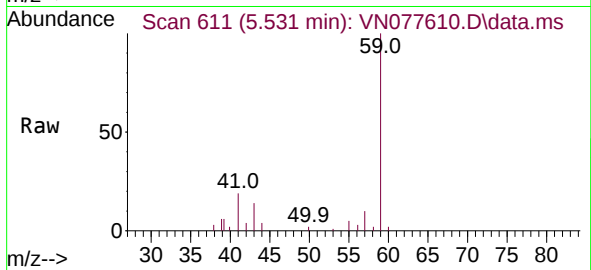
#23
tert-Butyl Alcohol
Concen: 97.807 ug/l
RT: 5.531 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 59 Resp: 8559
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

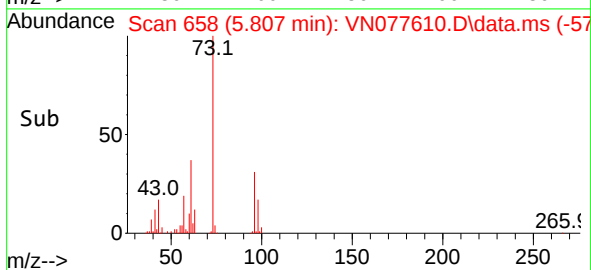
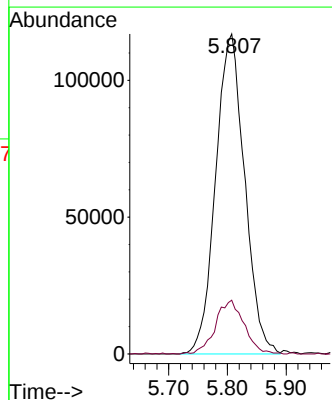
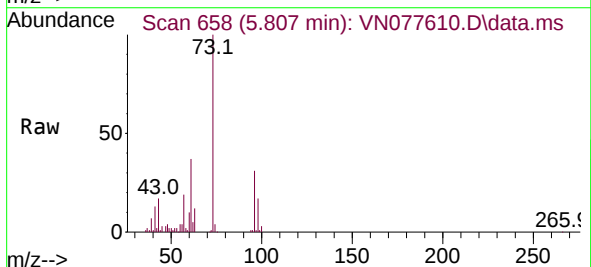
Manual Integrations
APPROVED

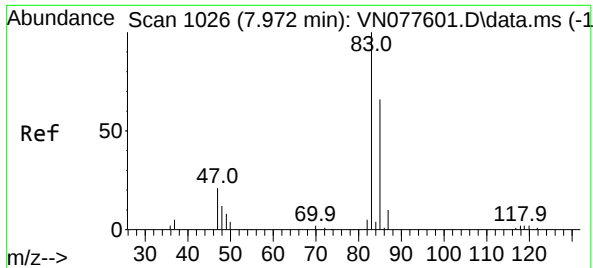
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#24
Methyl tert-Butyl Ether
Concen: 19.482 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.006 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

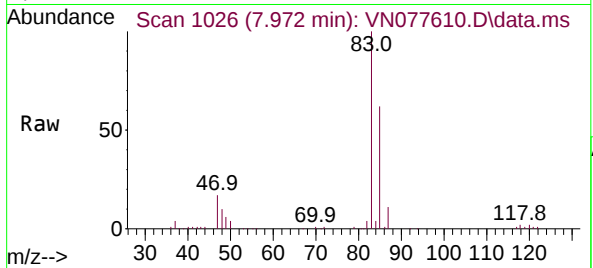
Tgt Ion: 73 Resp: 400153
Ion Ratio Lower Upper
73 100
43 15.8 14.3 21.5





#25
Chloroform
Concen: 19.473 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

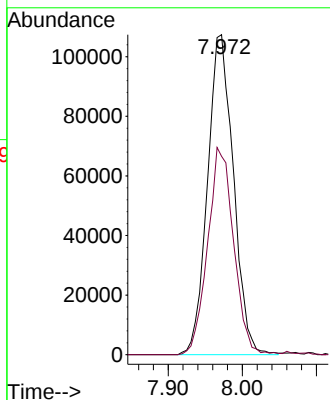
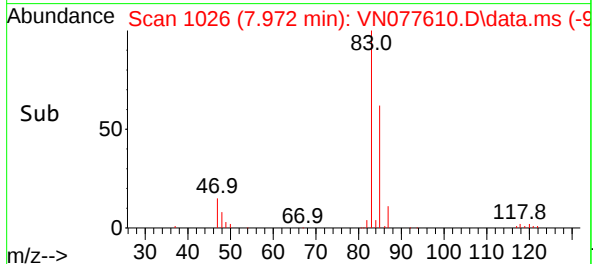
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



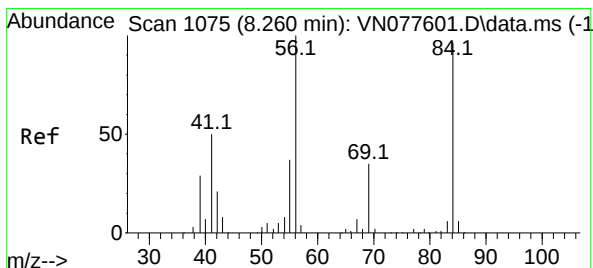
Tgt Ion: 83 Resp: 260820
Ion Ratio Lower Upper
83 100
85 62.0 53.0 79.6

Manual Integrations
APPROVED

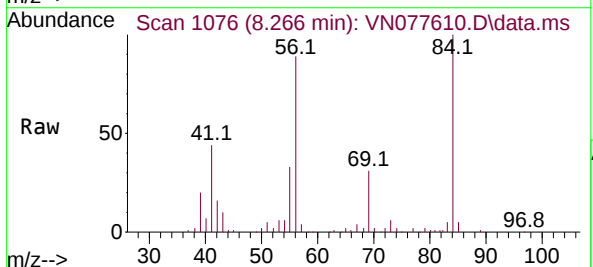
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



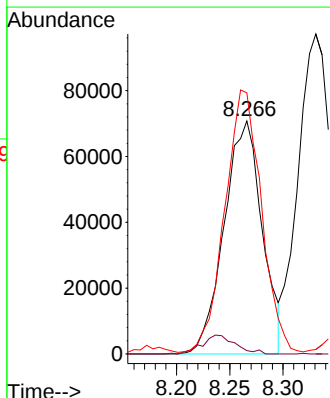
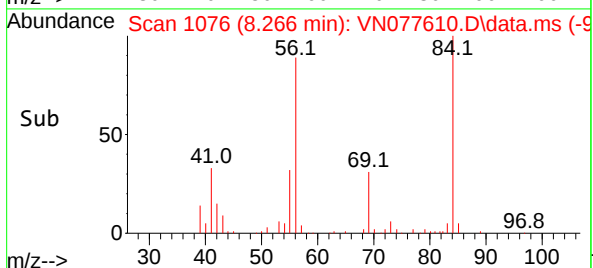
Supervised By :Mahesh
Dadoda
05/09/2023

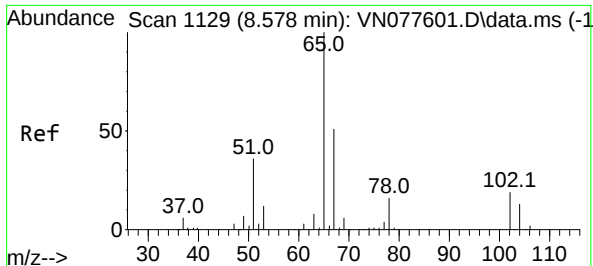


#26
Cyclohexane
Concen: 19.058 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22



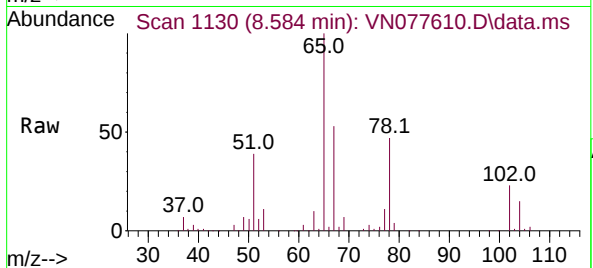
Tgt Ion: 56 Resp: 175804
Ion Ratio Lower Upper
56 100
89 0.2 0.0 0.0#
84 110.0 84.6 126.8





#27
1,2-Dichloroethane-d4
Concen: 30.026 ug/l
RT: 8.584 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

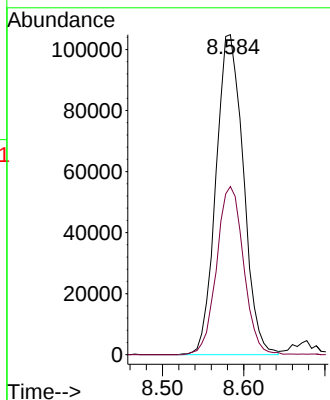
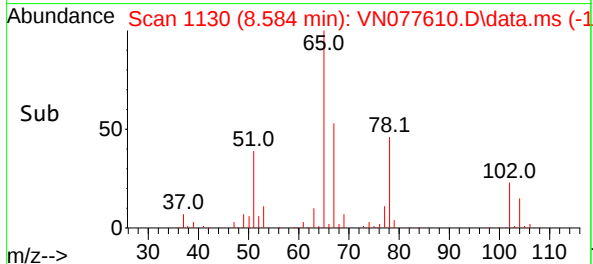
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



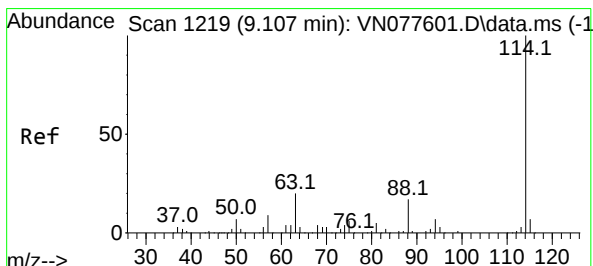
Tgt Ion: 65 Resp: 245918
Ion Ratio Lower Upper
65 100
67 51.7 41.3 61.9

Manual Integrations
APPROVED

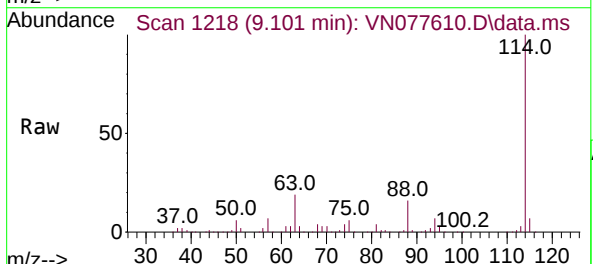
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



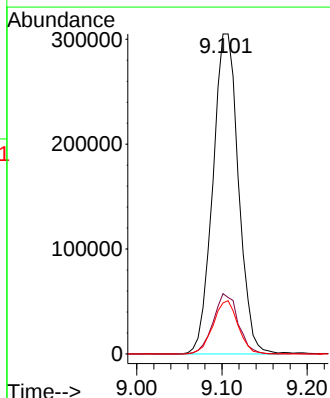
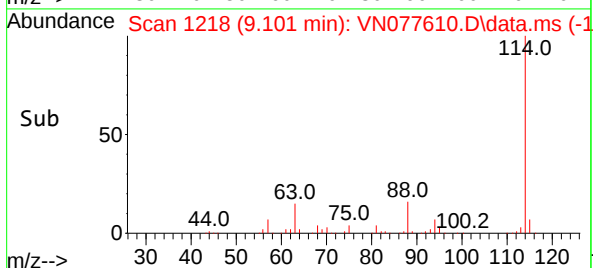
Supervised By :Mahesh
Dadoda
05/09/2023

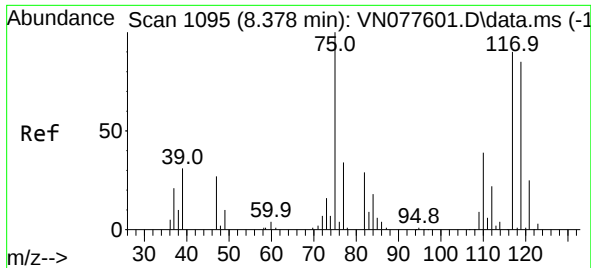


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.101 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22



Tgt Ion:114 Resp: 638494
Ion Ratio Lower Upper
114 100
63 18.3 15.8 23.6
88 16.2 13.0 19.4





#29
1,1-Dichloropropene
Concen: 19.541 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

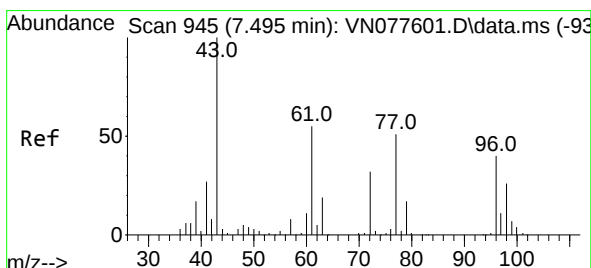
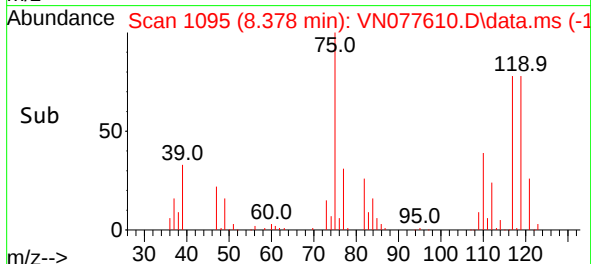
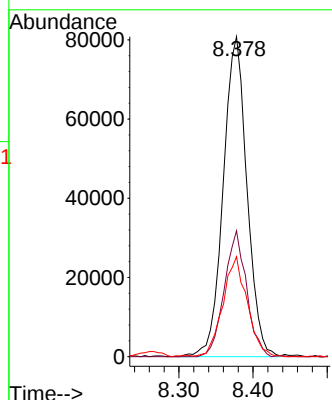
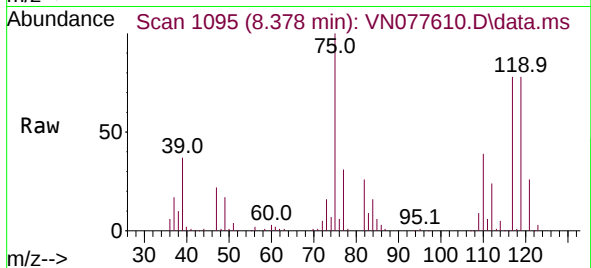
VSTDICCC020

Tgt Ion: 75 Resp: 17961
Ion Ratio Lower Upper
75 100
110 36.8 0.0 69.8
77 32.1 0.0 61.4

Manual Integrations
APPROVED

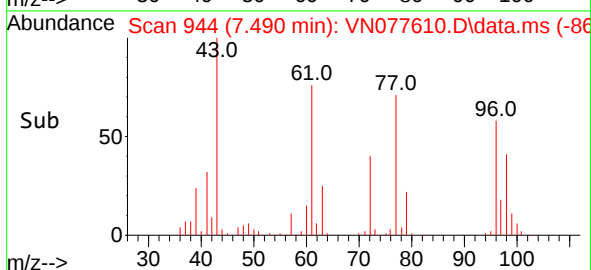
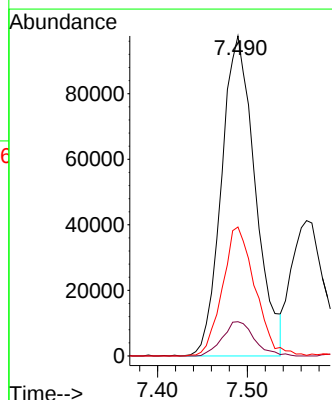
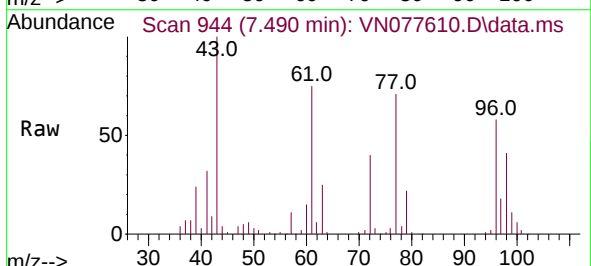
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

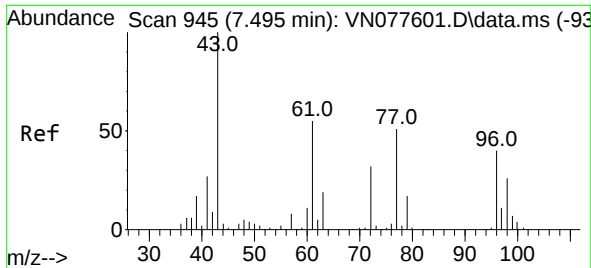
Supervised By :Mahesh
Dadoda
05/09/2023



#30
2-Butanone
Concen: 104.133 ug/l
RT: 7.490 min Scan# 944
Delta R.T. -0.005 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Tgt Ion: 43 Resp: 255132
Ion Ratio Lower Upper
43 100
57 10.1 7.2 10.8
72 39.1 26.2 39.2





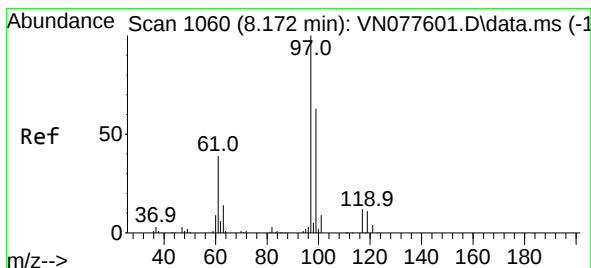
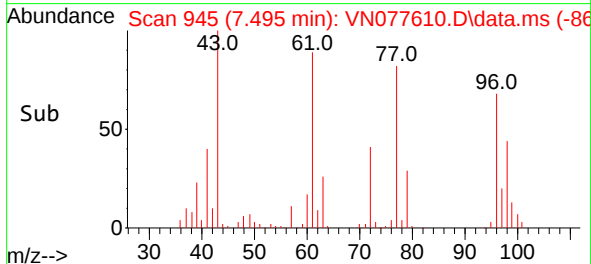
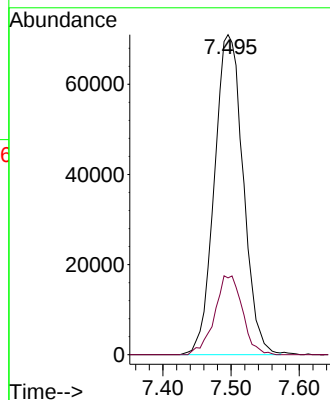
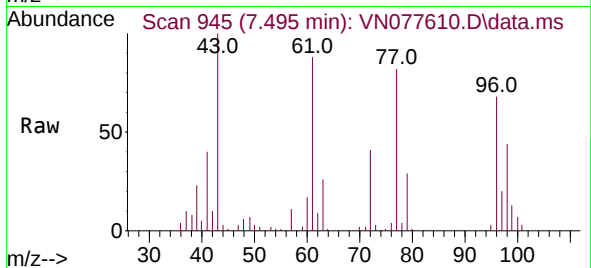
#31
2,2-Dichloropropane
Concen: 19.477 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 77 Resp: 20857
Ion Ratio Lower Upper
77 100
97 23.8 19.1 28.7

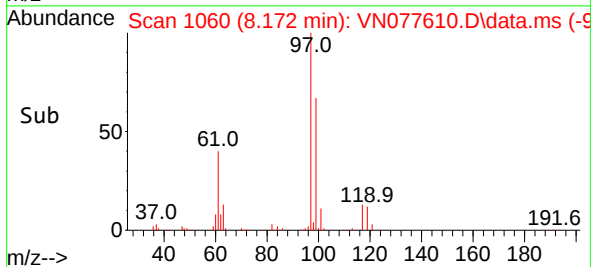
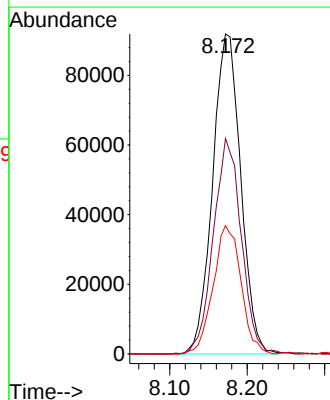
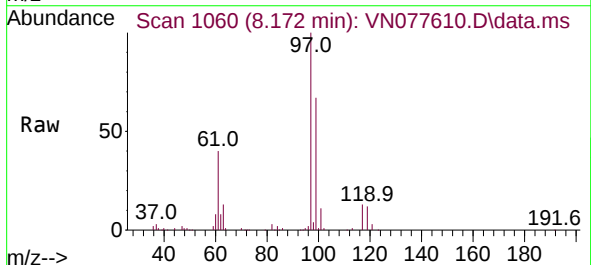
Manual Integrations
APPROVED

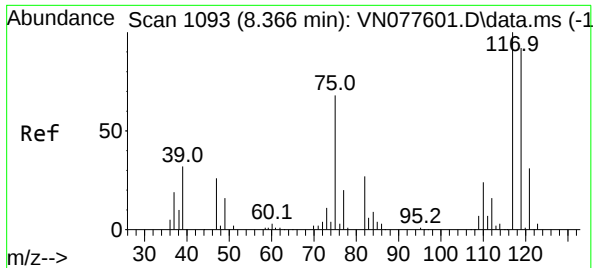
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#32
1,1,1-Trichloroethane
Concen: 19.515 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

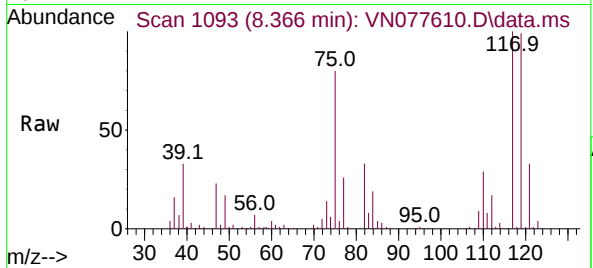
Tgt Ion: 97 Resp: 232146
Ion Ratio Lower Upper
97 100
99 66.2 53.1 79.7
61 39.6 35.1 52.7





#33
Carbon Tetrachloride
Concen: 19.925 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

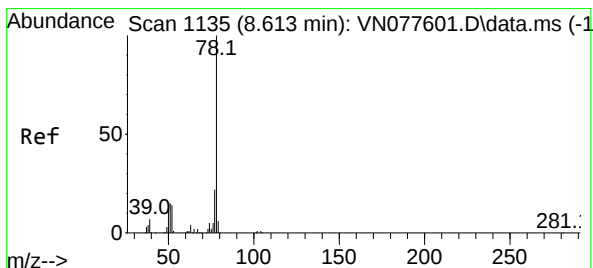
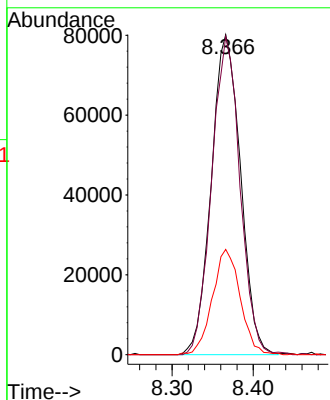
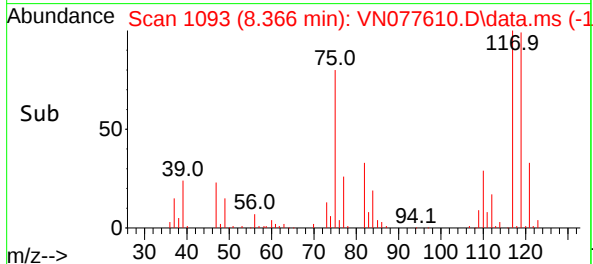


Tgt Ion: 117 Resp: 200444
Ion Ratio Lower Upper
117 100
119 99.4 73.9 110.9
121 32.9 25.0 37.4

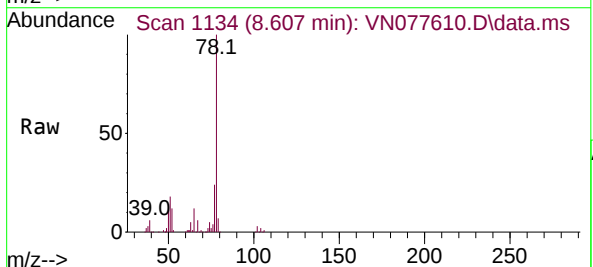
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

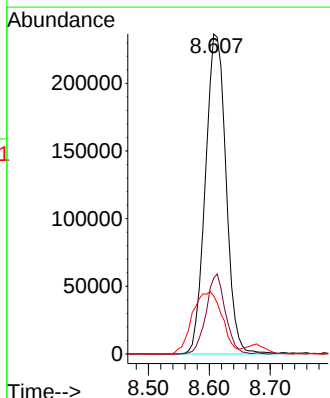
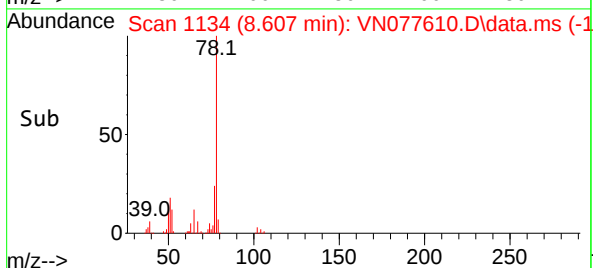
Supervised By :Mahesh
Dadoda
05/09/2023

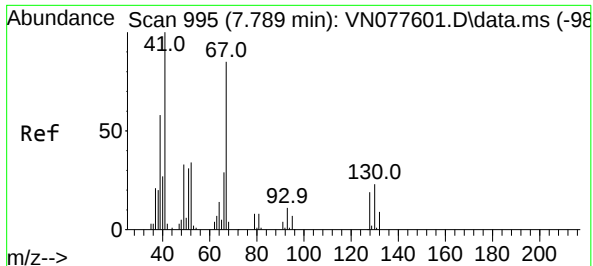


#34
Benzene
Concen: 20.025 ug/l
RT: 8.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22



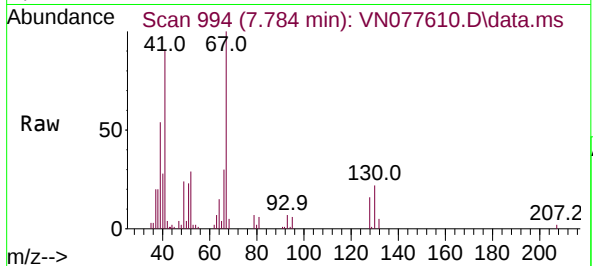
Tgt Ion: 78 Resp: 555768
Ion Ratio Lower Upper
78 100
77 23.7 17.2 25.8
51 17.9 12.3 18.5





#35
Methacrylonitrile
Concen: 21.946 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.005 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC020

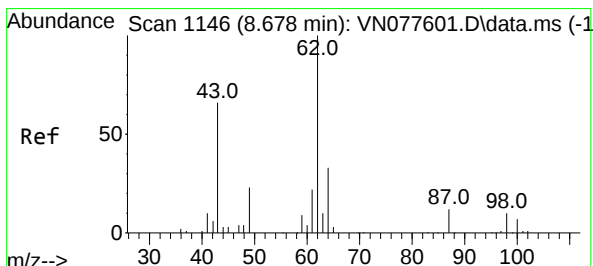
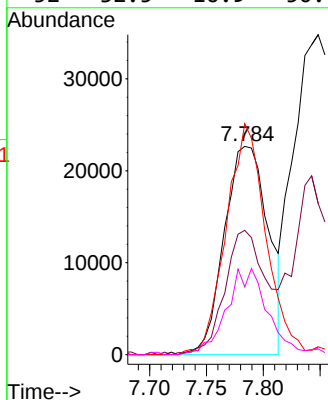
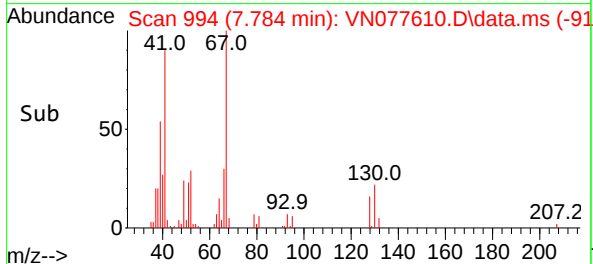


Tgt Ion: 41 Resp: 61032
Ion Ratio Lower Upper
41 100
39 58.7 28.7 86.3
67 110.8 42.7 128.1
52 32.5 16.9 50.7

Manual Integrations
APPROVED

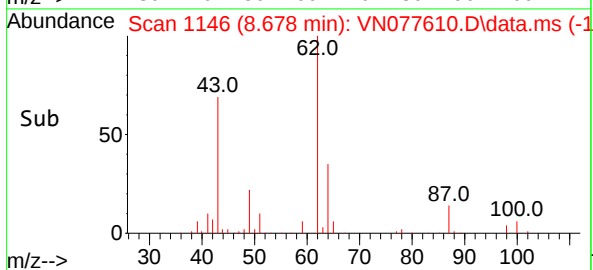
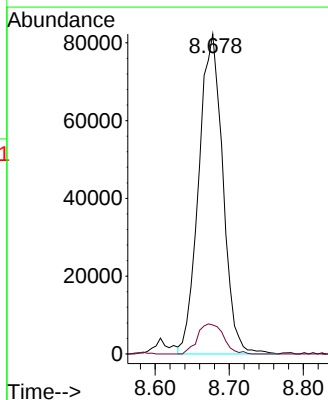
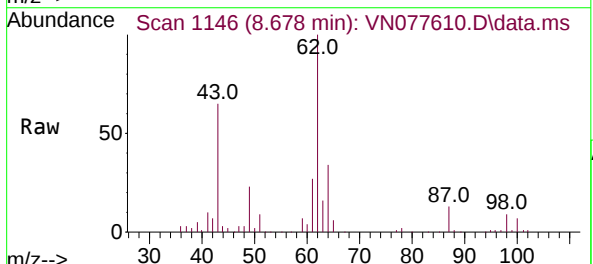
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

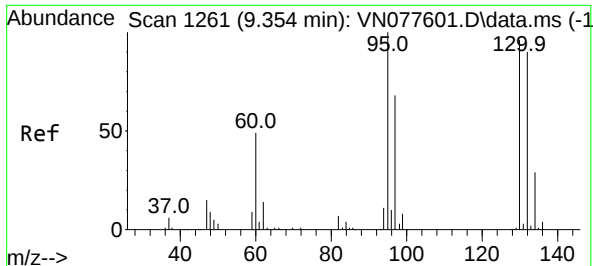
Supervised By :Mahesh
Dadoda
05/09/2023



#36
1,2-Dichloroethane
Concen: 20.072 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Tgt Ion: 62 Resp: 185724
Ion Ratio Lower Upper
62 100
98 10.2 7.6 11.4





#37

Trichloroethene

Concen: 19.539 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VN077610.D

Acq: 08 May 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:130 Resp: 14018

Ion Ratio Lower Upper

130 100

95 97.7 83.0 124.6

Manual Integrations

APPROVED

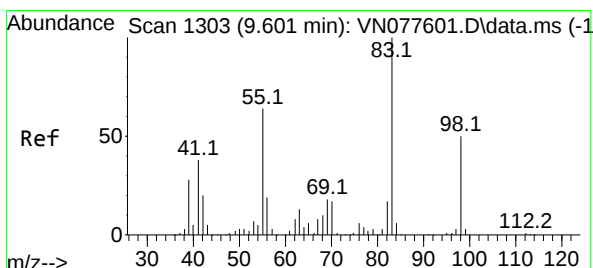
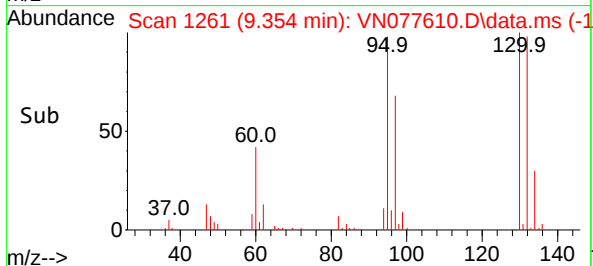
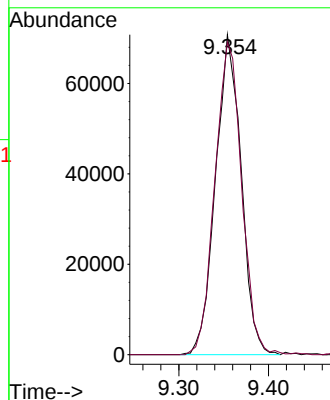
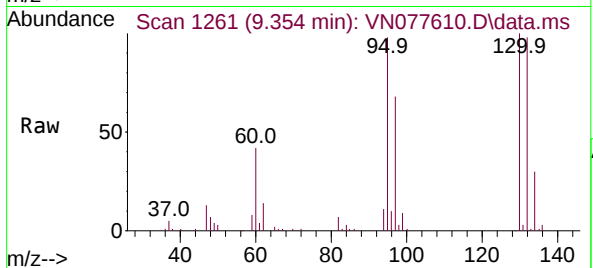
Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023

Supervised By :Mahesh

Dadoda

05/09/2023



#38

Methylcyclohexane

Concen: 19.317 ug/l

RT: 9.601 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN077610.D

Acq: 08 May 2023 11:22

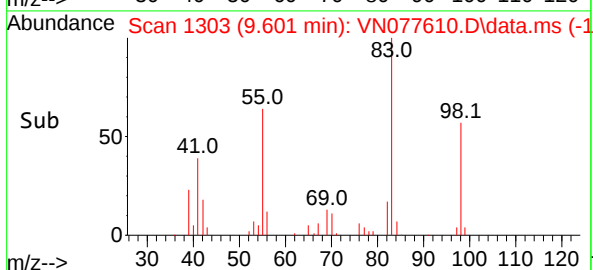
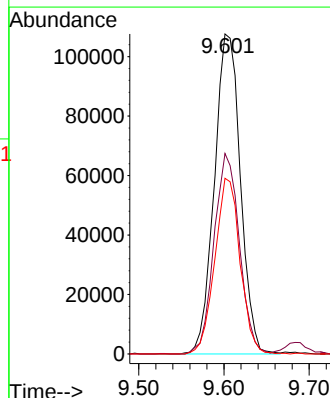
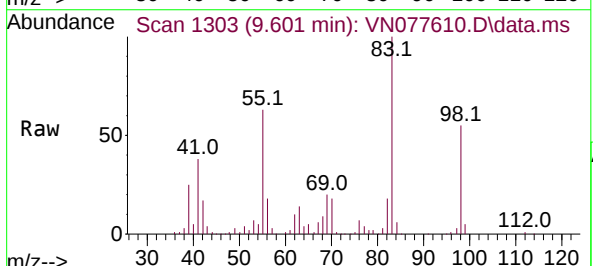
Tgt Ion: 83 Resp: 228615

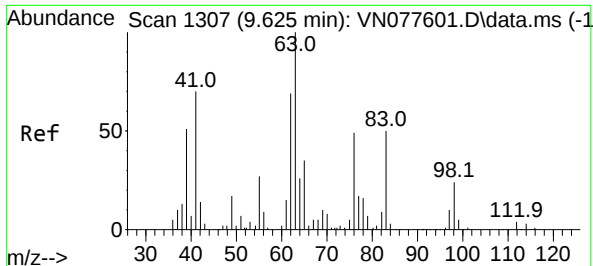
Ion Ratio Lower Upper

83 100

55 61.0 33.6 100.8

98 53.3 25.3 75.8





#39

1,2-Dichloropropane

Concen: 20.224 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077610.D

Acq: 08 May 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 129954

Ion Ratio Lower Upper

63 100

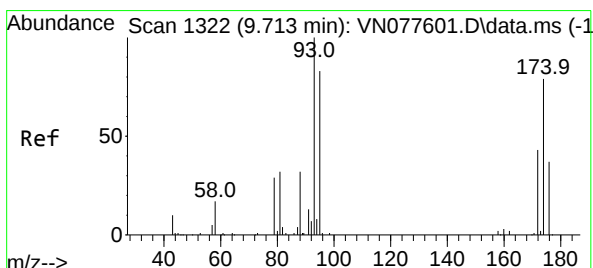
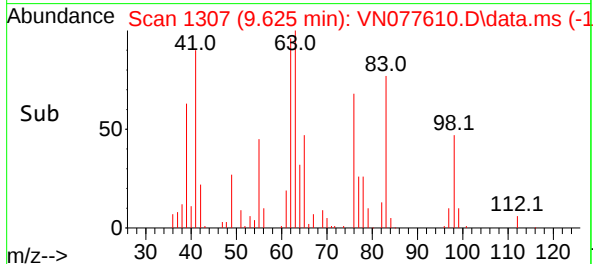
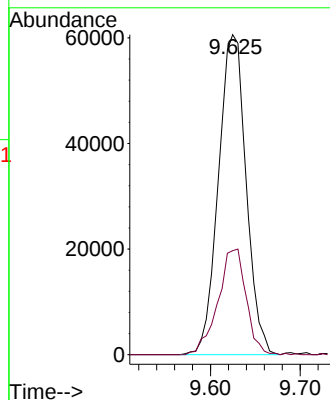
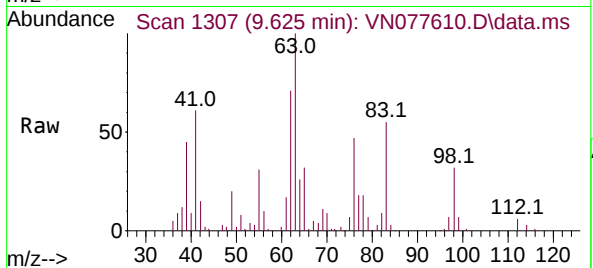
65 32.5 28.2 42.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#40

Dibromomethane

Concen: 19.973 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077610.D

Acq: 08 May 2023 11:22

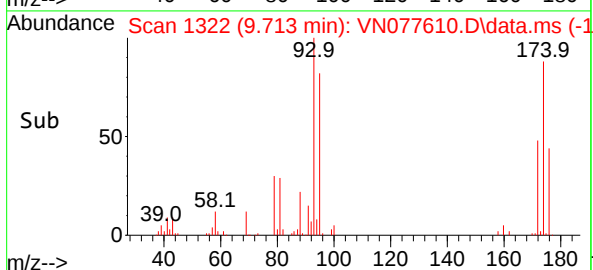
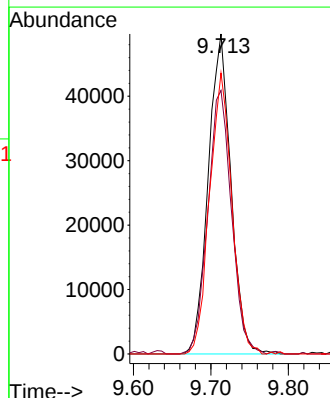
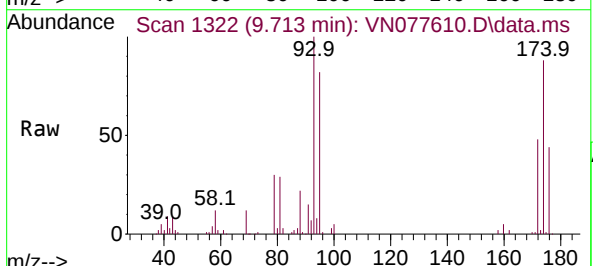
Tgt Ion: 93 Resp: 101184

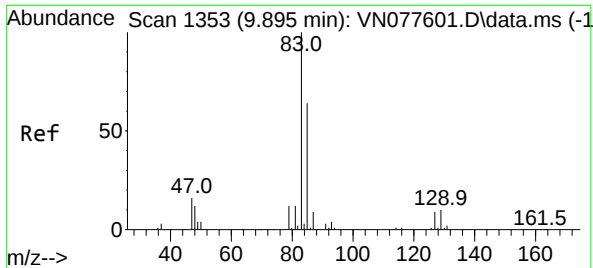
Ion Ratio Lower Upper

93 100

95 85.5 0.0 164.0

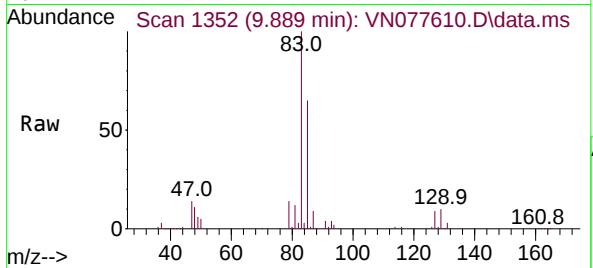
174 86.1 0.0 157.0





#41
Bromodichloromethane
Concen: 20.177 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

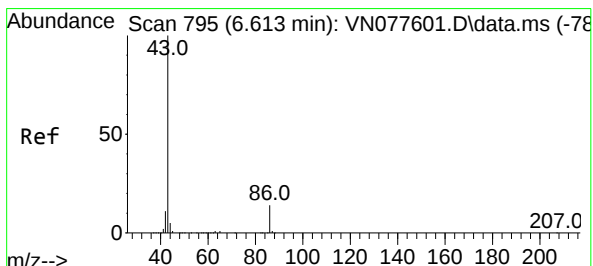
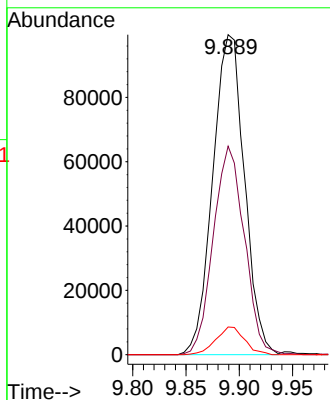
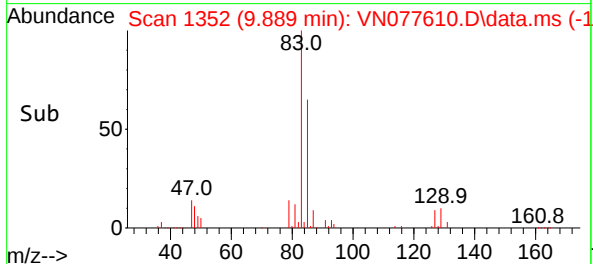


Tgt Ion: 83 Resp: 205820
Ion Ratio Lower Upper
83 100
85 65.1 51.2 76.8
127 8.6 7.3 10.9

Manual Integrations
APPROVED

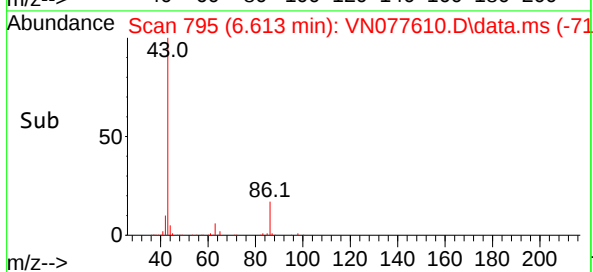
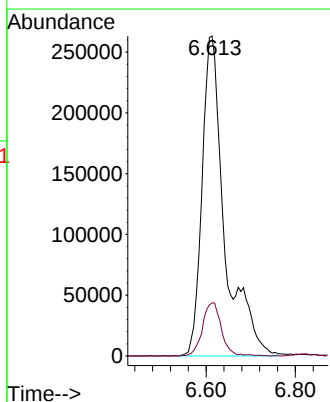
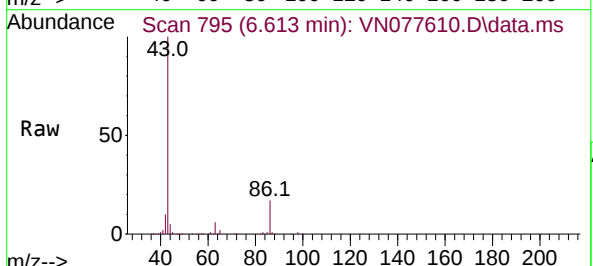
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

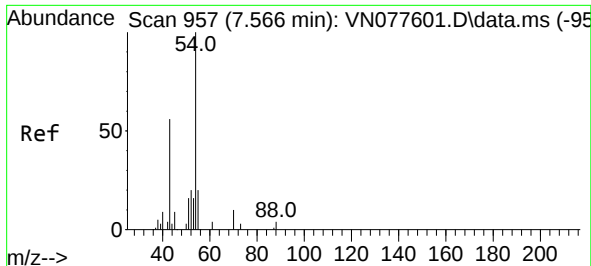
Supervised By :Mahesh
Dadoda
05/09/2023



#42
Vinyl Acetate
Concen: 112.836 ug/l m
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Tgt Ion: 43 Resp: 928868
Ion Ratio Lower Upper
43 100
86 0.0 10.3 15.5#





#43

Ethyl Acetate

Concen: 20.058 ug/l

RT: 7.566 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN077610.D

Acq: 08 May 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 10544

Ion Ratio Lower Upper

43 100

45 11.4 8.2 12.4

Manual Integrations

APPROVED

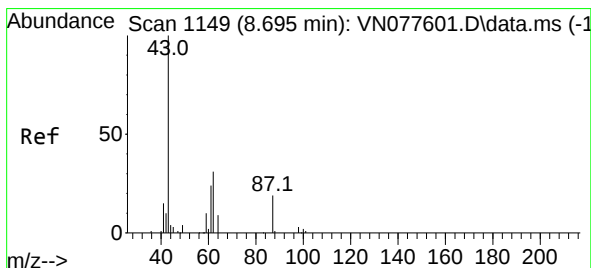
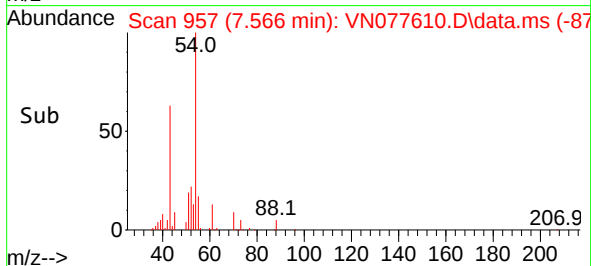
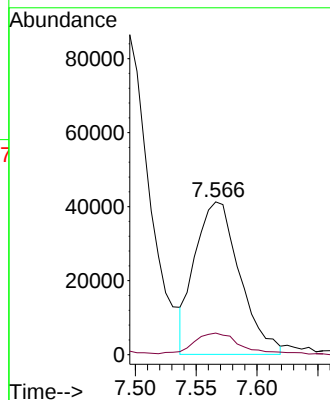
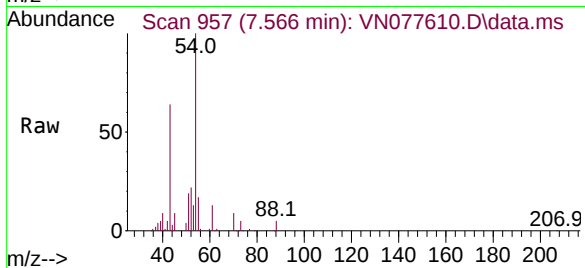
Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023

Supervised By :Mahesh

Dadoda

05/09/2023



#44

Isopropyl Acetate

Concen: 20.282 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. -0.006 min

Lab File: VN077610.D

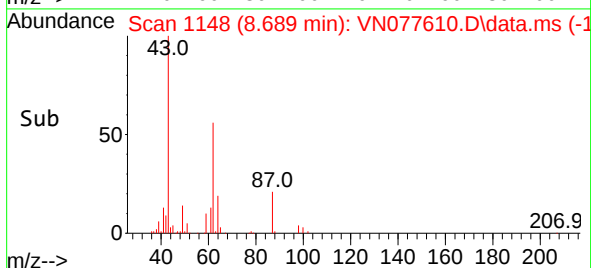
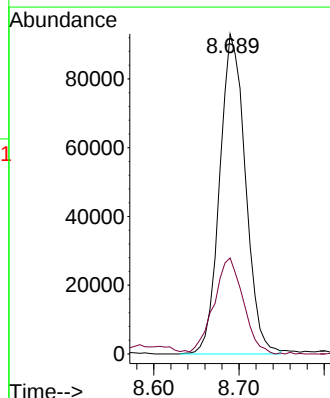
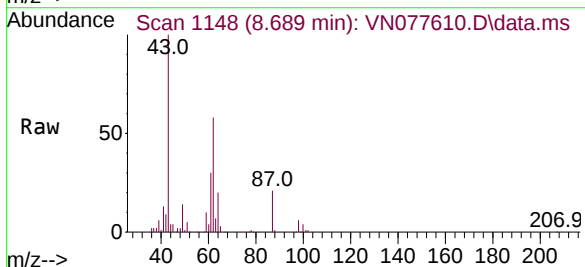
Acq: 08 May 2023 11:22

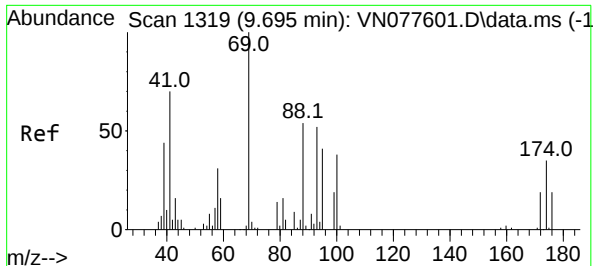
Tgt Ion: 43 Resp: 195577

Ion Ratio Lower Upper

43 100

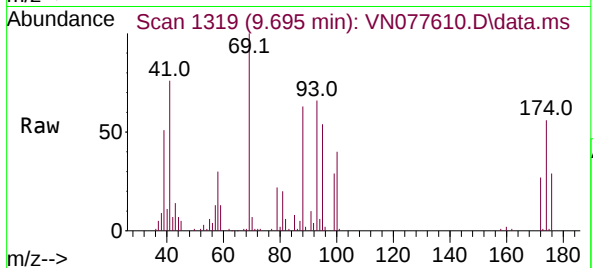
61 34.1 23.2 34.8





#45
1,4-Dioxane
Concen: 383.683 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

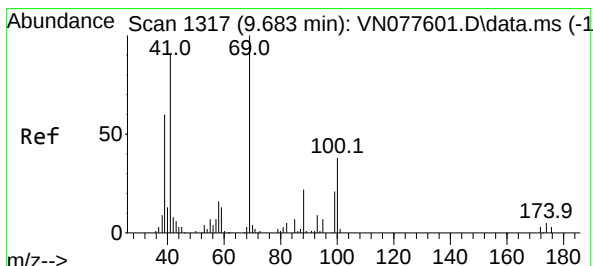
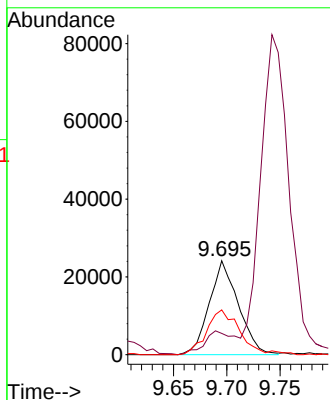
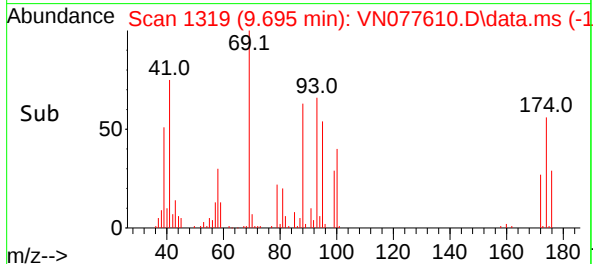


Tgt Ion: 88 Resp: 4598
Ion Ratio Lower Upper
88 100
43 27.1 18.2 27.2
58 52.6 47.5 71.3

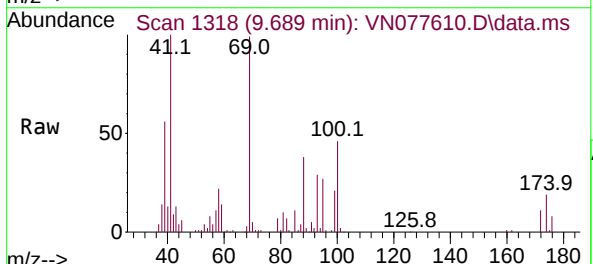
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

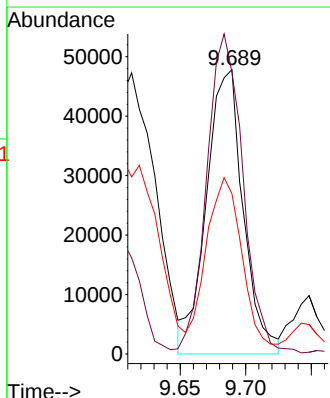
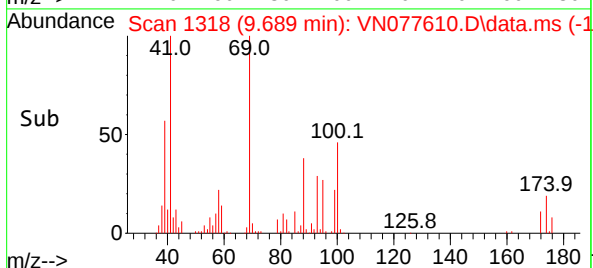
Supervised By :Mahesh
Dadoda
05/09/2023

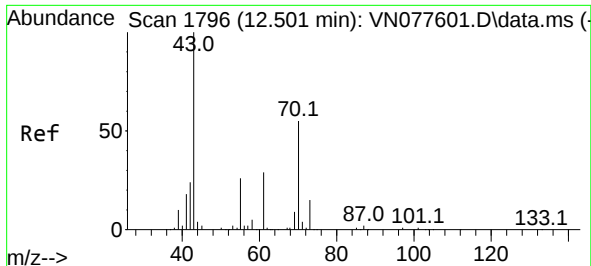


#46
Methyl methacrylate
Concen: 21.592 ug/l
RT: 9.689 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22



Tgt Ion: 41 Resp: 93487
Ion Ratio Lower Upper
41 100
69 102.6 52.0 156.0
39 55.8 33.6 100.6





#47

n-amy1 Acetate

Concen: 20.590 ug/l

RT: 12.495 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VN077610.D

Acq: 08 May 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 17096

Ion Ratio Lower Upper

43 100

55 27.7 21.4 32.0

Manual Integrations

APPROVED

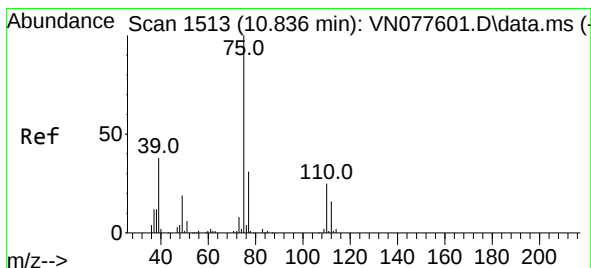
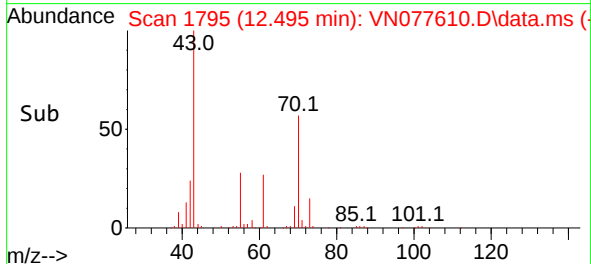
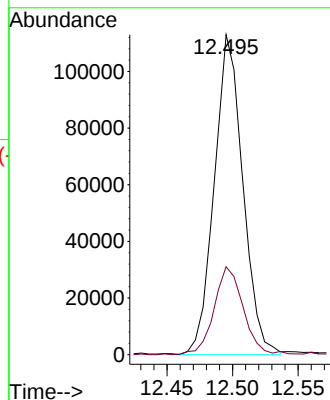
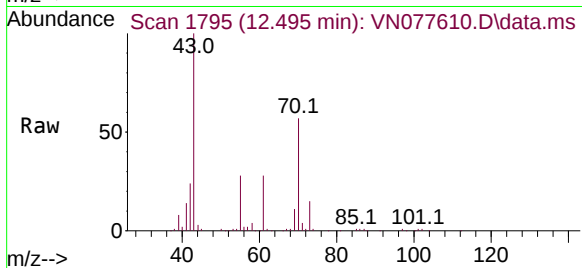
Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023

Supervised By :Mahesh

Dadoda

05/09/2023



#48

t-1,3-Dichloropropene

Concen: 19.588 ug/l

RT: 10.836 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VN077610.D

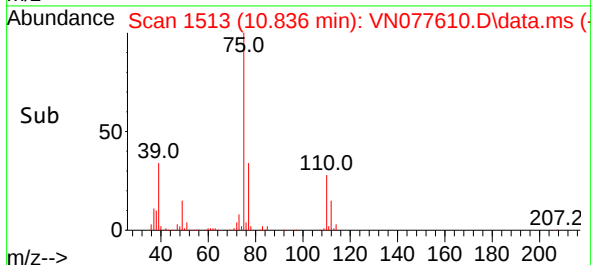
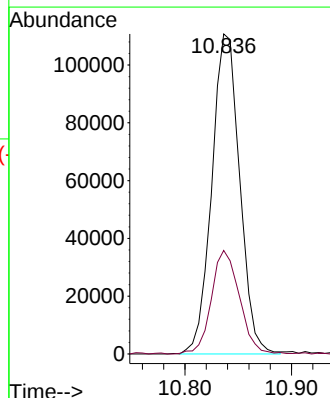
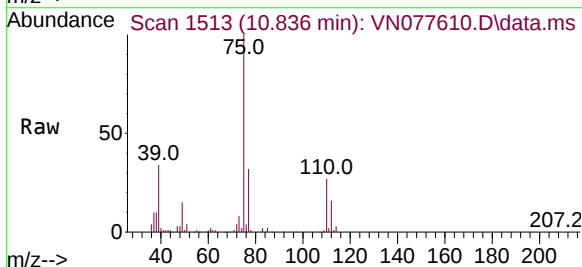
Acq: 08 May 2023 11:22

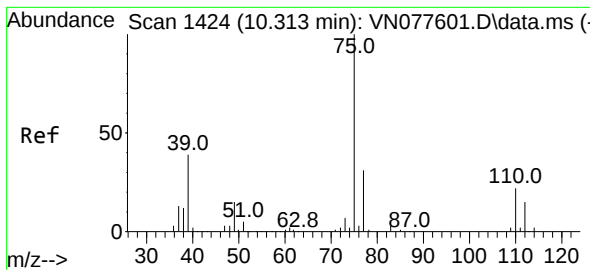
Tgt Ion: 75 Resp: 201447

Ion Ratio Lower Upper

75 100

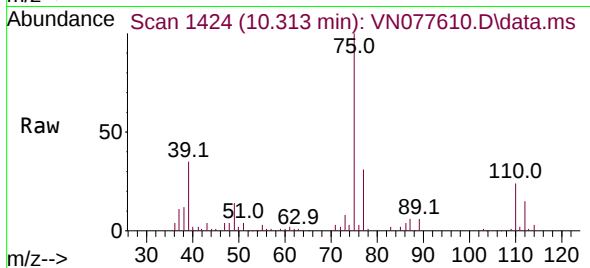
77 32.2 25.1 37.7





#49
 cis-1,3-Dichloropropene
 Concen: 19.762 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077610.D
 Acq: 08 May 2023 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

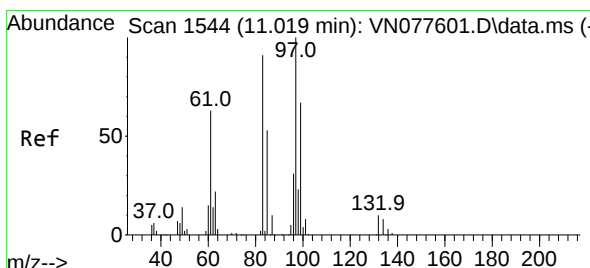
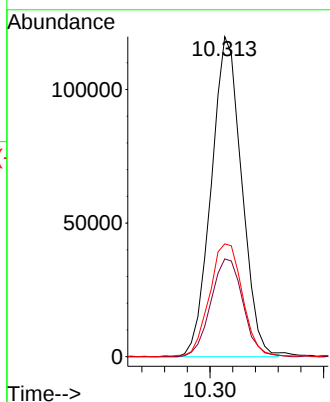
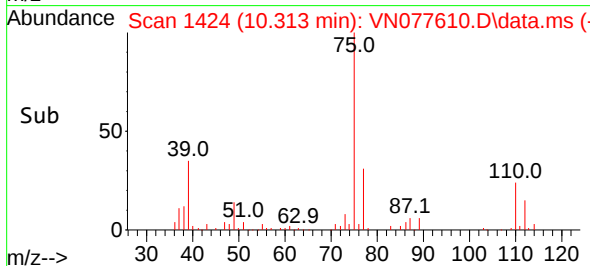


Tgt Ion: 75 Resp: 22275
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.7 37.1
 39 34.9 31.0 46.6

Manual Integrations
 APPROVED

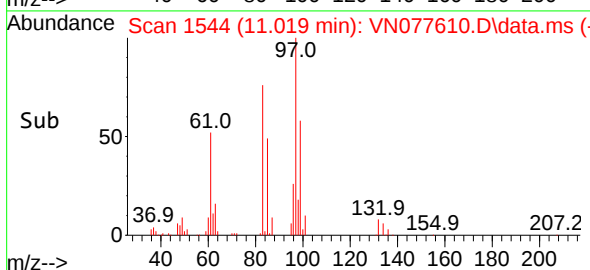
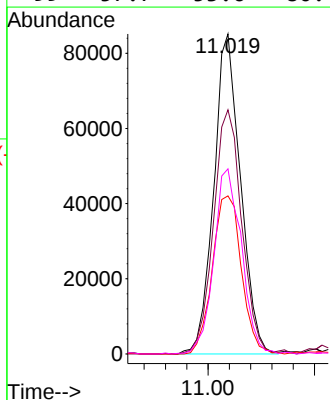
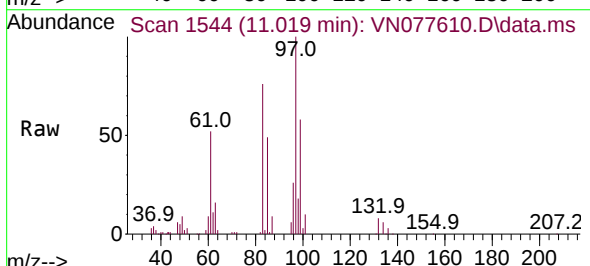
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/09/2023

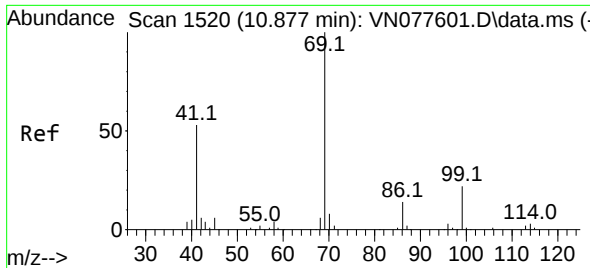
Supervised By :Mahesh
 Dadoda
 05/09/2023



#50
 1,1,2-Trichloroethane
 Concen: 20.325 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077610.D
 Acq: 08 May 2023 11:22

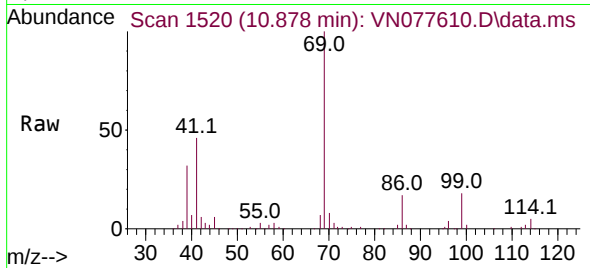
Tgt Ion: 97 Resp: 148278
 Ion Ratio Lower Upper
 97 100
 83 76.3 72.6 108.8
 85 49.4 42.6 63.8
 99 57.7 53.6 80.4





#51
Ethyl methacrylate
Concen: 20.321 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.001 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

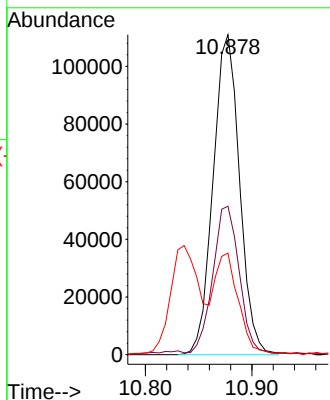
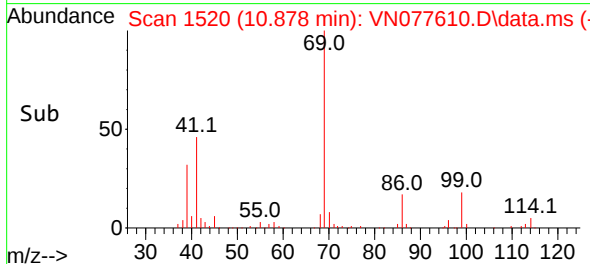
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



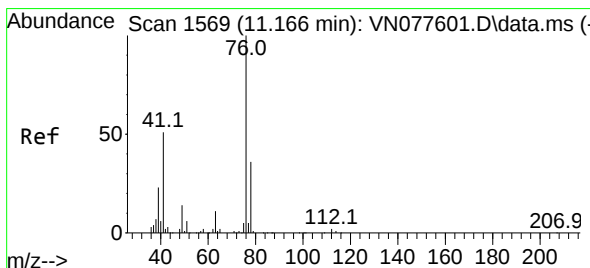
Tgt Ion: 69 Resp: 191379
Ion Ratio Lower Upper
69 100
41 45.8 26.3 78.9
39 31.4 18.1 54.1

Manual Integrations
APPROVED

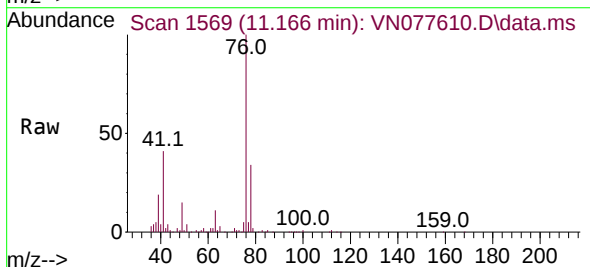
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



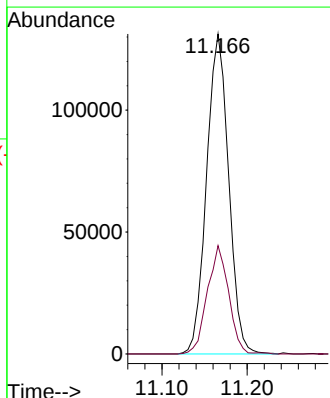
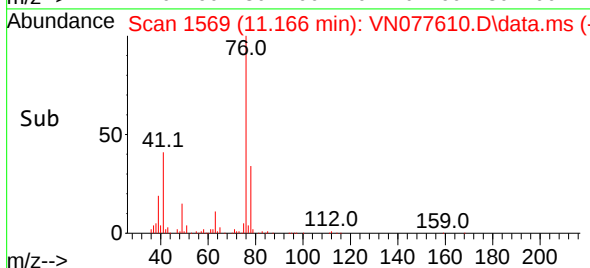
Supervised By :Mahesh
Dadoda
05/09/2023

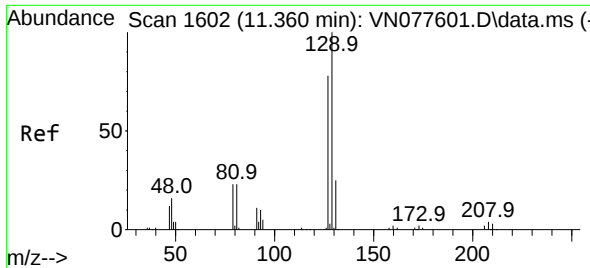


#52
1,3-Dichloropropane
Concen: 20.052 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22



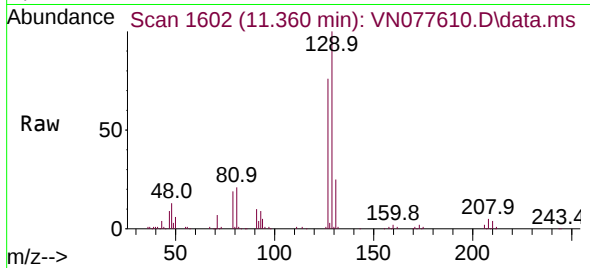
Tgt Ion: 76 Resp: 236535
Ion Ratio Lower Upper
76 100
78 32.6 0.0 66.4





#53
Dibromochloromethane
Concen: 20.417 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

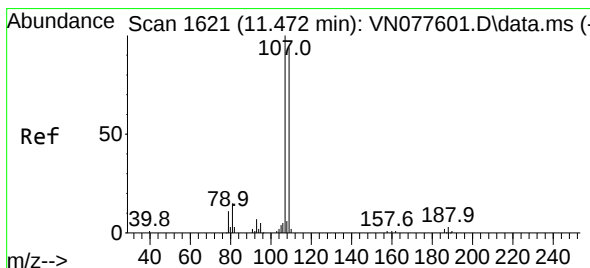
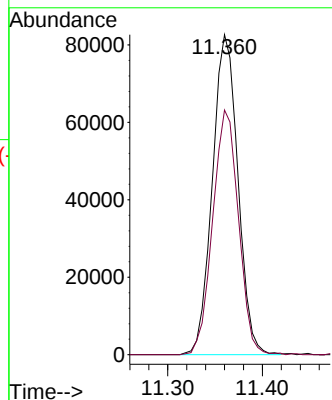


Tgt Ion:129 Resp: 154975
Ion Ratio Lower Upper
129 100
127 77.0 39.4 118.1

Manual Integrations
APPROVED

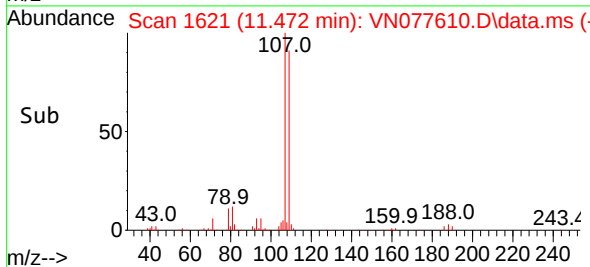
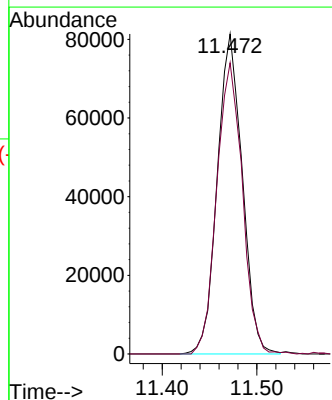
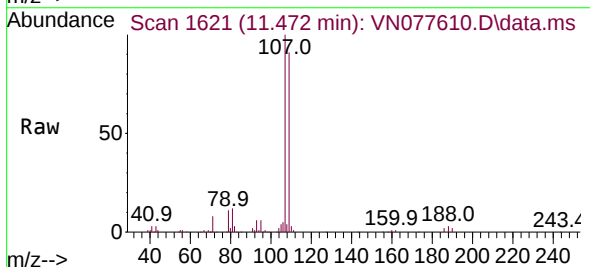
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

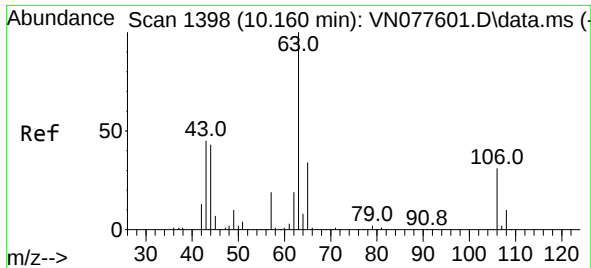
Supervised By :Mahesh
Dadoda
05/09/2023



#54
1,2-Dibromoethane
Concen: 20.545 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

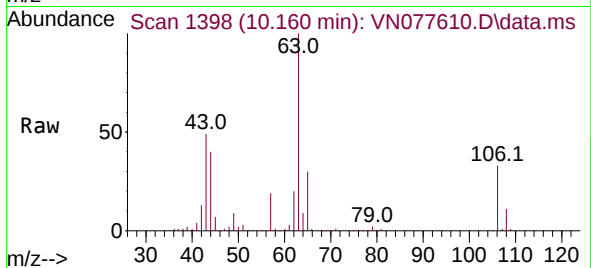
Tgt Ion:107 Resp: 148887
Ion Ratio Lower Upper
107 100
109 93.1 77.4 116.2





#55
2-Chloroethyl vinyl ether
Concen: 106.195 ug/l
RT: 10.160 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

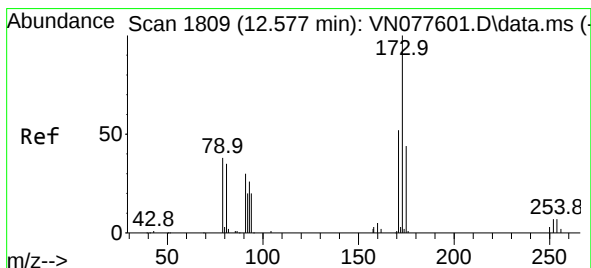
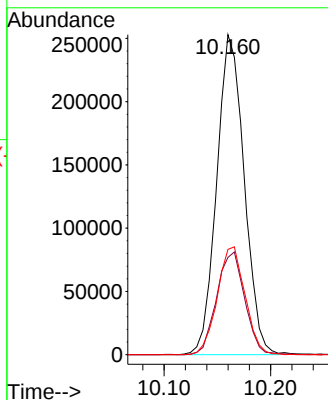
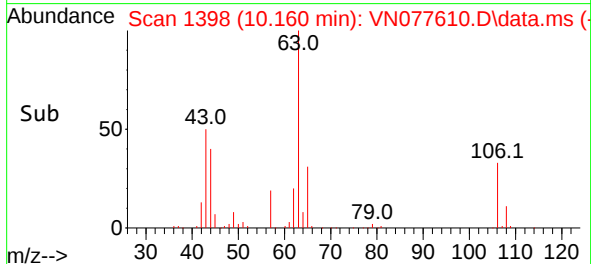


Tgt Ion: 63 Resp: 452260
Ion Ratio Lower Upper
63 100
65 32.8 26.8 40.2
106 34.0 25.6 38.4

Manual Integrations
APPROVED

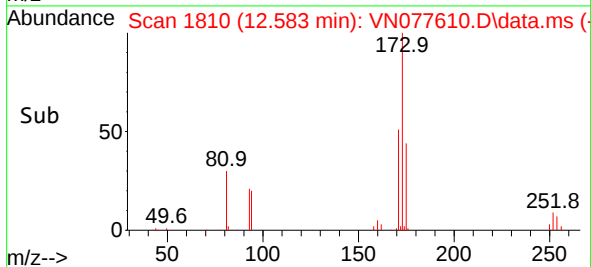
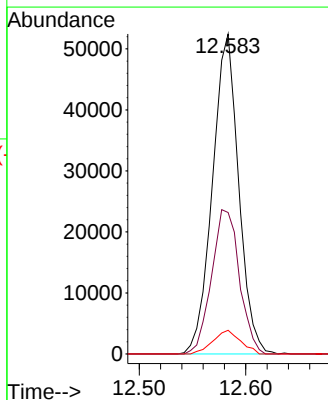
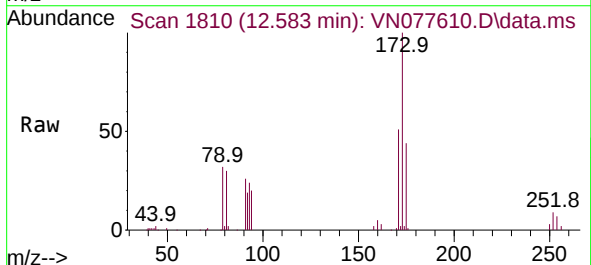
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

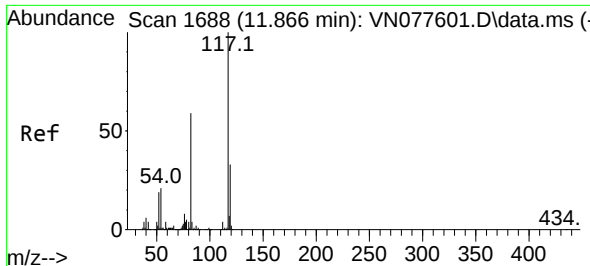
Supervised By :Mahesh
Dadoda
05/09/2023



#56
Bromoform
Concen: 20.055 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

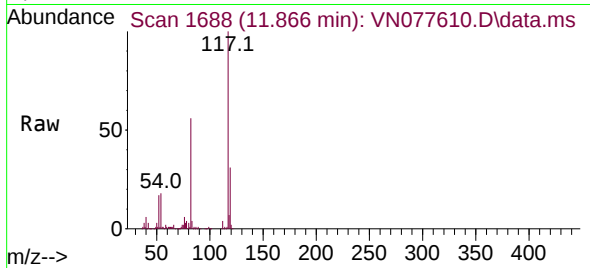
Tgt Ion:173 Resp: 89568
Ion Ratio Lower Upper
173 100
175 47.8 39.4 59.2
254 7.8 5.8 8.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

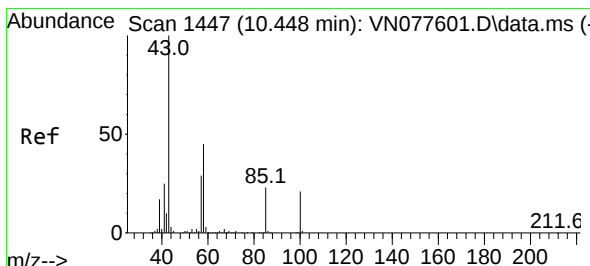
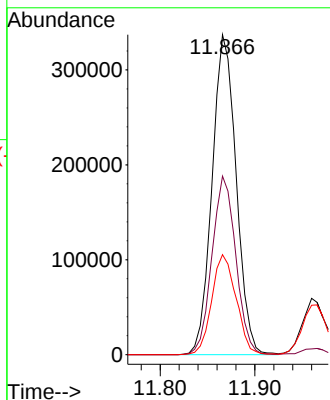
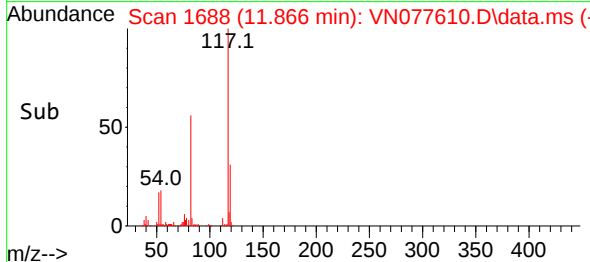


Tgt Ion:117 Resp: 596960
Ion Ratio Lower Upper
117 100
82 55.2 47.4 71.2
119 31.6 26.6 39.8

Manual Integrations
APPROVED

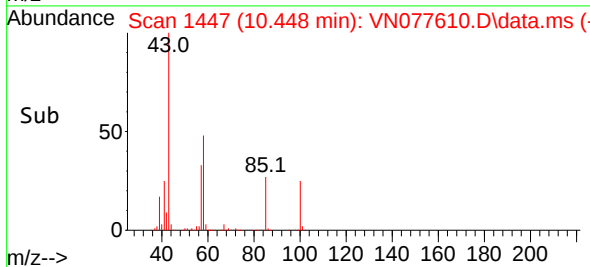
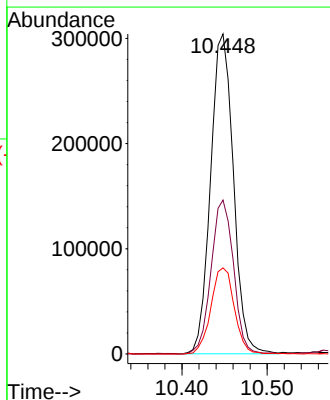
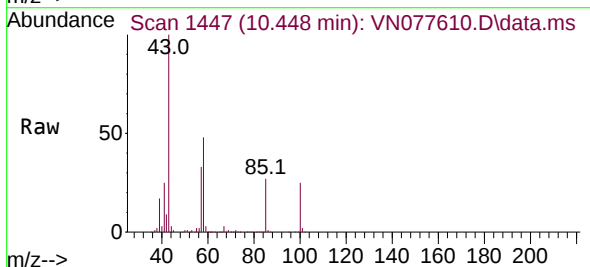
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

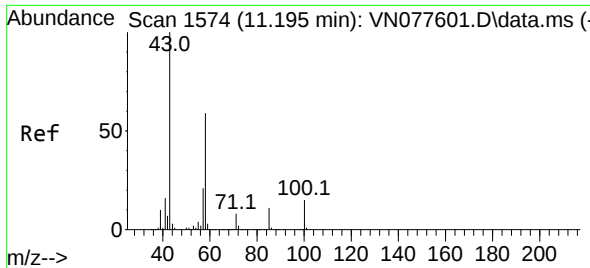
Supervised By :Mahesh
Dadoda
05/09/2023



#58
4-Methyl-2-Pentanone
Concen: 102.906 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

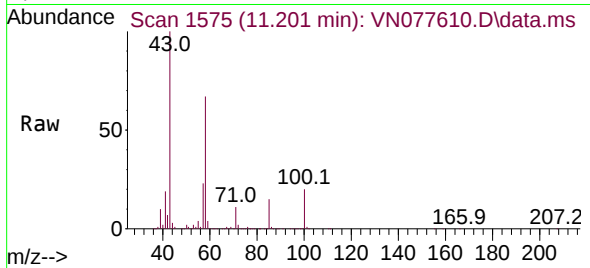
Tgt Ion: 43 Resp: 565716
Ion Ratio Lower Upper
43 100
58 47.3 35.4 53.2
85 27.5 18.2 27.2#





#59
2-Hexanone
Concen: 100.450 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

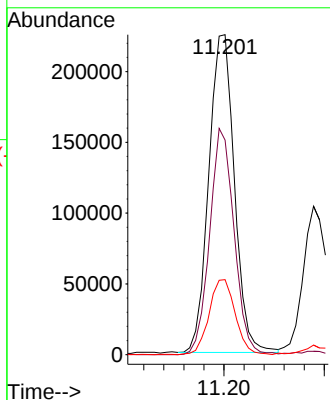
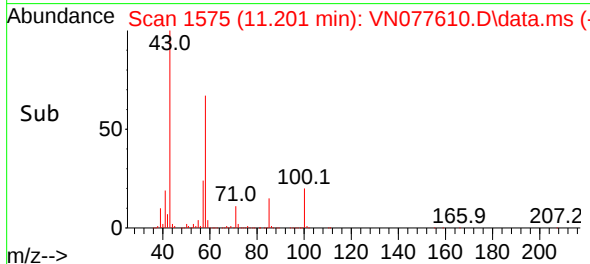
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



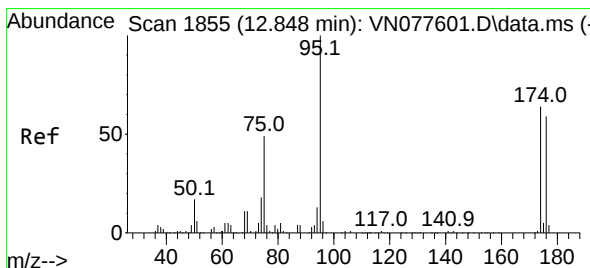
Tgt Ion: 43 Resp: 398623
Ion Ratio Lower Upper
43 100
58 67.7 48.2 72.2
57 24.2 17.3 25.9

Manual Integrations
APPROVED

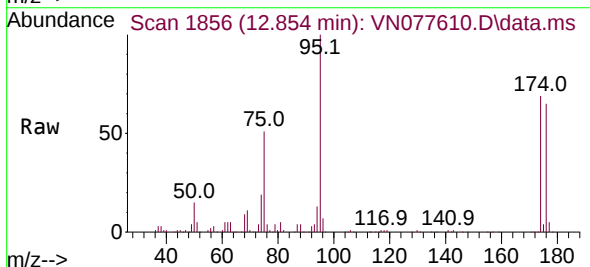
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



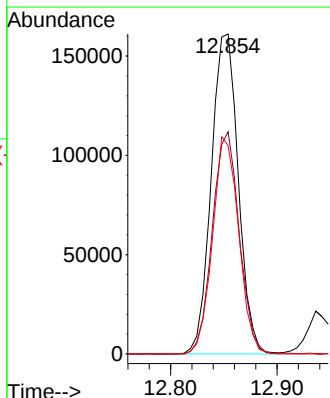
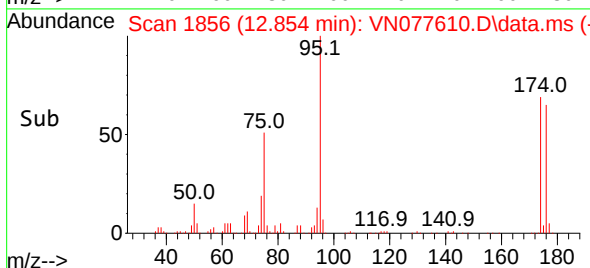
Supervised By :Mahesh
Dadoda
05/09/2023

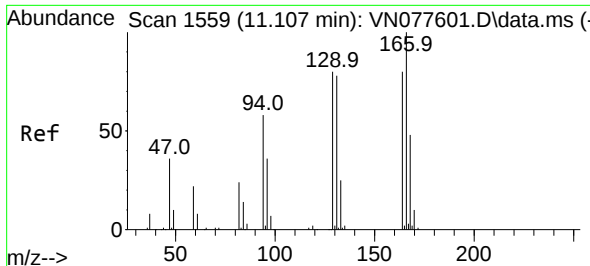


#60
4-Bromofluorobenzene
Concen: 29.880 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22



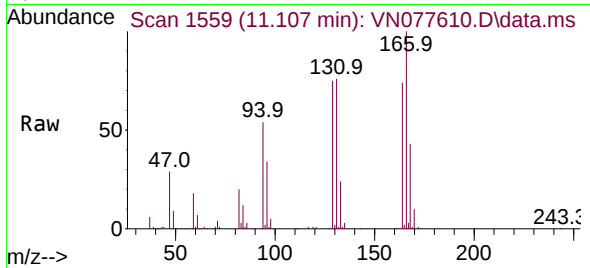
Tgt Ion: 95 Resp: 283626
Ion Ratio Lower Upper
95 100
174 69.0 53.4 80.0
176 65.6 50.0 75.0





#61
Tetrachloroethene
Concen: 19.307 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

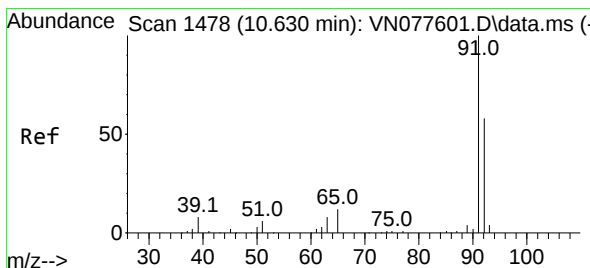
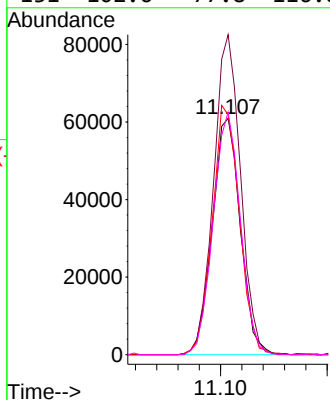
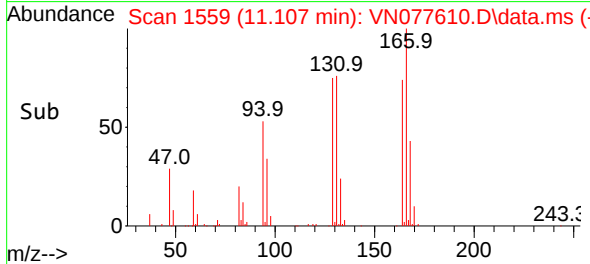


Tgt Ion:164 Resp: 11148
Ion Ratio Lower Upper
164 100
166 135.4 100.5 150.7
129 101.6 80.6 120.8
131 102.6 77.8 116.8

Manual Integrations
APPROVED

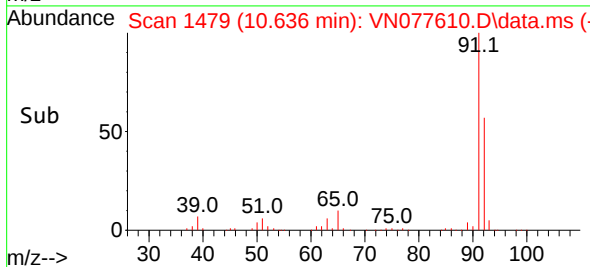
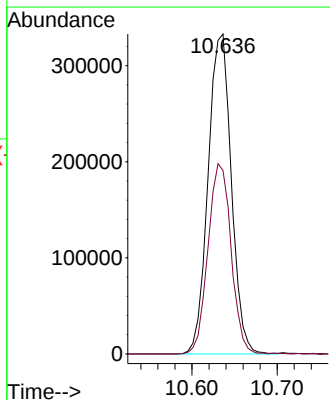
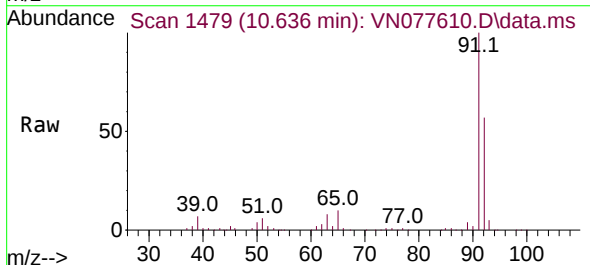
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

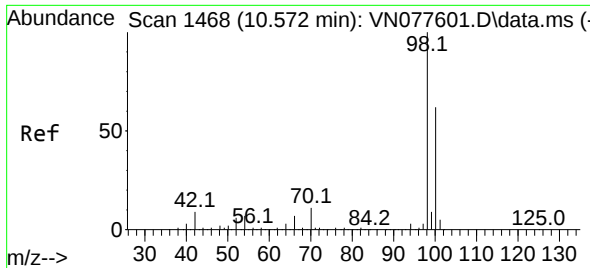
Supervised By :Mahesh
Dadoda
05/09/2023



#62
Toluene
Concen: 19.097 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

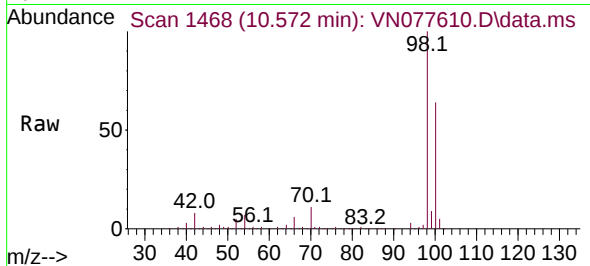
Tgt Ion: 91 Resp: 631176
Ion Ratio Lower Upper
91 100
92 59.0 47.0 70.6





#63
Toluene-d8
Concen: 29.807 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

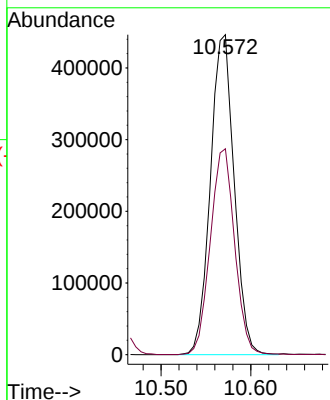
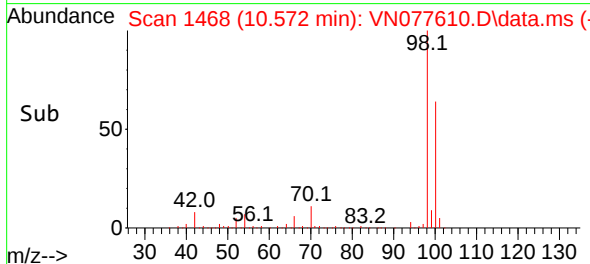
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



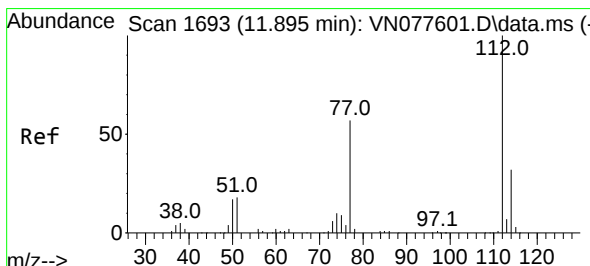
Tgt Ion: 98 Resp: 821838
Ion Ratio Lower Upper
98 100
100 65.8 52.1 78.1

Manual Integrations
APPROVED

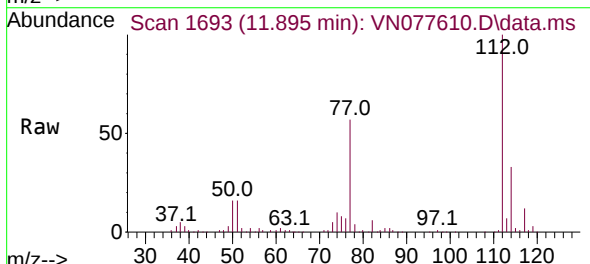
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



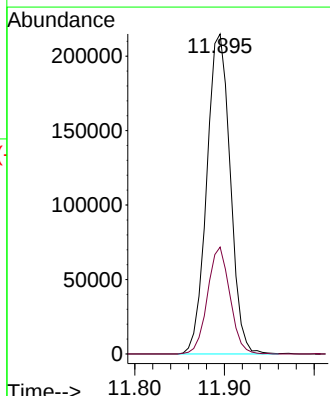
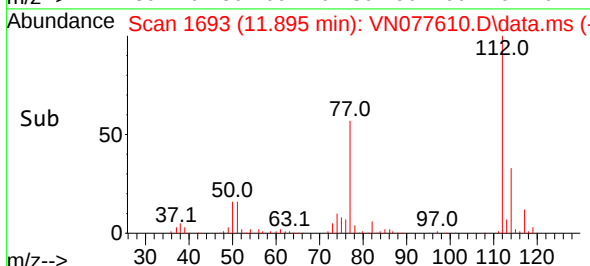
Supervised By :Mahesh
Dadoda
05/09/2023

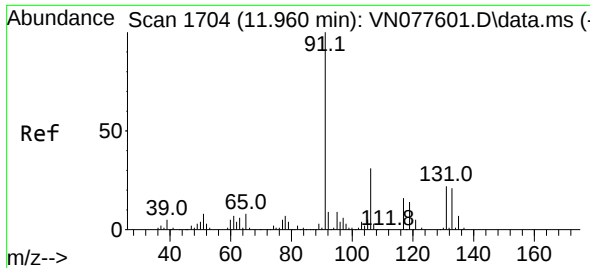


#64
Chlorobenzene
Concen: 19.211 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22



Tgt Ion:112 Resp: 390470
Ion Ratio Lower Upper
112 100
114 33.4 25.8 38.8





#65
1,1,1,2-Tetrachloroethane
Concen: 20.191 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

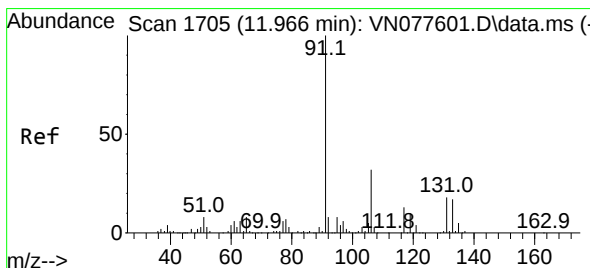
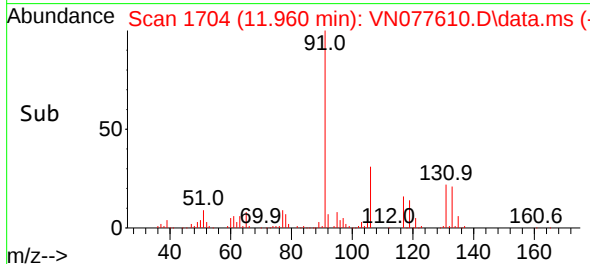
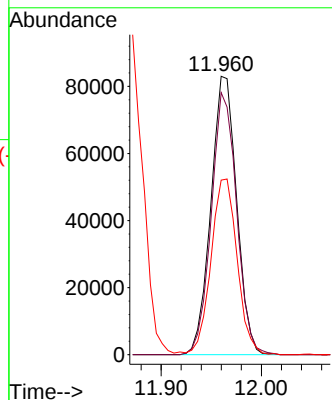
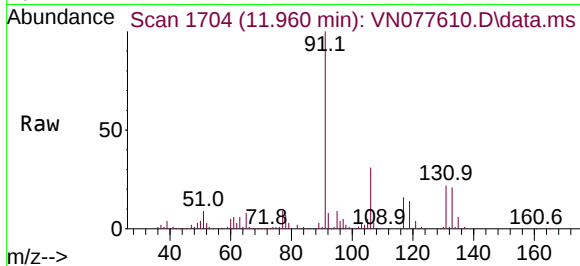
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:131 Resp: 14805
Ion Ratio Lower Upper
131 100
133 92.5 0.0 181.2
119 63.9 0.0 125.0

Manual Integrations
APPROVED

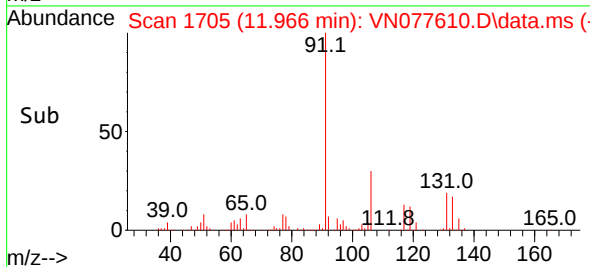
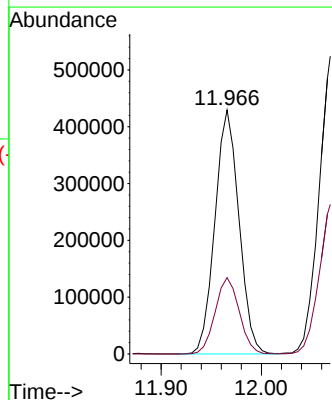
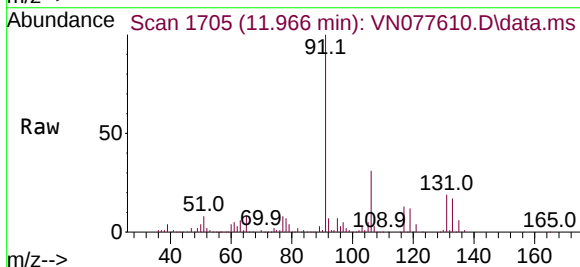
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

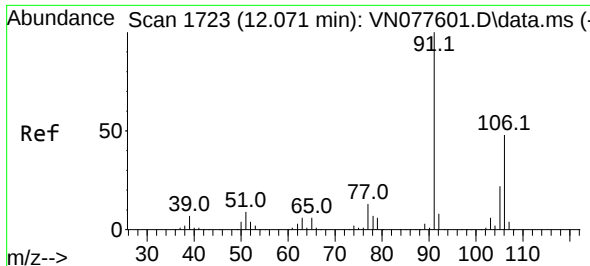
Supervised By :Mahesh
Dadoda
05/09/2023



#66
Ethyl Benzene
Concen: 19.500 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

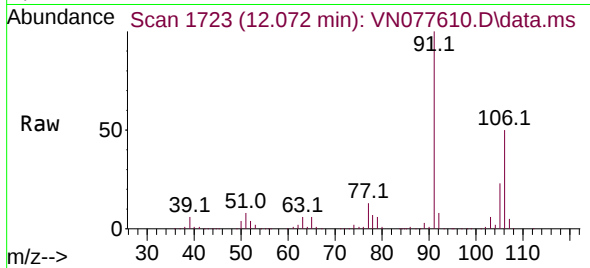
Tgt Ion: 91 Resp: 714097
Ion Ratio Lower Upper
91 100
106 31.3 25.7 38.5





#67
m/p-Xylenes
Concen: 38.982 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.001 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

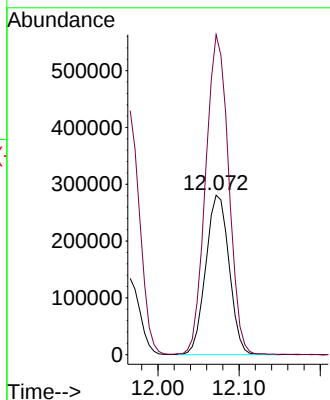
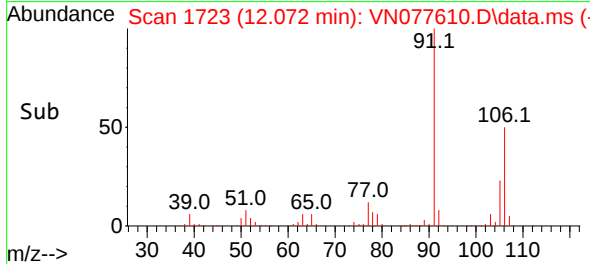
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



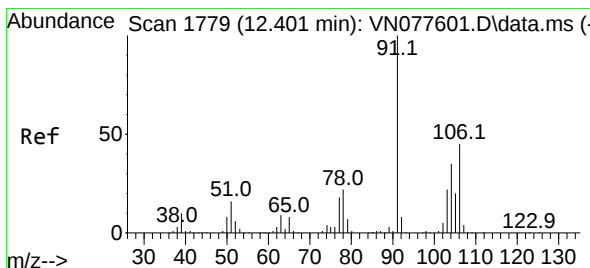
Tgt Ion:106 Resp: 561664
Ion Ratio Lower Upper
106 100
91 197.4 162.6 244.0

Manual Integrations
APPROVED

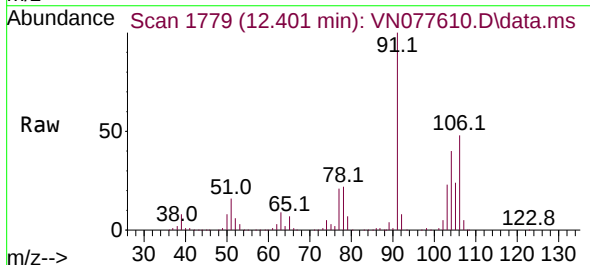
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



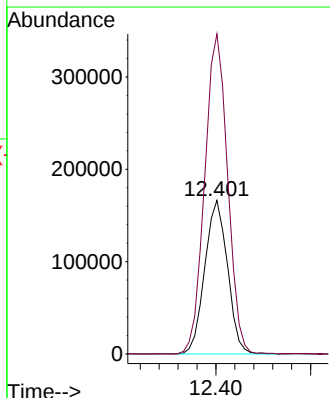
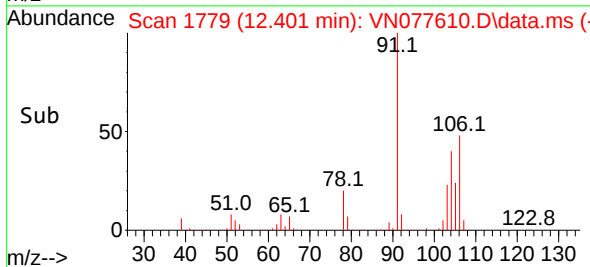
Supervised By :Mahesh
Dadoda
05/09/2023

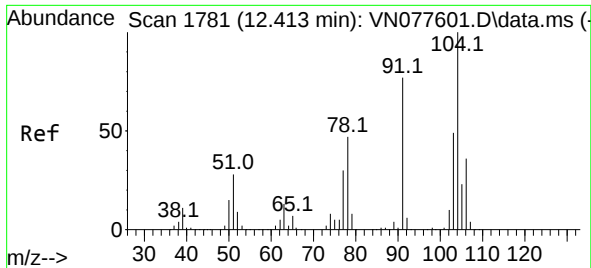


#68
o-Xylene
Concen: 19.536 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22



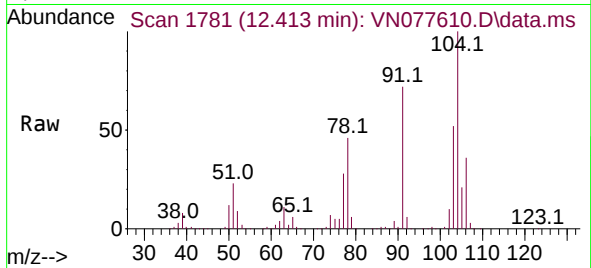
Tgt Ion:106 Resp: 277396
Ion Ratio Lower Upper
106 100
91 209.7 109.5 328.4





#69
Styrene
Concen: 19.242 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

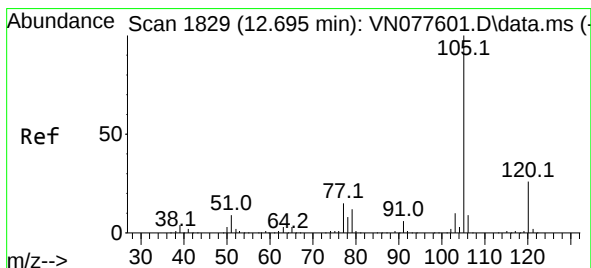
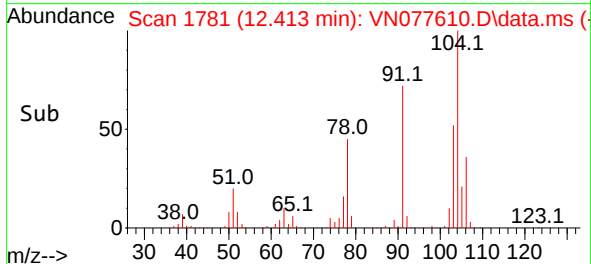
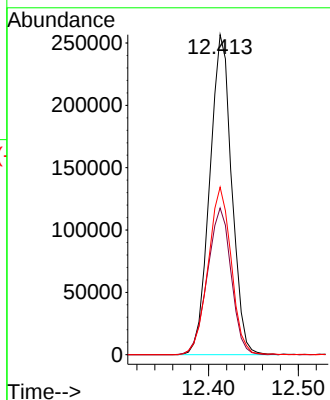


Tgt Ion:104 Resp: 436870
Ion Ratio Lower Upper
104 100
78 49.4 41.3 61.9
103 54.9 44.0 66.0

Manual Integrations
APPROVED

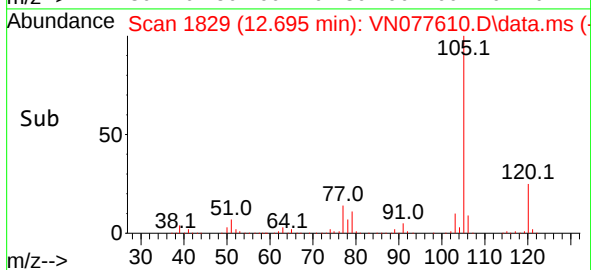
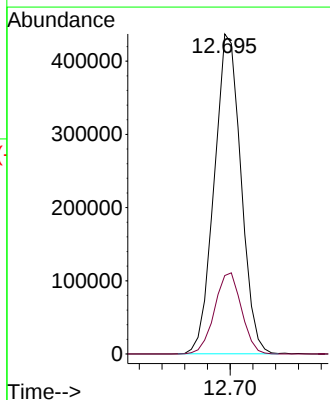
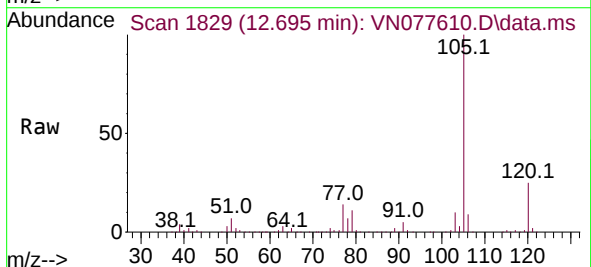
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

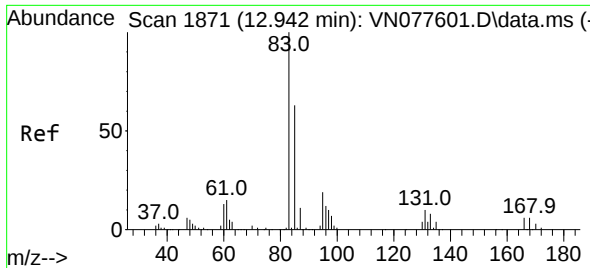
Supervised By :Mahesh
Dadoda
05/09/2023



#70
Isopropylbenzene
Concen: 19.355 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. 0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

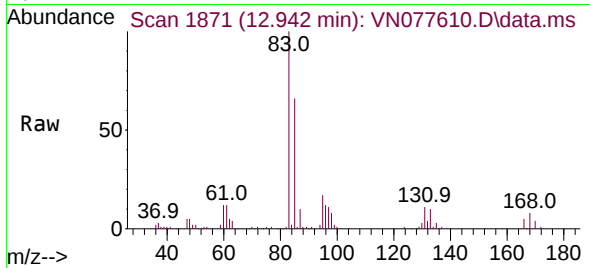
Tgt Ion:105 Resp: 713812
Ion Ratio Lower Upper
105 100
120 25.5 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 19.449 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

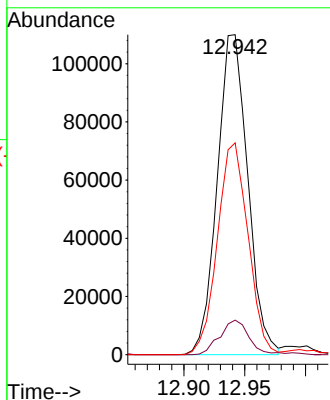
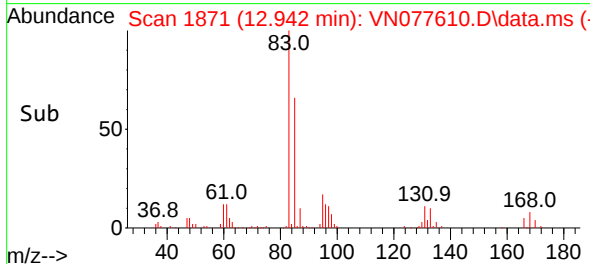
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



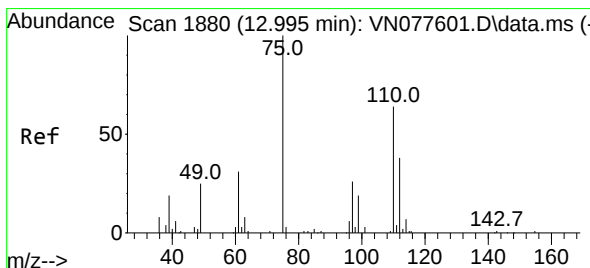
Tgt Ion: 83 Resp: 192359
Ion Ratio Lower Upper
83 100
131 10.3 4.8 14.3
85 66.3 33.4 100.2

Manual Integrations
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Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

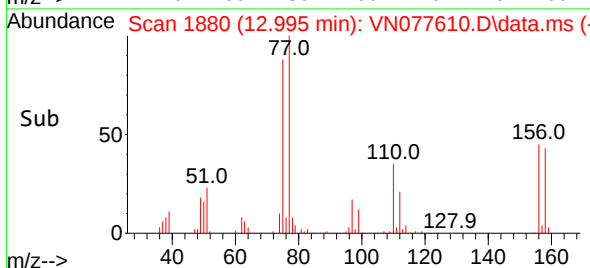
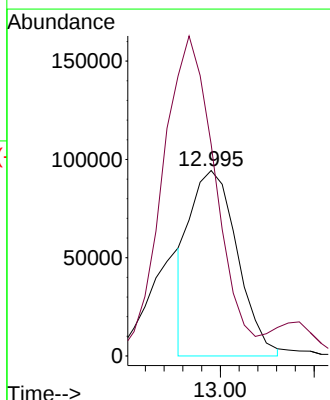
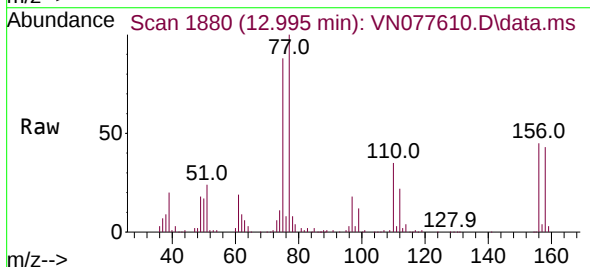


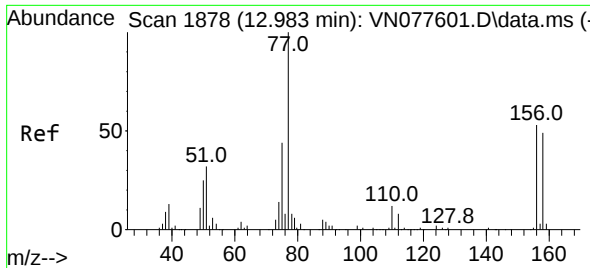
Supervised By :Mahesh
Dadoda
05/09/2023



#72
1,2,3-Trichloropropane
Concen: 19.015 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

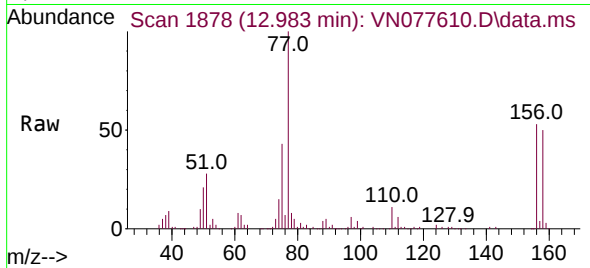
Tgt Ion: 75 Resp: 164683
Ion Ratio Lower Upper
75 100
77 193.9 0.0 354.6





#73
Bromobenzene
Concen: 19.273 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

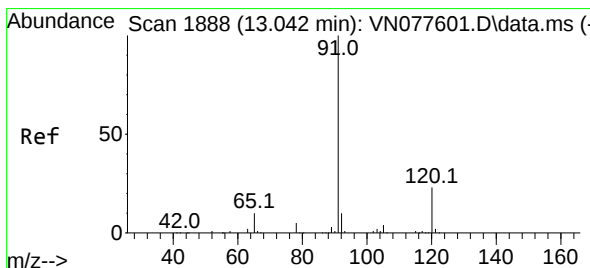
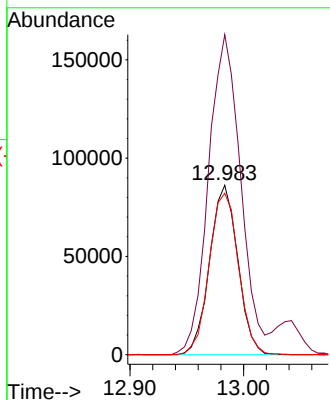
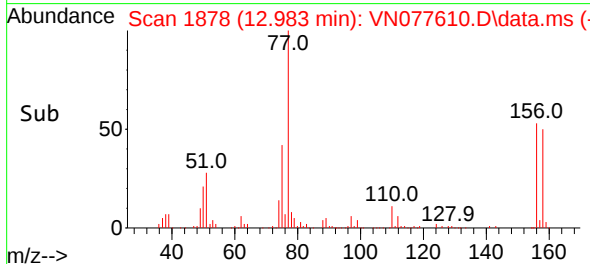


Tgt Ion:156 Resp: 148630
Ion Ratio Lower Upper
156 100
77 214.9 0.0 466.4
158 99.1 0.0 196.2

Manual Integrations
APPROVED

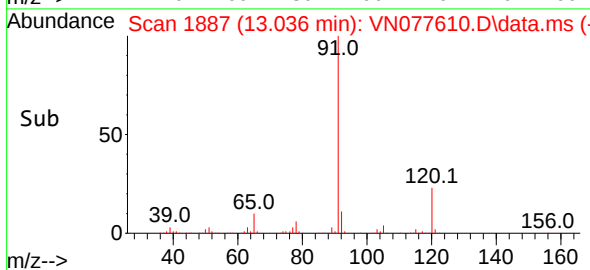
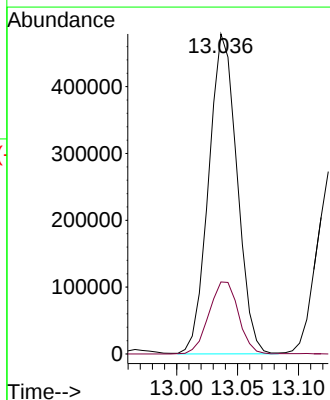
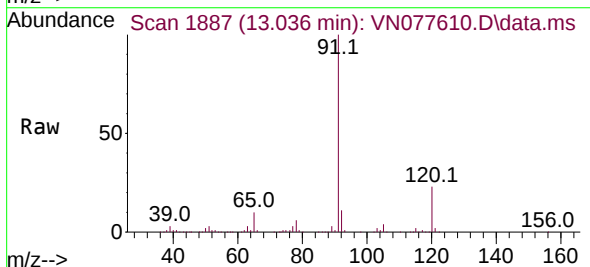
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

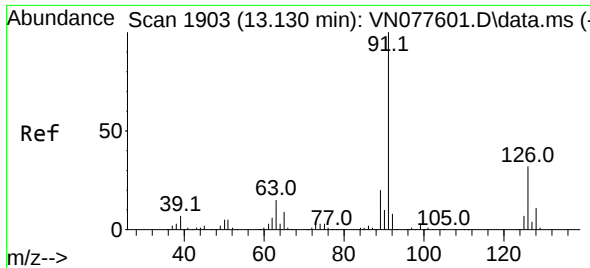
Supervised By :Mahesh
Dadoda
05/09/2023



#74
n-propylbenzene
Concen: 18.829 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Tgt Ion: 91 Resp: 776447
Ion Ratio Lower Upper
91 100
120 23.3 0.0 45.6





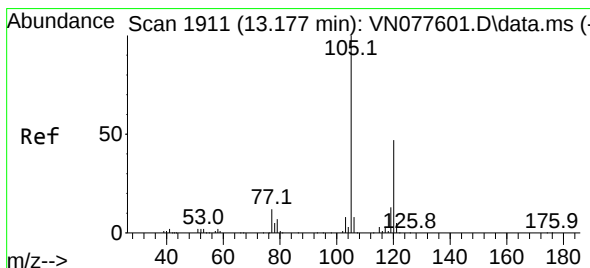
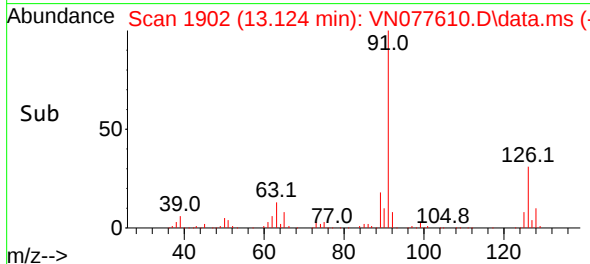
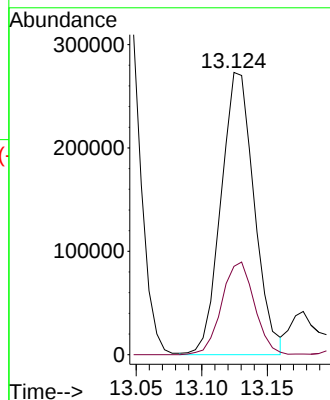
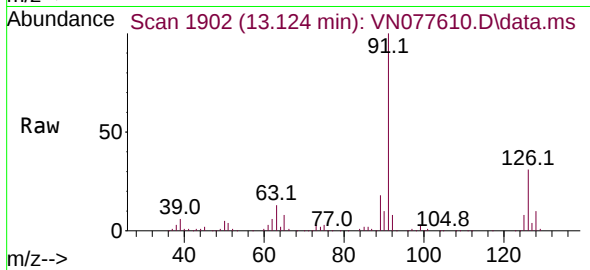
#75
2-Chlorotoluene
Concen: 19.311 ug/l
RT: 13.124 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 48162
Ion Ratio Lower Upper
91 100
126 32.2 0.0 65.0

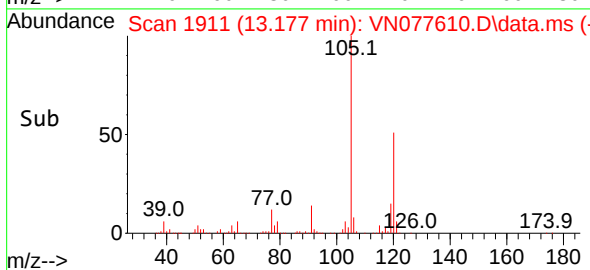
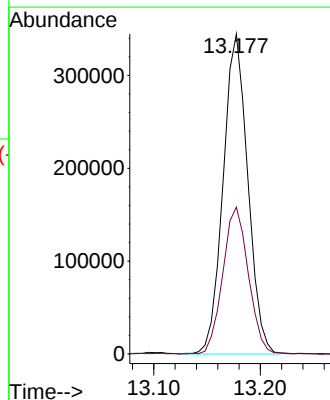
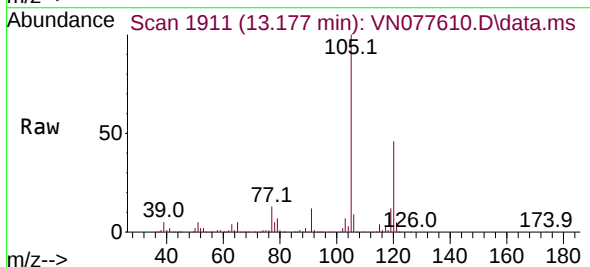
Manual Integrations
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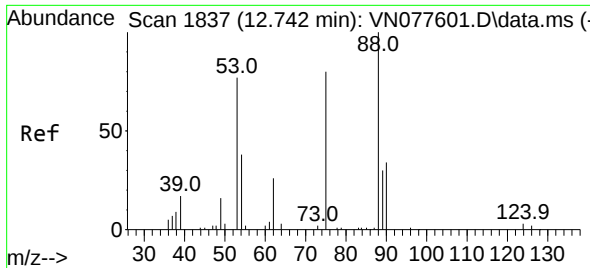
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#76
1,3,5-Trimethylbenzene
Concen: 18.987 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

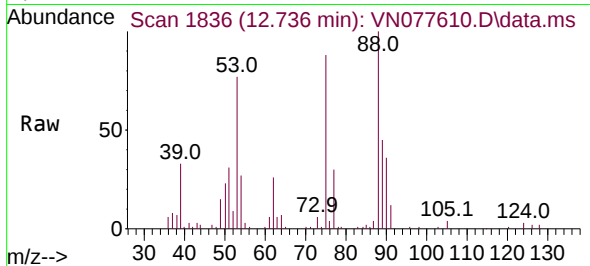
Tgt Ion:105 Resp: 553416
Ion Ratio Lower Upper
105 100
120 47.5 0.0 95.2





#77
t-1,4-Dichloro-2-butene
Concen: 19.381 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

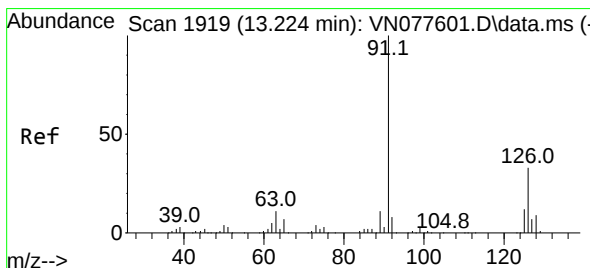
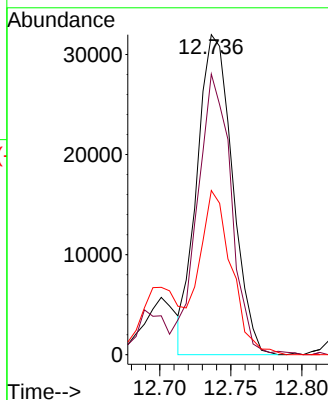
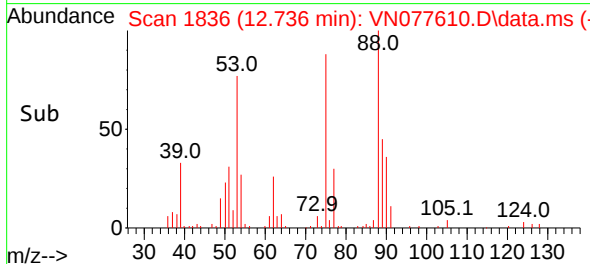


Tgt Ion: 75 Resp: 5556
Ion Ratio Lower Upper
75 100
53 86.6 46.9 140.7
89 50.6 21.0 63.0

Manual Integrations
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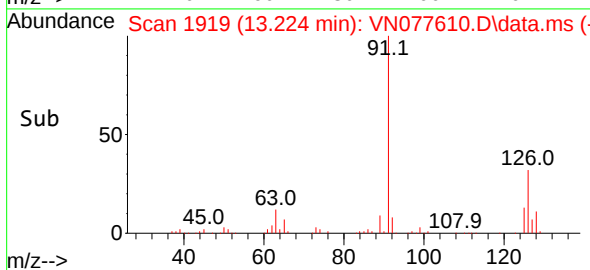
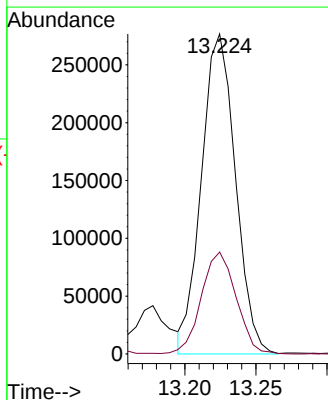
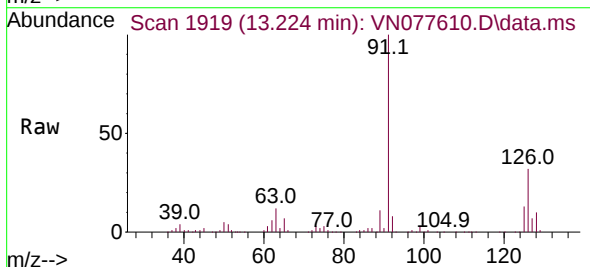
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

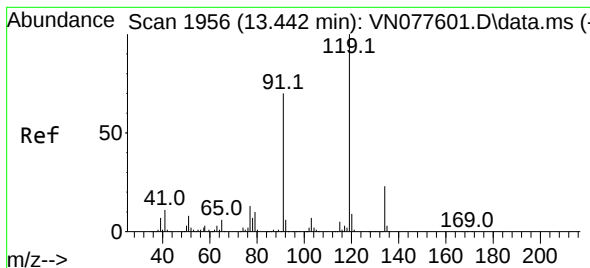
Supervised By :Mahesh
Dadoda
05/09/2023



#78
4-Chlorotoluene
Concen: 18.901 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Tgt Ion: 91 Resp: 460269
Ion Ratio Lower Upper
91 100
126 32.6 0.0 64.6





#79
tert-butylbenzene
Concen: 18.848 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

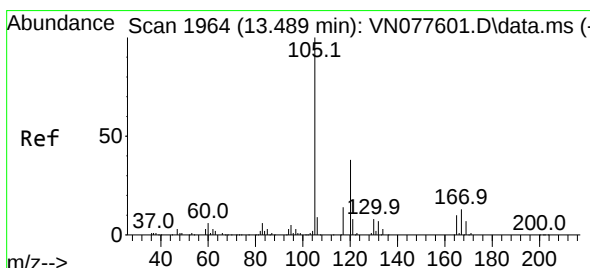
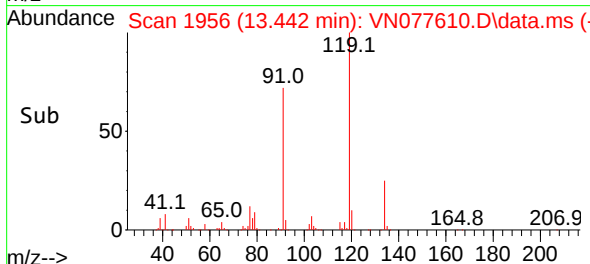
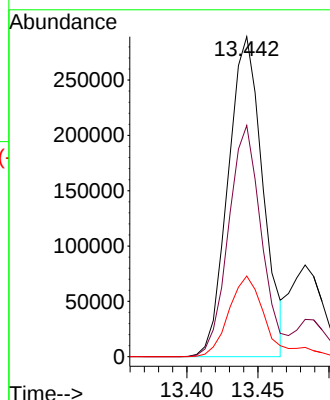
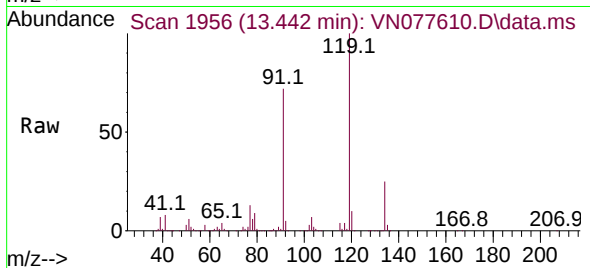
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 492000
Ion Ratio Lower Upper
119 100
91 69.3 0.0 141.6
134 25.0 0.0 46.6

Manual Integrations
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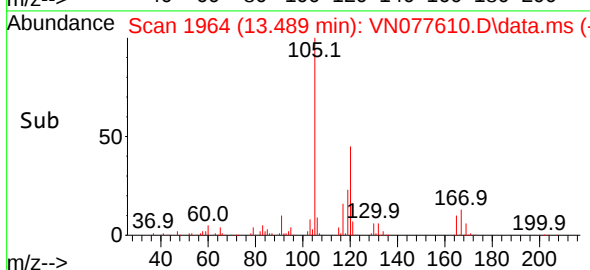
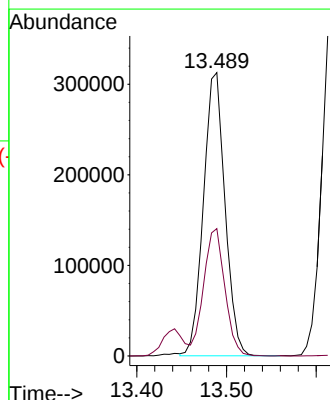
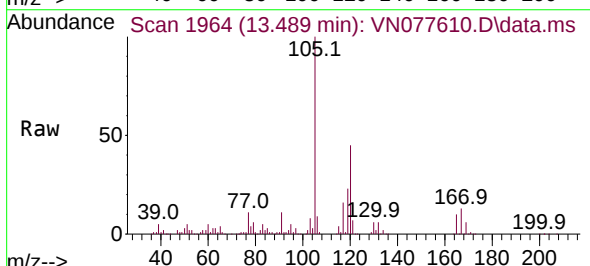
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

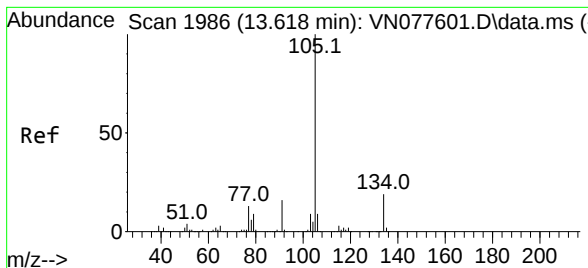
Supervised By :Mahesh
Dadoda
05/09/2023



#80
1,2,4-Trimethylbenzene
Concen: 18.441 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Tgt Ion:105 Resp: 521628
Ion Ratio Lower Upper
105 100
120 44.1 0.0 88.0





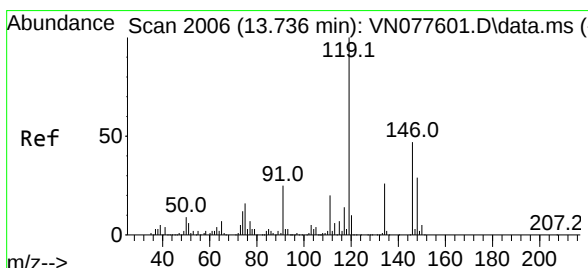
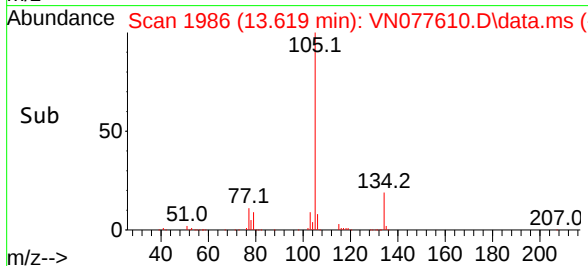
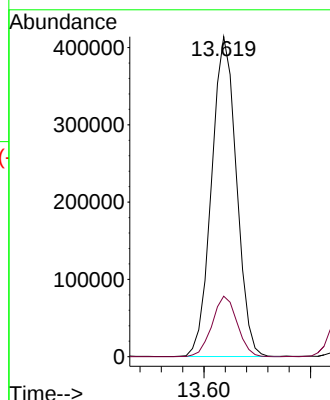
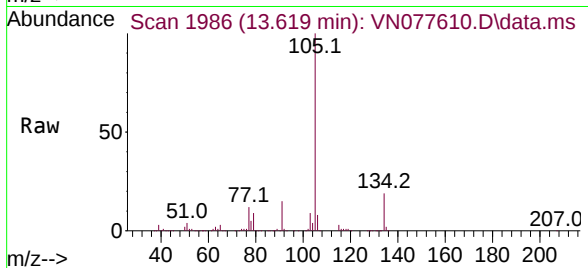
#81
 sec-Butylbenzene
 Concen: 18.310 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.001 min
 Lab File: VN077610.D
 Acq: 08 May 2023 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion:105 Resp: 67088
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 37.8

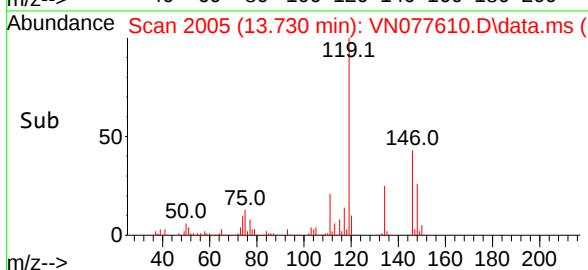
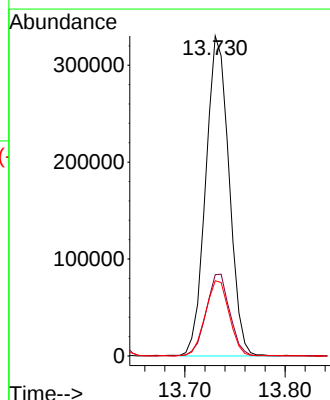
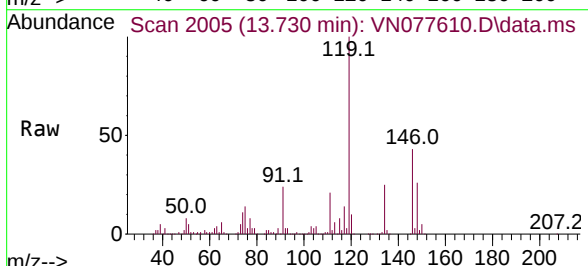
Manual Integrations
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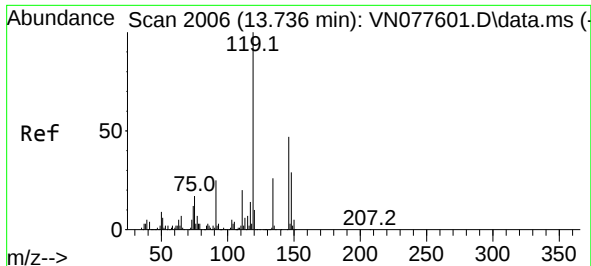
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/09/2023



#82
 p-Isopropyltoluene
 Concen: 18.345 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.006 min
 Lab File: VN077610.D
 Acq: 08 May 2023 11:22

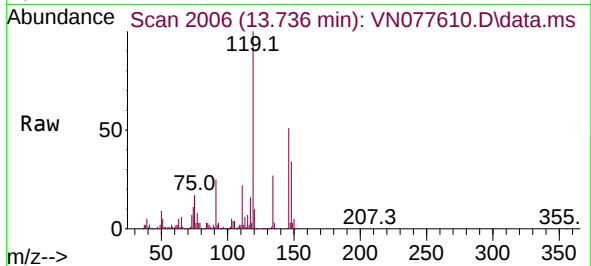
Tgt Ion:119 Resp: 534800
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 52.2
 91 24.0 0.0 51.2





#83
1,3-Dichlorobenzene
Concen: 18.565 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

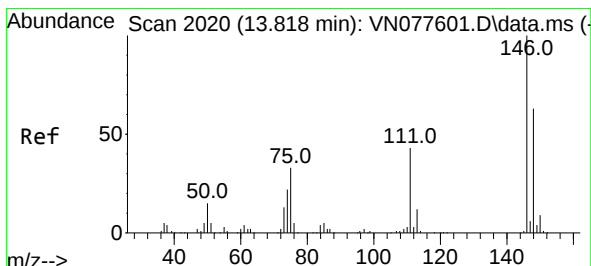
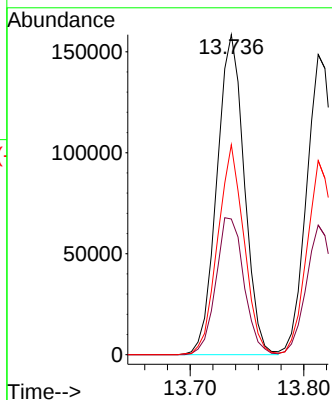
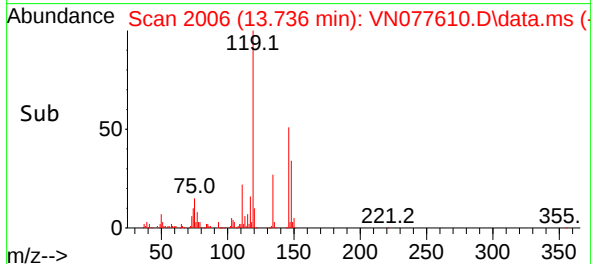


Tgt Ion:146 Resp: 265859
Ion Ratio Lower Upper
146 100
111 43.8 22.1 66.1
148 62.9 32.5 97.4

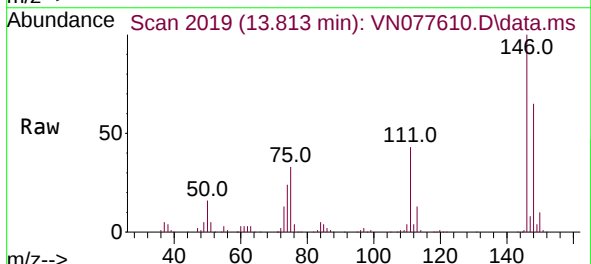
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

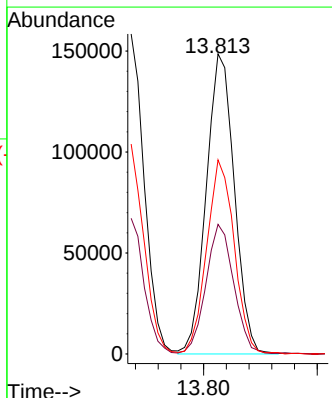
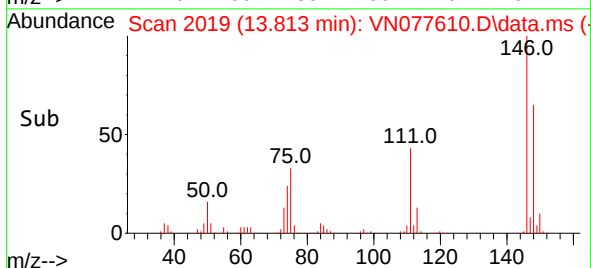
Supervised By :Mahesh
Dadoda
05/09/2023

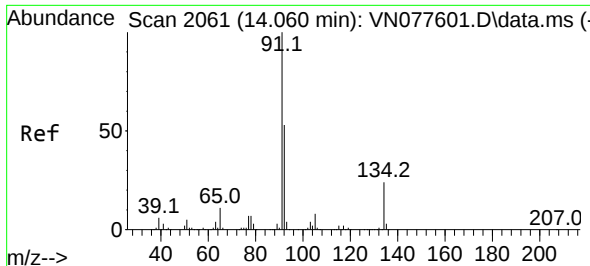


#84
1,4-Dichlorobenzene
Concen: 18.217 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.005 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22



Tgt Ion:146 Resp: 255386
Ion Ratio Lower Upper
146 100
111 42.8 20.8 62.4
148 63.4 31.1 93.5





#85
n-Butylbenzene
Concen: 16.762 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

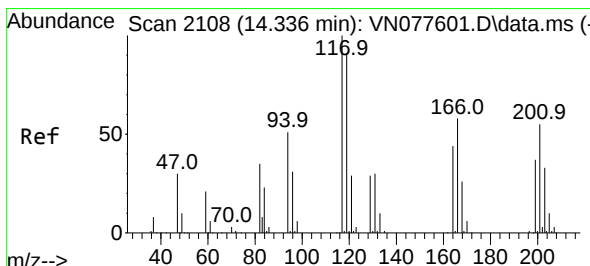
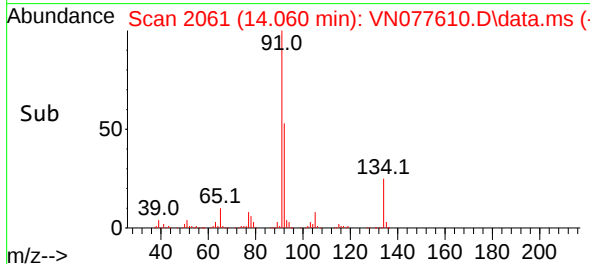
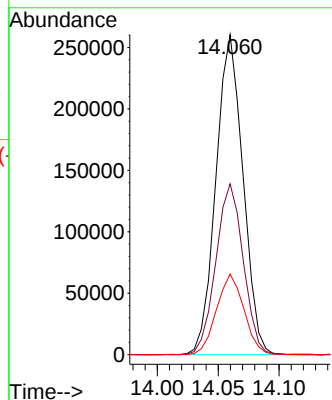
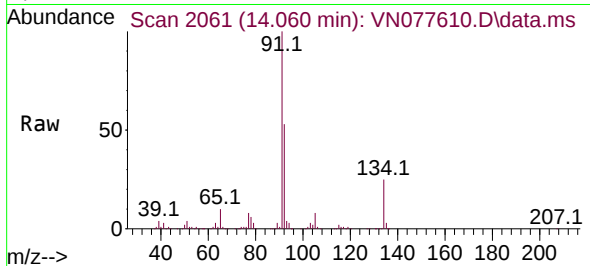
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 40201
Ion Ratio Lower Upper
91 100
92 54.2 0.0 107.0
134 25.5 0.0 50.2

Manual Integrations
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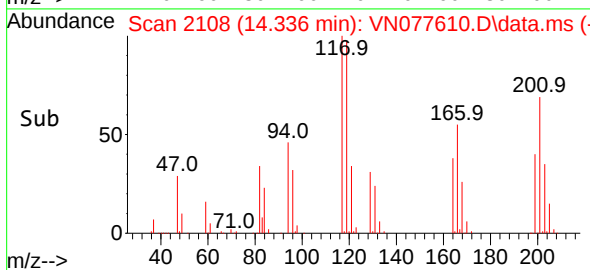
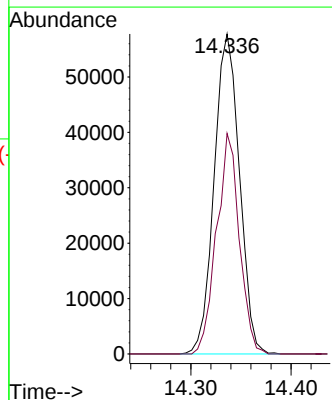
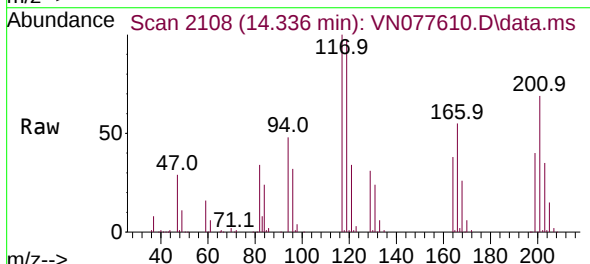
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

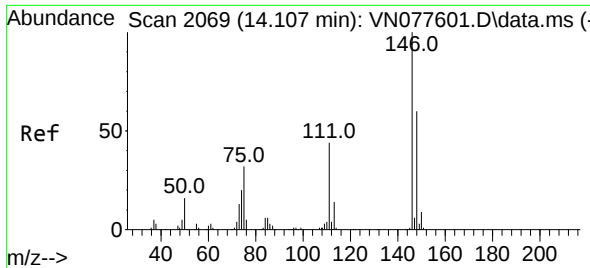
Supervised By :Mahesh
Dadoda
05/09/2023



#86
Hexachloroethane
Concen: 18.630 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

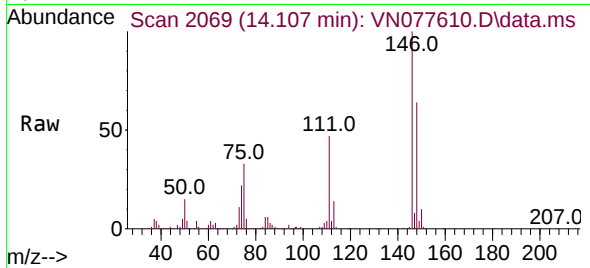
Tgt Ion:117 Resp: 101219
Ion Ratio Lower Upper
117 100
201 61.9 28.1 84.4





#87
1,2-Dichlorobenzene
Concen: 18.854 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

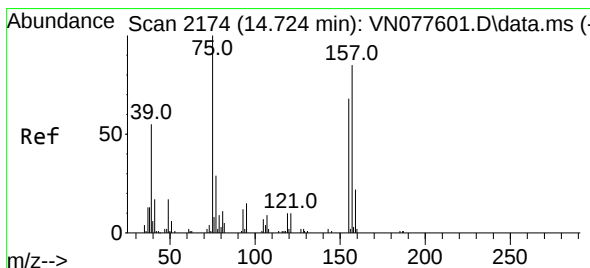
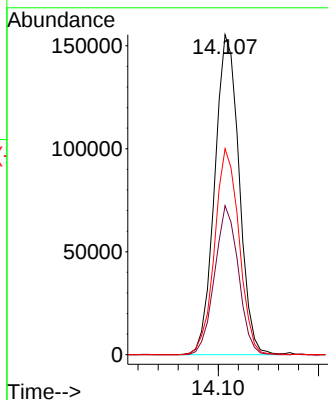
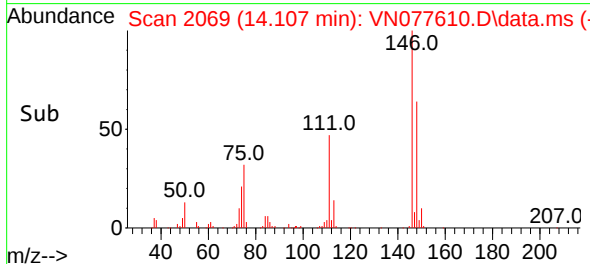


Tgt Ion:146 Resp: 26208
Ion Ratio Lower Upper
146 100
111 45.4 22.7 68.0
148 64.7 31.0 93.0

Manual Integrations
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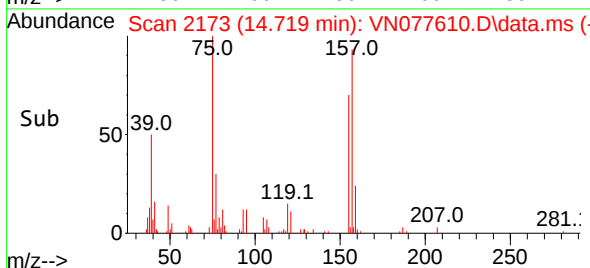
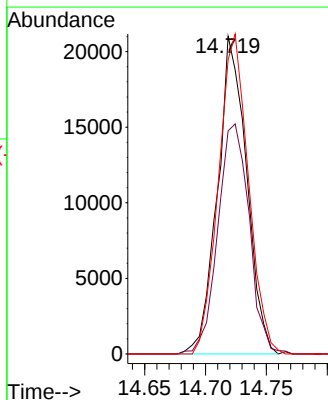
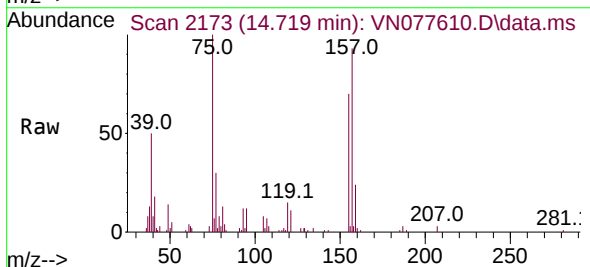
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

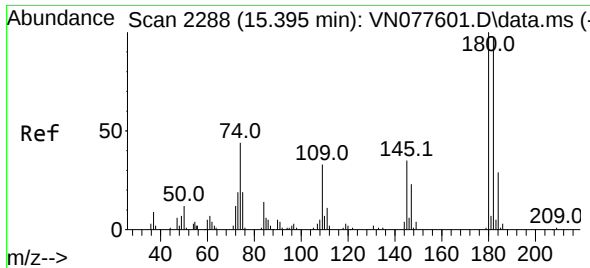
Supervised By :Mahesh
Dadoda
05/09/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.431 ug/l
RT: 14.719 min Scan# 2173
Delta R.T. -0.005 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

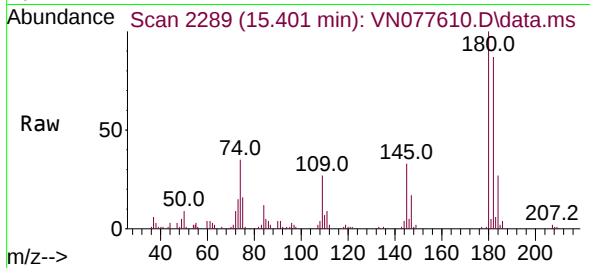
Tgt Ion: 75 Resp: 34923
Ion Ratio Lower Upper
75 100
155 77.6 63.1 94.7
157 103.6 75.5 113.3





#89
1,2,4-Trichlorobenzene
Concen: 16.189 ug/l
RT: 15.401 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

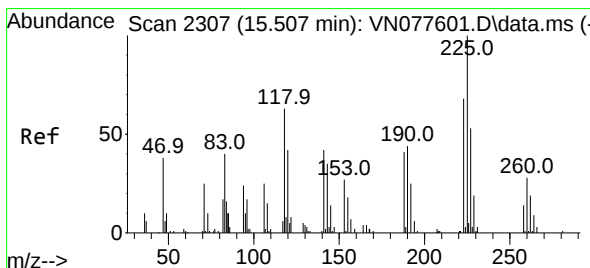
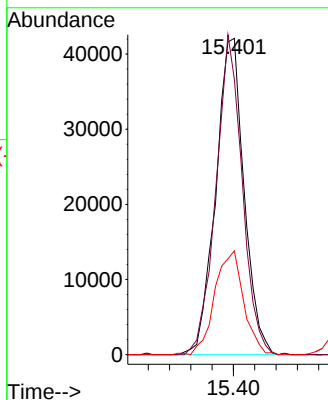
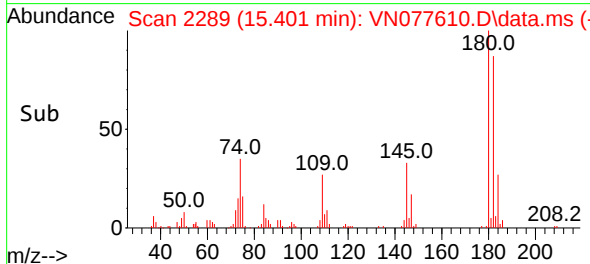


Tgt Ion:180 Resp: 7753
Ion Ratio Lower Upper
180 100
182 93.6 75.1 112.7
145 33.4 28.6 43.0

Manual Integrations
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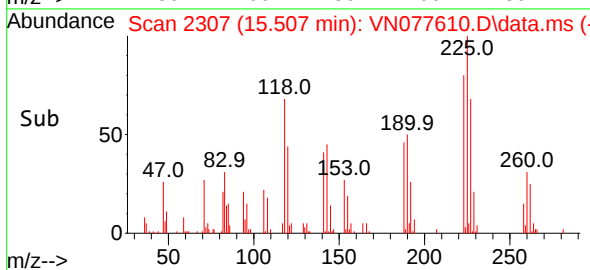
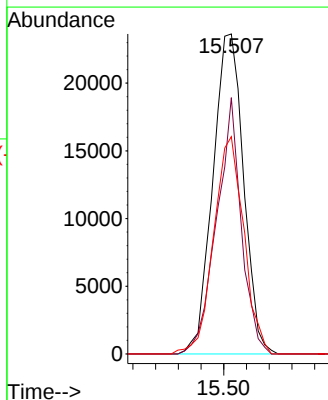
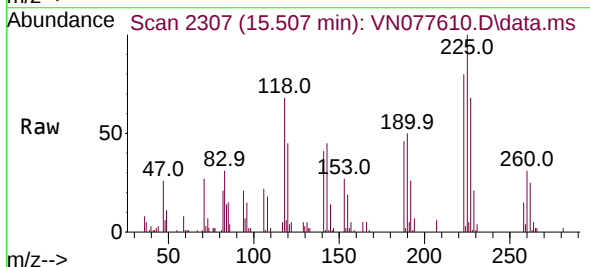
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

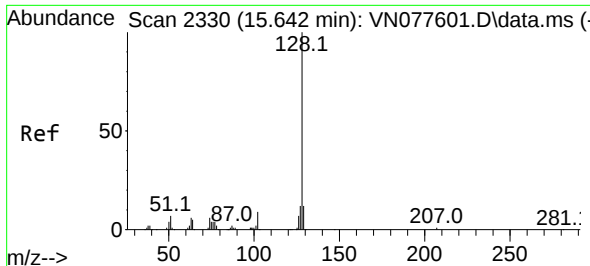
Supervised By :Mahesh
Dadoda
05/09/2023



#90
Hexachlorobutadiene
Concen: 16.411 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

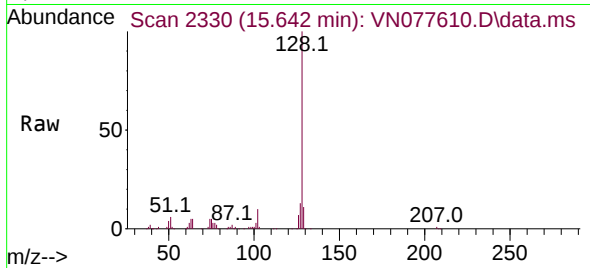
Tgt Ion:225 Resp: 44320
Ion Ratio Lower Upper
225 100
223 64.4 0.0 132.2
227 66.6 0.0 116.2





#91
Naphthalene
Concen: 16.407 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

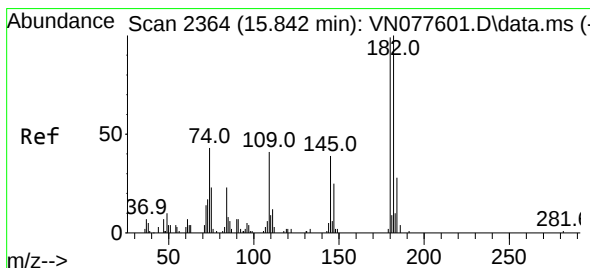
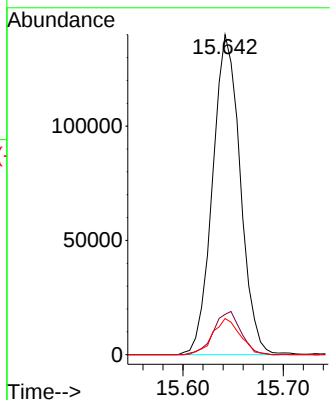
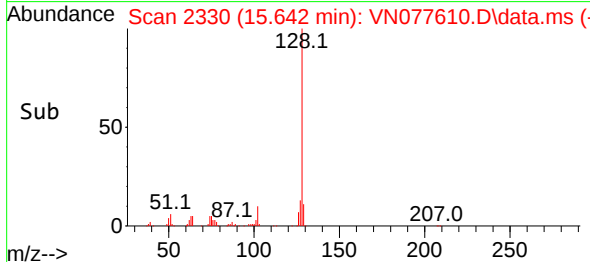


Tgt Ion:128 Resp: 26842
Ion Ratio Lower Upper
128 100
127 13.4 9.6 14.4
129 11.2 9.1 13.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

Supervised By :Mahesh
Dadoda
05/09/2023



#92
1,2,3-Trichlorobenzene
Concen: 16.250 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077610.D
Acq: 08 May 2023 11:22

Tgt Ion:180 Resp: 71672
Ion Ratio Lower Upper
180 100
182 93.9 0.0 193.4
145 36.4 0.0 78.6

