

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041423\
 Data File : VN077341.D
 Acq On : 14 Apr 2023 09:29
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Apr 17 05:04:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

04/17/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Bromochloromethane	7.819	128	50824	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	390614	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	423016	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	123332	28.613	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.367%
60) 4-Bromofluorobenzene	12.854	95	216106	29.545	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.467%
63) Toluene-d8	10.572	98	442210	29.736	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.133%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	92737	19.193	ug/l	99
3) Chloromethane	2.372	50	110528	17.219	ug/l	99
4) Vinyl Chloride	2.525	62	163125	17.742	ug/l	96
5) Bromomethane	2.960	94	117931	17.022	ug/l	96
6) Chloroethane	3.131	64	115923	18.810	ug/l	95
7) Trichlorofluoromethane	3.507	101	162969	19.036	ug/l	98
8) Diethyl Ether	3.972	74	66484	18.220	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.378	101	103060	19.251	ug/l	88
10) 1,1-Dichloroethene	4.348	96	96571	18.032	ug/l	95
11) Methyl Iodide	4.595	142	120042	19.841	ug/l	98
12) Methyl Acetate	5.037	43	142602	17.872	ug/l	100
13) Acrolein	4.190	56	93429	94.335	ug/l	99
14) Acrylonitrile	5.731	53	233248	85.522	ug/l	99
15) Acetone	4.437	58	76646	77.464	ug/l	94
16) Carbon Disulfide	4.719	76	242048	17.123	ug/l	99
17) Allyl chloride	5.031	41	105156	15.253	ug/l	90
18) Methylene Chloride	5.284	84	112932	18.159	ug/l	95
19) trans-1,2-Dichloroethene	5.789	96	104039	17.866	ug/l	95
20) Diisopropyl ether	6.689	45	283875m	17.277	ug/l	
21) 1,1-Dichloroethane	6.578	63	189620	18.207	ug/l	94
22) cis-1,2-Dichloroethene	7.495	96	134127	18.894	ug/l	95
23) tert-Butyl Alcohol	5.531	59	104630	86.277	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	352233	18.269	ug/l	99
25) Chloroform	7.972	83	209470	18.559	ug/l	100
26) Cyclohexane	8.266	56	157030	17.352	ug/l #	96
29) 1,1-Dichloropropene	8.378	75	150329	17.766	ug/l	98
30) 2-Butanone	7.489	43	307468	76.839	ug/l	96
31) 2,2-Dichloropropane	7.495	77	181272	17.451	ug/l	100
32) 1,1,1-Trichloroethane	8.172	97	189911	18.237	ug/l	99
33) Carbon Tetrachloride	8.372	117	162161	18.245	ug/l	89
34) Benzene	8.613	78	478259	18.267	ug/l	98
35) Methacrylonitrile	7.783	41	63000	16.713	ug/l	92
36) 1,2-Dichloroethane	8.678	62	149647	18.231	ug/l	99
37) Trichloroethene	9.354	130	119828	18.711	ug/l	100
38) Methylcyclohexane	9.607	83	204999	17.863	ug/l	98
39) 1,2-Dichloropropane	9.630	63	117778	18.121	ug/l	97
40) Dibromomethane	9.713	93	85026	18.156	ug/l	98
41) Bromodichloromethane	9.895	83	168475	18.042	ug/l #	96
42) Vinyl Acetate	6.613	43	1091001m	94.206	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	124446	16.810	ug/l	95
44) Isopropyl Acetate	8.695	43	224552	16.941	ug/l #	100
45) 1,4-Dioxane	9.695	88	50219	359.233	ug/l	93
46) Methyl methacrylate	9.683	41	93670	16.413	ug/l	87
47) n-amyl Acetate	12.501	43	199012	17.180	ug/l	99
48) t-1,3-Dichloropropene	10.842	75	177251	16.961	ug/l	97
49) cis-1,3-Dichloropropene	10.319	75	198696	17.872	ug/l	96
50) 1,1,2-Trichloroethane	11.019	97	122743	18.045	ug/l	96
51) Ethyl methacrylate	10.877	69	183287	17.546	ug/l	97
52) 1,3-Dichloropropane	11.171	76	205072	18.064	ug/l	99
53) Dibromochloromethane	11.360	129	133566	18.630	ug/l	99
54) 1,2-Dibromoethane	11.471	107	122633	17.959	ug/l	98
55) 2-Chloroethyl vinyl ether	10.166	63	298479	92.548	ug/l	96
56) Bromoform	12.583	173	86326	17.925	ug/l	99
58) 4-Methyl-2-Pentanone	10.448	43	679765	85.825	ug/l	99
59) 2-Hexanone	11.195	43	492764	80.489	ug/l	98
61) Tetrachloroethene	11.107	164	91790	18.243	ug/l	95
62) Toluene	10.636	91	543720	18.422	ug/l	99
64) Chlorobenzene	11.895	112	333839	18.618	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.966	131	126228	19.143	ug/l	98
66) Ethyl Benzene	11.966	91	599253	18.327	ug/l	97
67) m/p-Xylenes	12.077	106	474093	36.990	ug/l	100
68) o-Xylene	12.401	106	235113	18.336	ug/l	97
69) Styrene	12.413	104	372834	18.149	ug/l	100
70) Isopropylbenzene	12.701	105	607714	18.675	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	182581	18.322	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	133351m	19.686	ug/l	
73) Bromobenzene	12.983	156	125904	19.044	ug/l	94
74) n-propylbenzene	13.042	91	677575	18.820	ug/l	100
75) 2-Chlorotoluene	13.130	91	410890	19.050	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	494381	18.666	ug/l	99
77) t-1,4-Dichloro-2-butene	12.742	75	57760	16.741	ug/l	94
78) 4-Chlorotoluene	13.224	91	373213	18.313	ug/l	100
79) tert-butylbenzene	13.442	119	427585	18.550	ug/l	98
80) 1,2,4-Trimethylbenzene	13.489	105	464234	17.981	ug/l	100
81) sec-Butylbenzene	13.618	105	623728	18.947	ug/l	99
82) p-Isopropyltoluene	13.736	119	492349	18.668	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	228199	18.205	ug/l	100
84) 1,4-Dichlorobenzene	13.818	146	223570	18.383	ug/l	98
85) n-Butylbenzene	14.060	91	391856	17.980	ug/l	99
86) Hexachloroethane	14.336	117	97123	17.312	ug/l	93
87) 1,2-Dichlorobenzene	14.112	146	225747	18.380	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.724	75	31831	16.669	ug/l	98
89) 1,2,4-Trichlorobenzene	15.371	180	65136	13.482	ug/l	97
90) Hexachlorobutadiene	15.465	225	46593	18.804	ug/l	98
91) Naphthalene	15.589	128	248440	13.460	ug/l	99
92) 1,2,3-Trichlorobenzene	15.759	180	64342	13.649	ug/l	99

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

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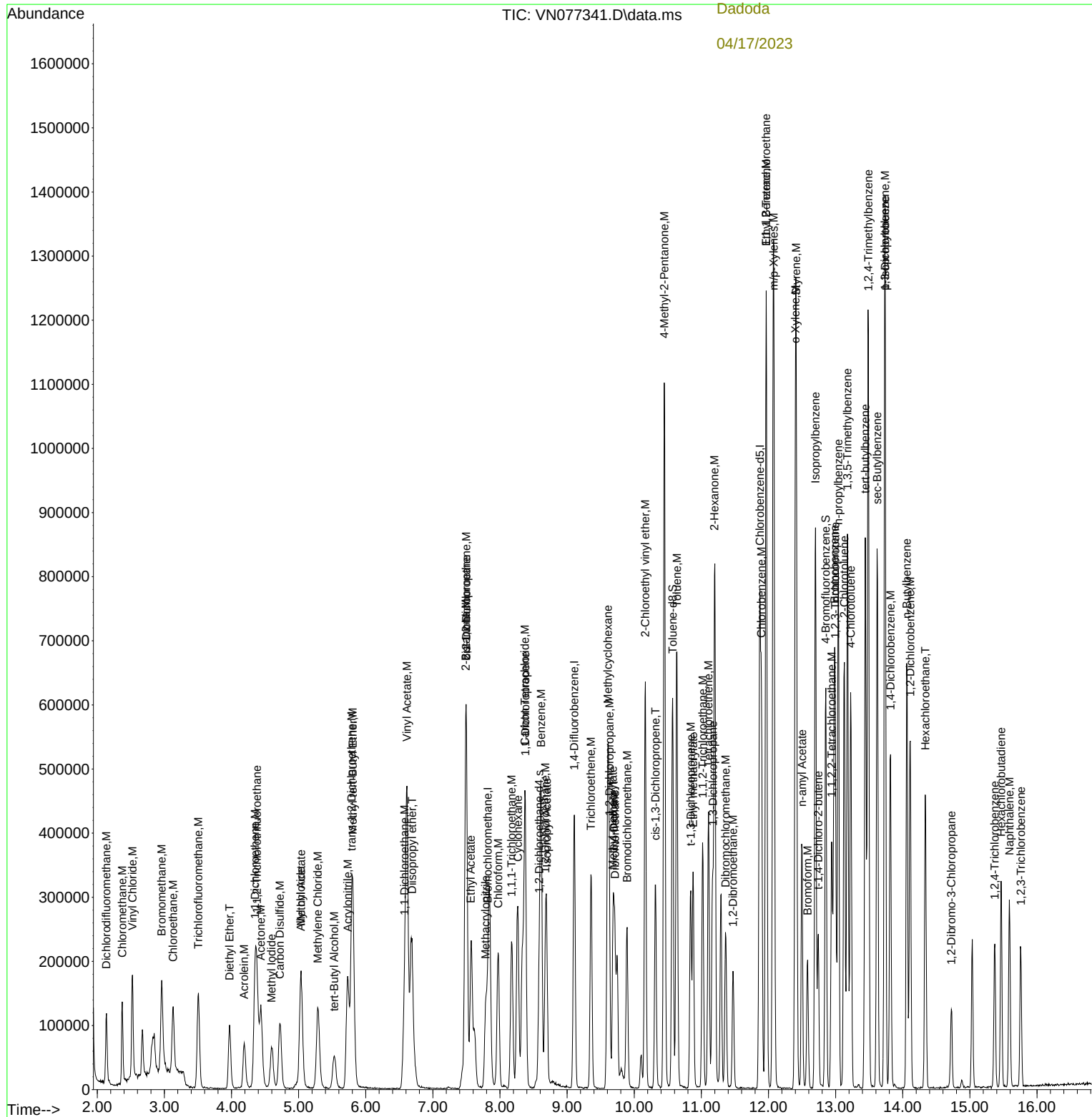
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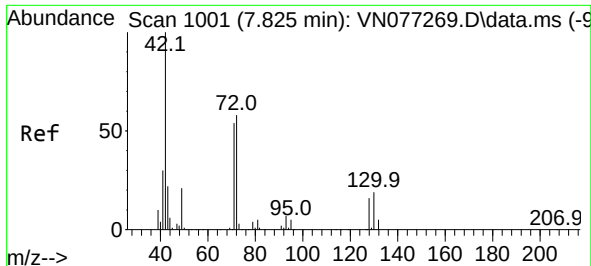
Manual Integrations APPROVED

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 Carlone

04/17/2023
 Supervised By :Mahesh
 Dadoda

04/17/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VN077341.D
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Instrument :
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ClientSampleId :
VSTDCCC020

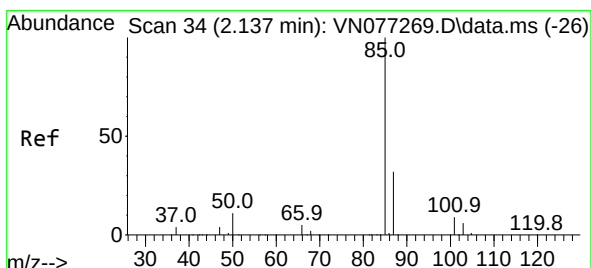
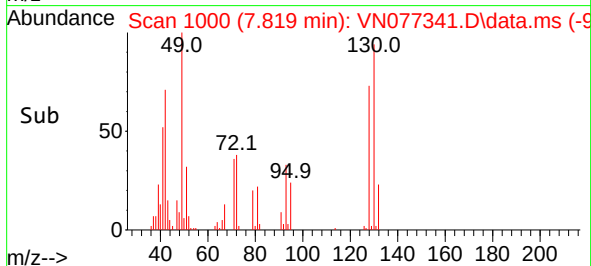
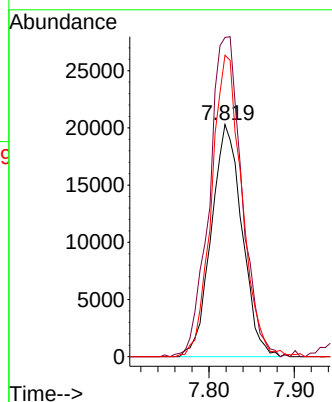
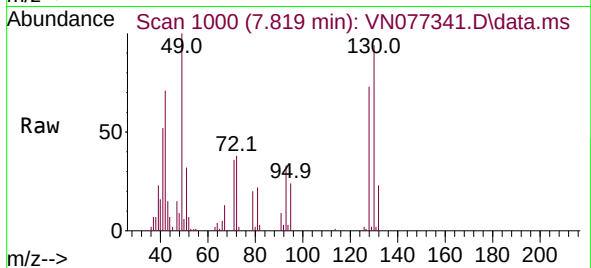
Tgt Ion:128 Resp: 50824
Ion Ratio Lower Upper
128 100
49 146.2 0.0 379.5
130 127.7 0.0 322.8

Manual Integrations
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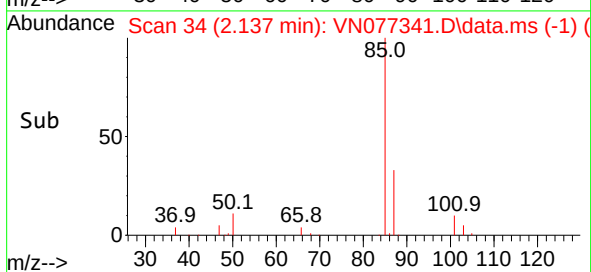
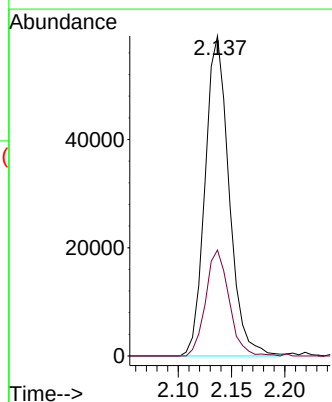
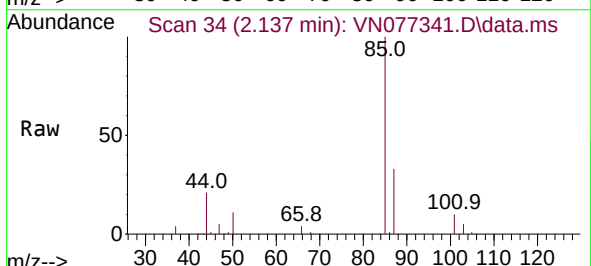
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Supervised By :Mahesh
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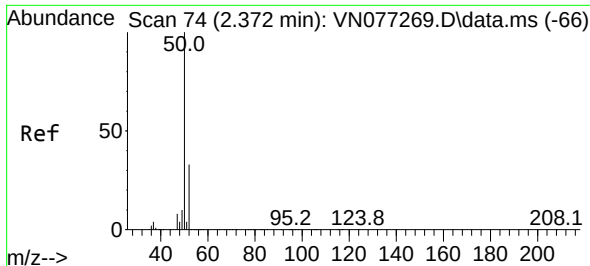
04/17/2023



#2
Dichlorodifluoromethane
Concen: 19.193 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

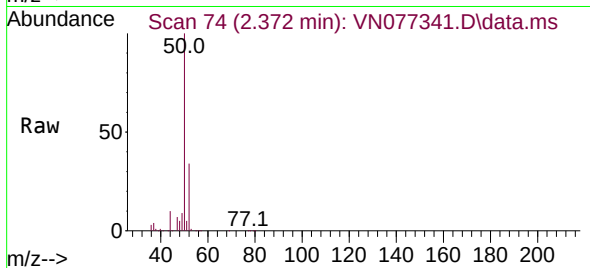
Tgt Ion: 85 Resp: 92737
Ion Ratio Lower Upper
85 100
87 33.1 16.2 48.6





#3
Chloromethane
Concen: 17.219 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



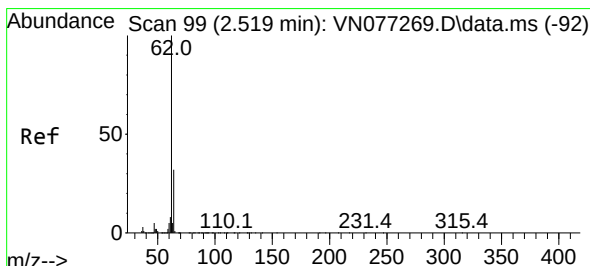
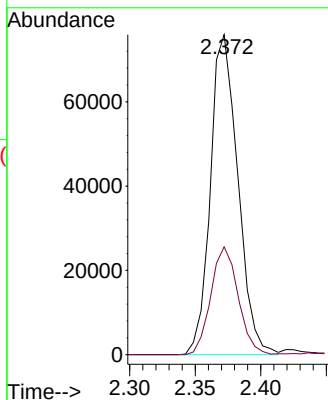
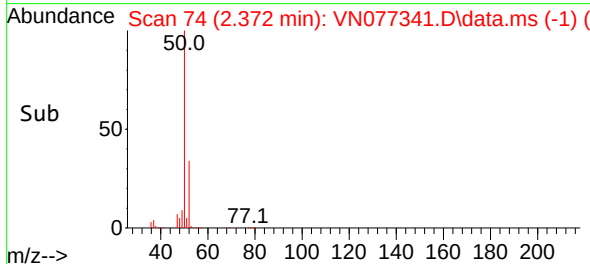
Tgt Ion: 50 Resp: 110528
Ion Ratio Lower Upper
50 100
52 33.7 26.4 39.6

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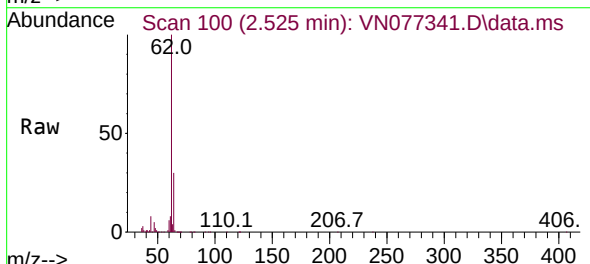
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Carlone

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Supervised By :Mahesh
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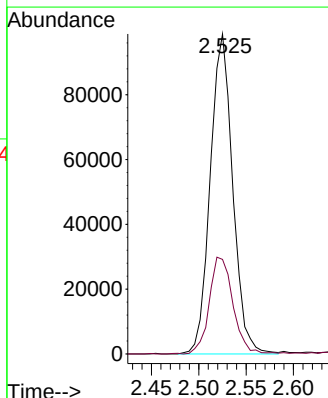
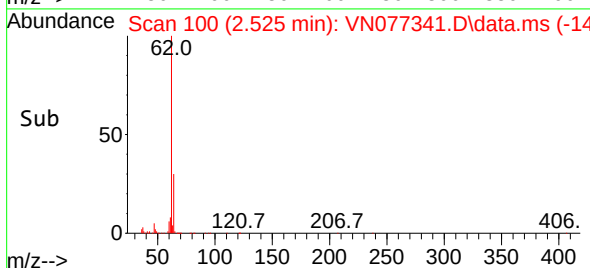
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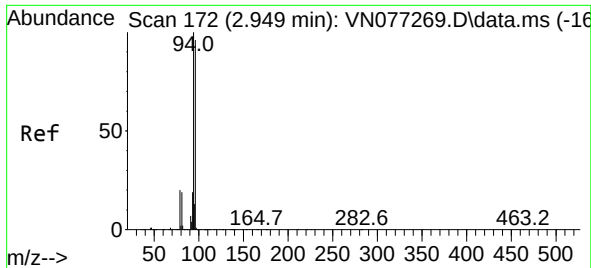


#4
Vinyl Chloride
Concen: 17.742 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29



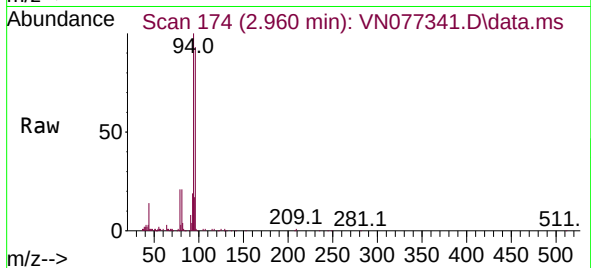
Tgt Ion: 62 Resp: 163125
Ion Ratio Lower Upper
62 100
64 29.3 25.4 38.0





#5
Bromomethane
Concen: 17.022 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
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ClientSampleId :
VSTDCCC020



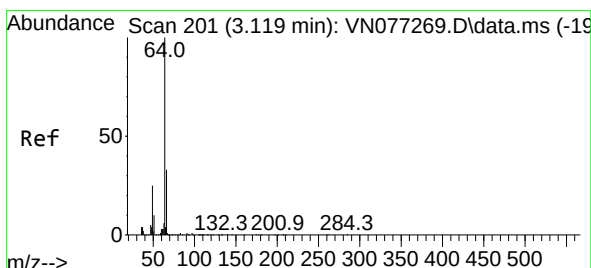
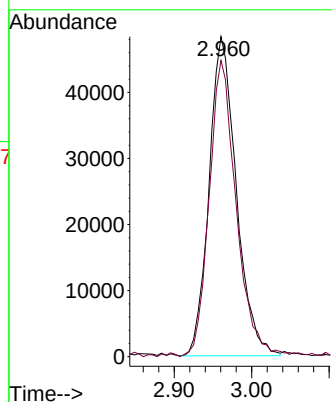
Tgt Ion: 94 Resp: 11793
Ion Ratio Lower Upper
94 100
96 92.8 77.0 115.6

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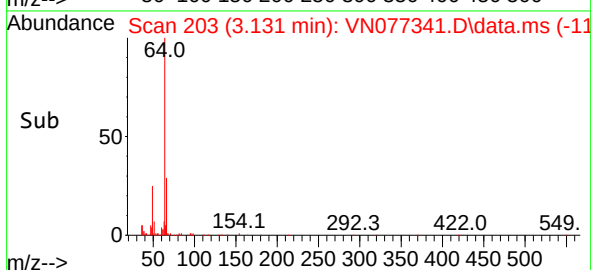
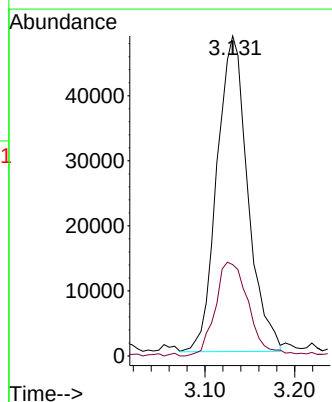
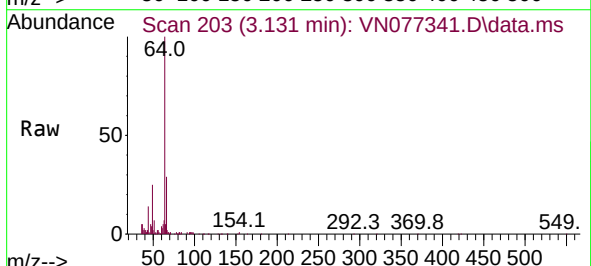
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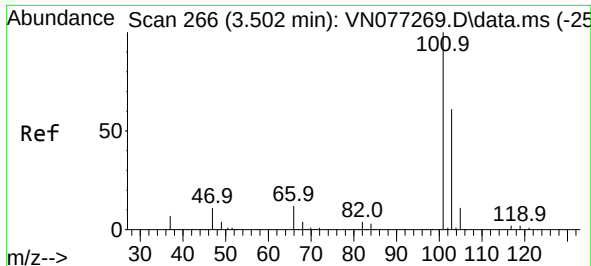
04/17/2023



#6
Chloroethane
Concen: 18.810 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.012 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

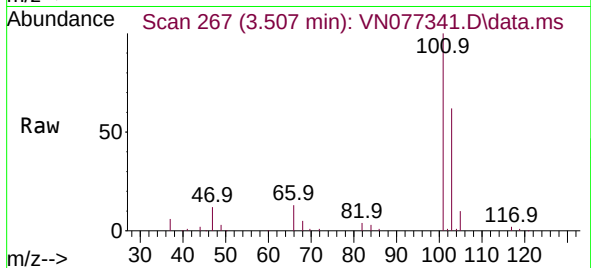
Tgt Ion: 64 Resp: 115923
Ion Ratio Lower Upper
64 100
66 29.1 25.7 38.5





#7
Trichlorofluoromethane
Concen: 19.036 ug/l
RT: 3.507 min Scan# 266
Delta R.T. 0.005 min
Lab File: VN077341.D
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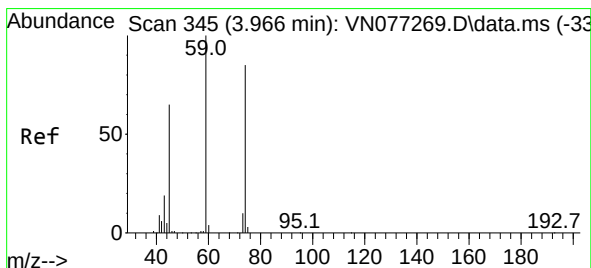
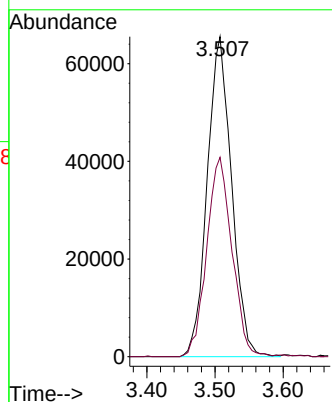
Tgt Ion:101 Resp: 162969
Ion Ratio Lower Upper
101 100
103 62.3 48.9 73.3

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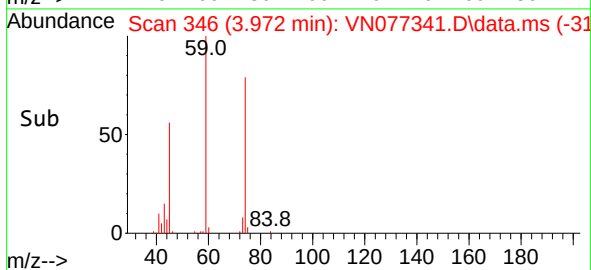
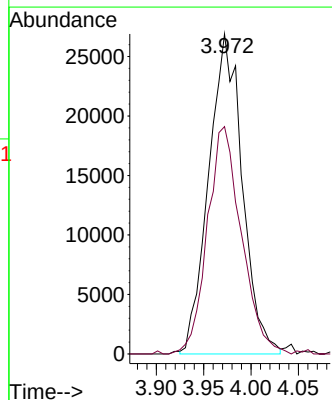
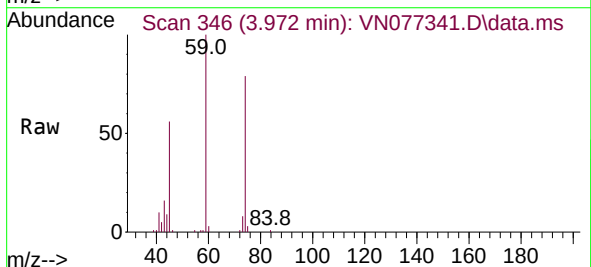
04/17/2023
Supervised By :Mahesh
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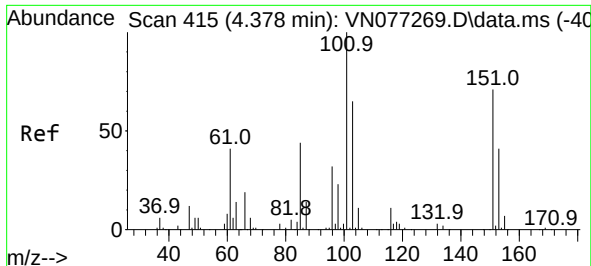
04/17/2023



#8
Diethyl Ether
Concen: 18.220 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.006 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

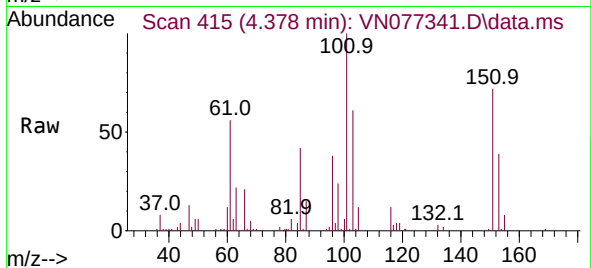
Tgt Ion: 74 Resp: 66484
Ion Ratio Lower Upper
74 100
45 71.8 14.8 133.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.251 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077341.D
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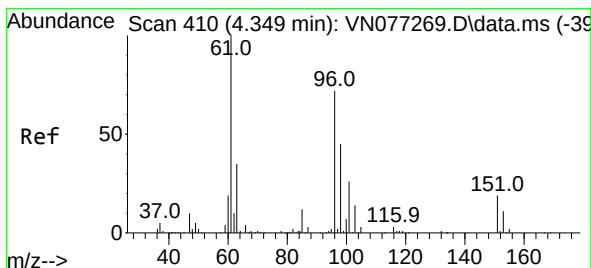
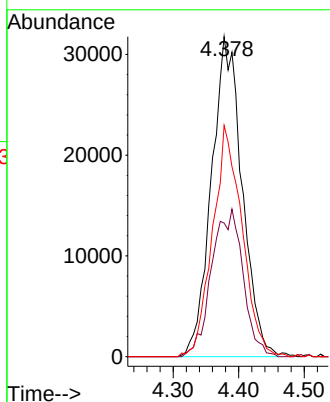
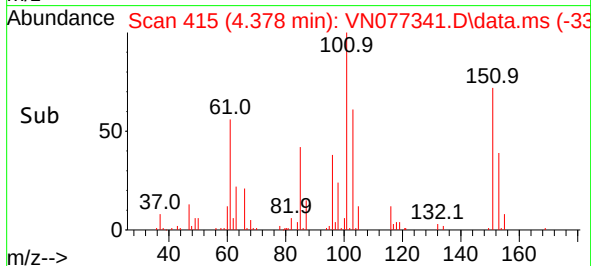
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Ion Ratio Lower Upper
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151 69.4 0.0 141.6

Manual Integrations
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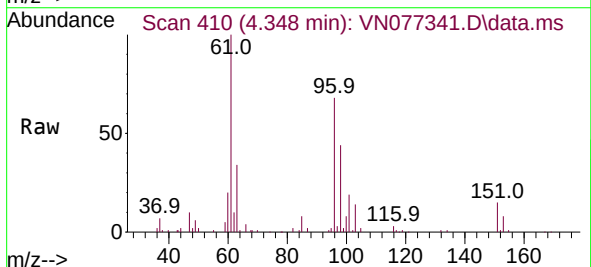
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Supervised By :Mahesh
Dadoda

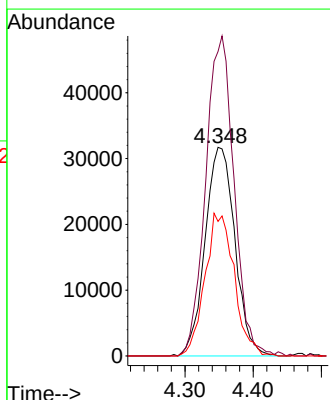
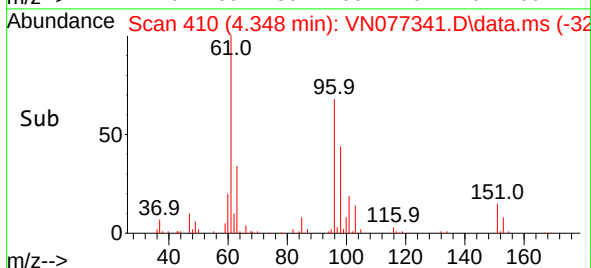
04/17/2023

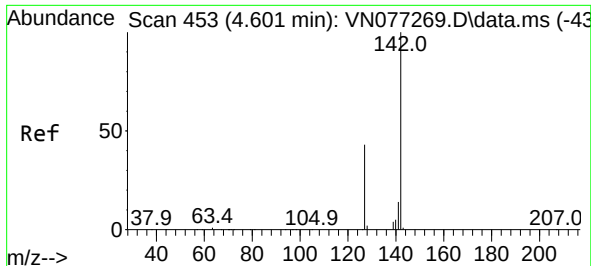


#10
1,1-Dichloroethene
Concen: 18.032 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.001 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29



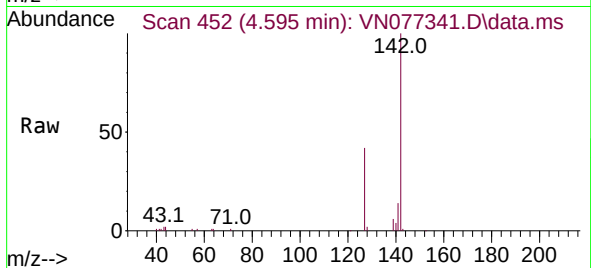
Tgt Ion: 96 Resp: 96571
Ion Ratio Lower Upper
96 100
61 146.0 110.7 166.1
98 64.5 49.6 74.4





#11
Methyl Iodide
Concen: 19.841 ug/l
RT: 4.595 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



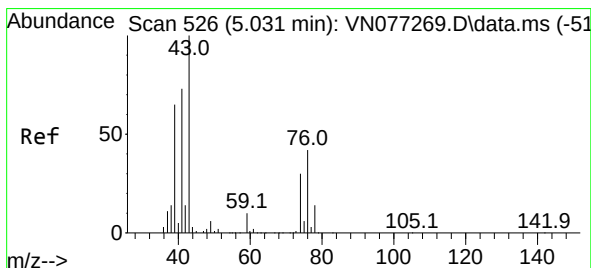
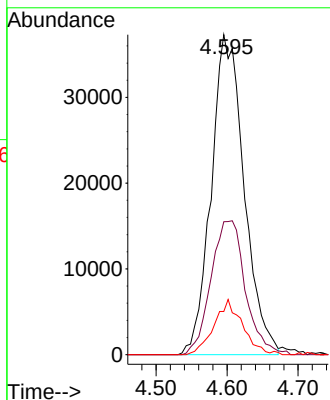
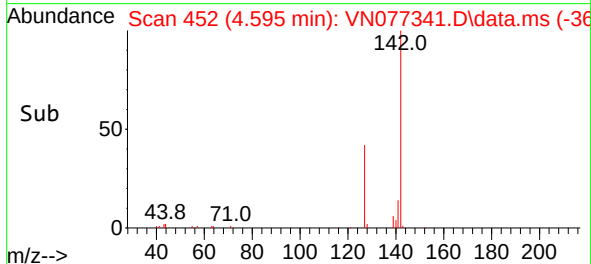
Tgt Ion:142 Resp: 12004
Ion Ratio Lower Upper
142 100
127 41.3 21.3 63.7
141 13.3 7.0 20.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

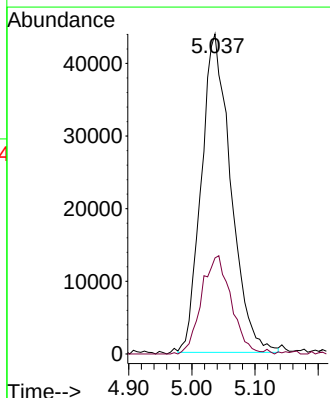
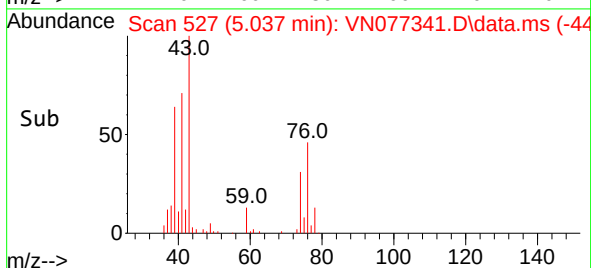
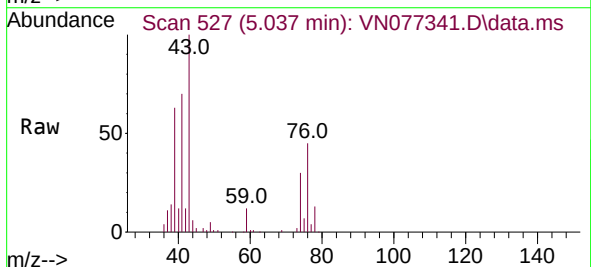
04/17/2023
Supervised By :Mahesh
Dadoda

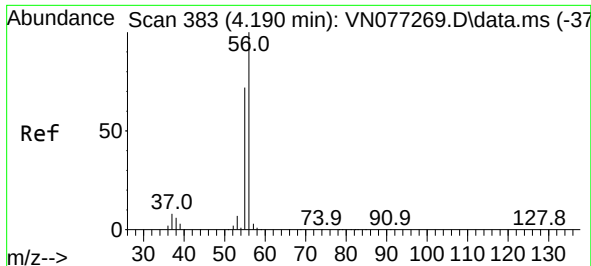
04/17/2023



#12
Methyl Acetate
Concen: 17.872 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

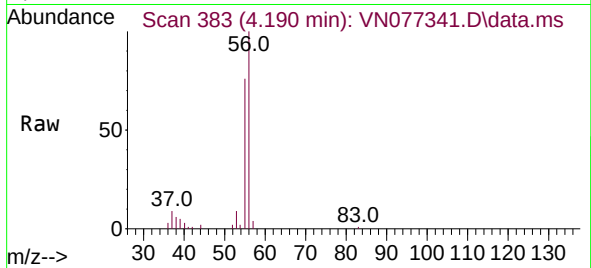
Tgt Ion: 43 Resp: 142602
Ion Ratio Lower Upper
43 100
74 30.1 24.2 36.2





#13
Acrolein
Concen: 94.335 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



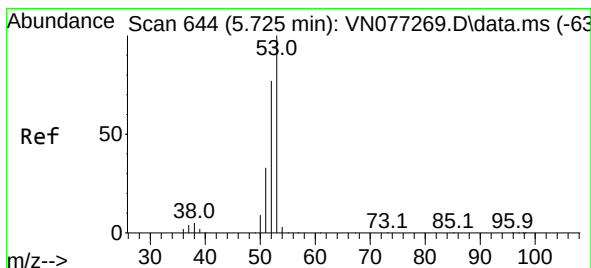
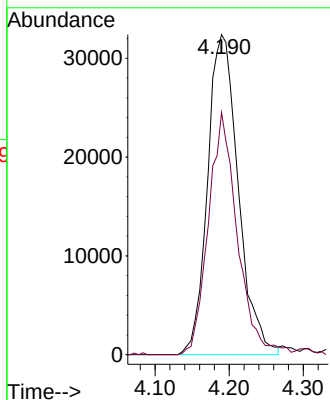
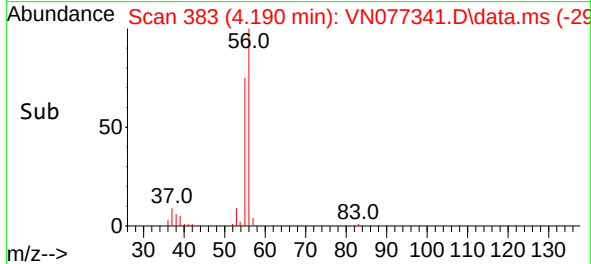
Tgt Ion: 56 Resp: 93429
Ion Ratio Lower Upper
56 100
55 69.9 55.2 82.8

Manual Integrations
APPROVED

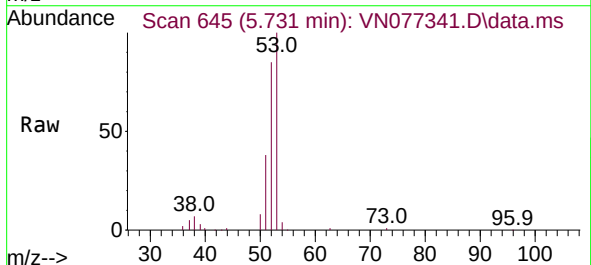
Reviewed By :John
Carlone

04/17/2023
Supervised By :Mahesh
Dadoda

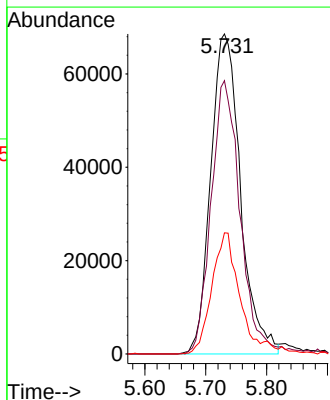
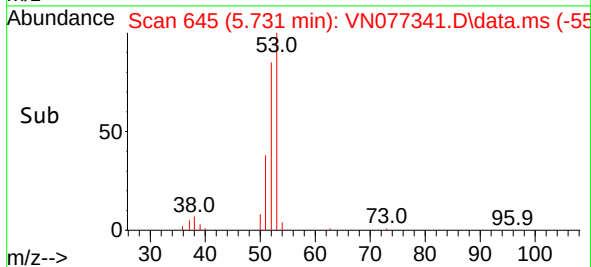
04/17/2023

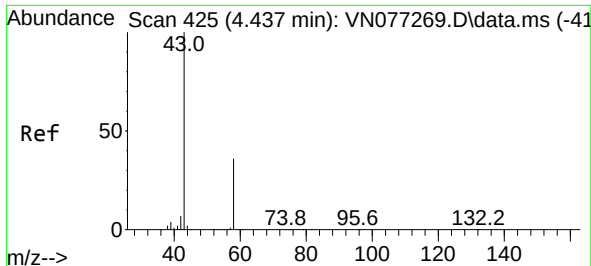


#14
Acrylonitrile
Concen: 85.522 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29



Tgt Ion: 53 Resp: 233248
Ion Ratio Lower Upper
53 100
52 82.4 41.0 123.0
51 33.9 17.7 53.1





#15

Acetone

Concen: 77.464 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN077341.D

Acq: 14 Apr 2023 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 58 Resp: 76640

Ion Ratio Lower Upper

58 100

43 286.4 220.9 331.3

Manual Integrations

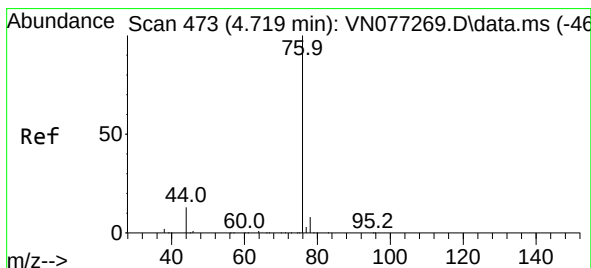
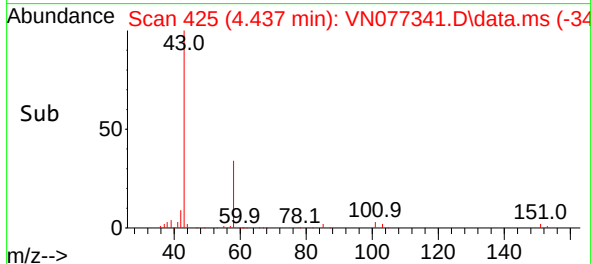
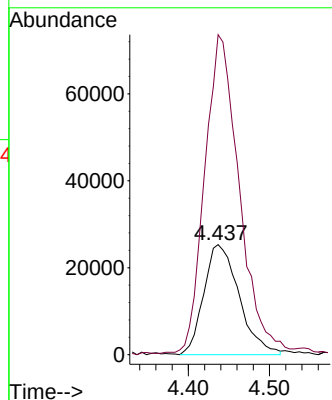
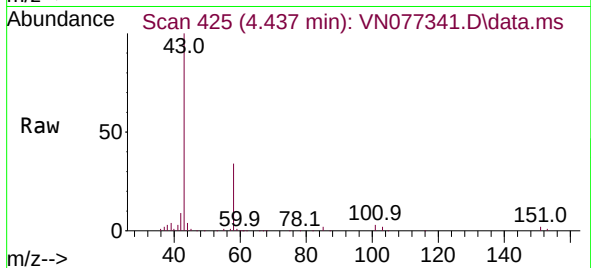
APPROVED

Reviewed By :John
Carlone

04/17/2023

Supervised By :Mahesh
Dadoda

04/17/2023



#16

Carbon Disulfide

Concen: 17.123 ug/l

RT: 4.719 min Scan# 473

Delta R.T. -0.000 min

Lab File: VN077341.D

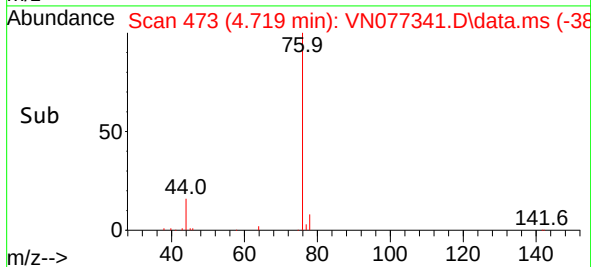
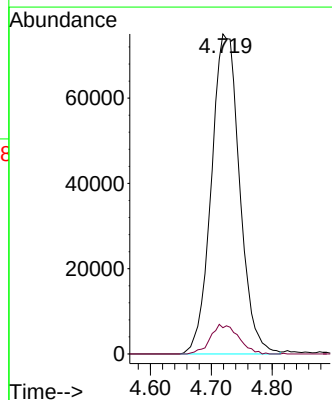
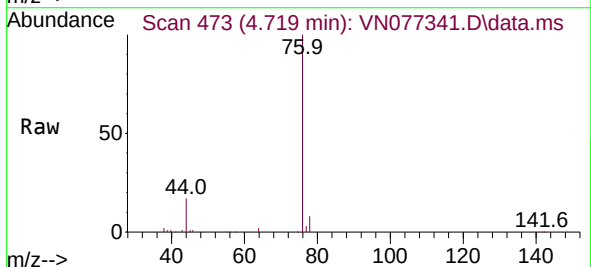
Acq: 14 Apr 2023 09:29

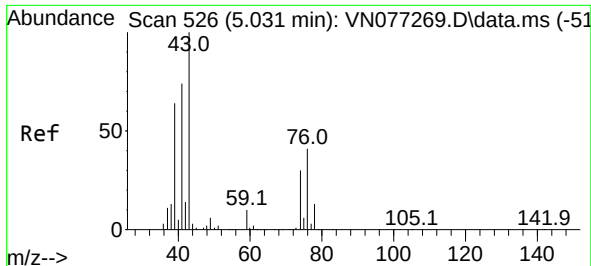
Tgt Ion: 76 Resp: 242048

Ion Ratio Lower Upper

76 100

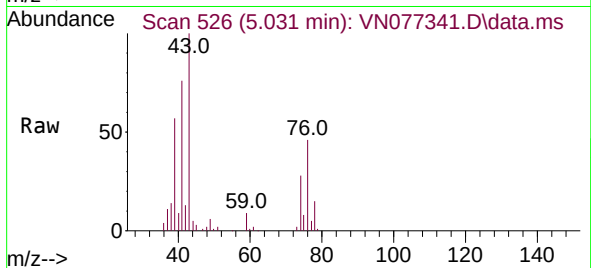
78 8.2 6.3 9.5





#17
 Allyl chloride
 Concen: 15.253 ug/l
 RT: 5.031 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN077341.D
 Acq: 14 Apr 2023 09:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



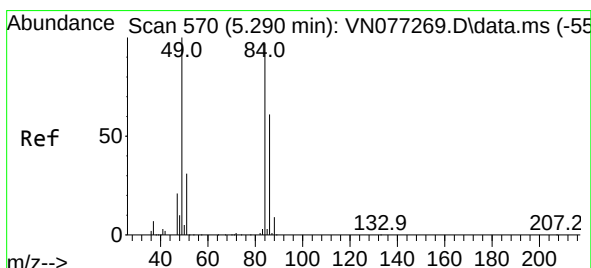
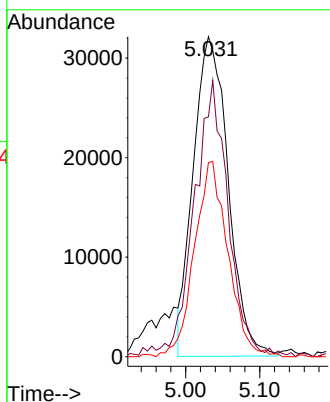
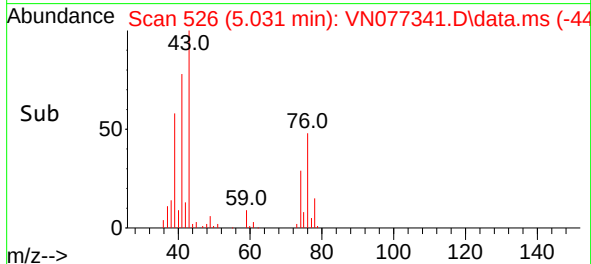
Tgt Ion: 41 Resp: 105150
 Ion Ratio Lower Upper
 41 100
 39 74.0 40.3 120.9
 76 60.6 25.3 75.8

Manual Integrations
 APPROVED

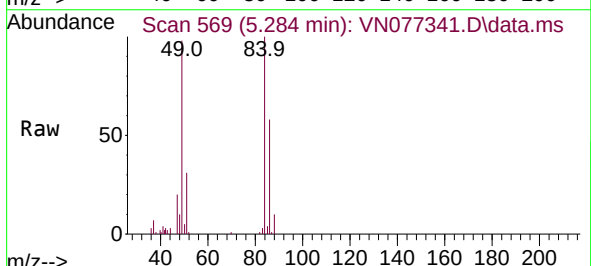
Reviewed By :John
 Carlone

04/17/2023
 Supervised By :Mahesh
 Dadoda

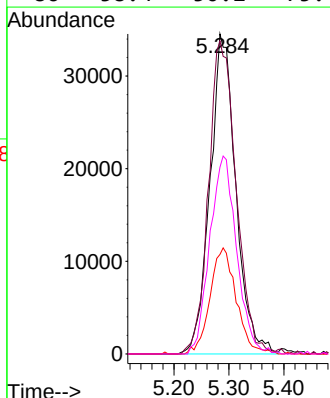
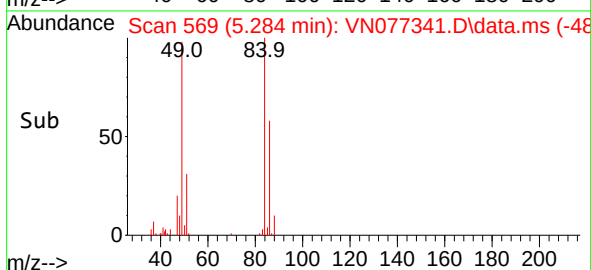
04/17/2023

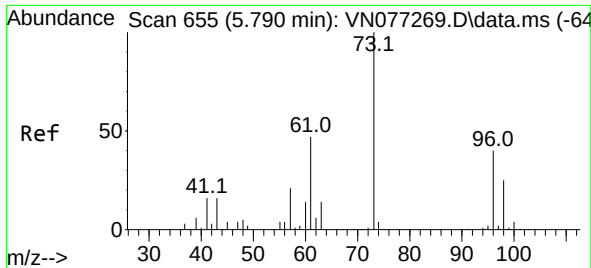


#18
 Methylene Chloride
 Concen: 18.159 ug/l
 RT: 5.284 min Scan# 569
 Delta R.T. -0.006 min
 Lab File: VN077341.D
 Acq: 14 Apr 2023 09:29



Tgt Ion: 84 Resp: 112932
 Ion Ratio Lower Upper
 84 100
 49 97.8 82.7 124.1
 51 31.1 25.6 38.4
 86 58.4 50.2 75.4





#19

trans-1,2-Dichloroethene

Concen: 17.866 ug/l

RT: 5.789 min Scan# 61

Delta R.T. -0.001 min

Lab File: VN077341.D

Acq: 14 Apr 2023 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 96 Resp: 104039

Ion Ratio Lower Upper

96 100

61 123.6 94.5 141.7

98 66.9 49.8 74.8

Manual Integrations

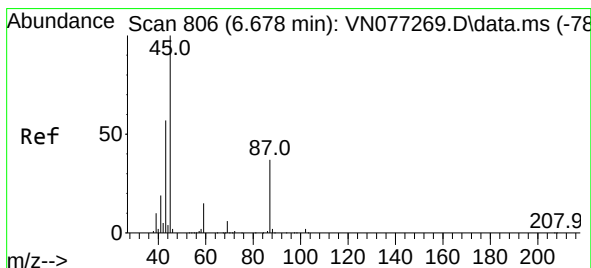
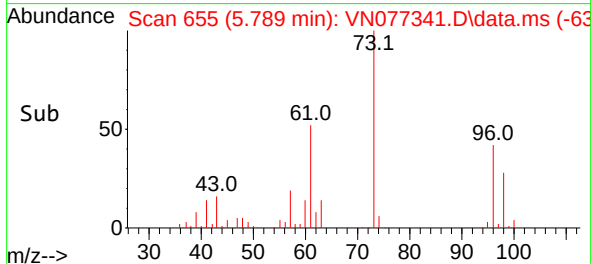
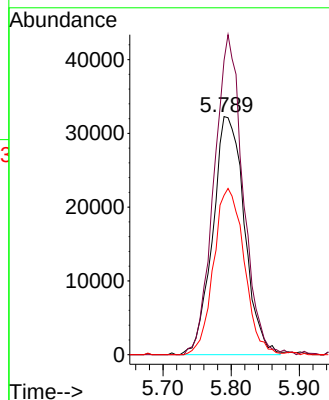
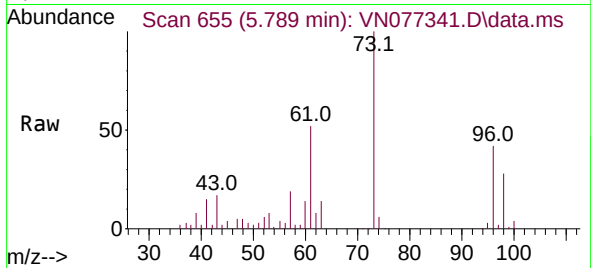
APPROVED

Reviewed By :John
Carlone

04/17/2023

Supervised By :Mahesh
Dadoda

04/17/2023



#20

Diisopropyl ether

Concen: 17.277 ug/l m

RT: 6.689 min Scan# 808

Delta R.T. 0.011 min

Lab File: VN077341.D

Acq: 14 Apr 2023 09:29

Tgt Ion: 45 Resp: 283875

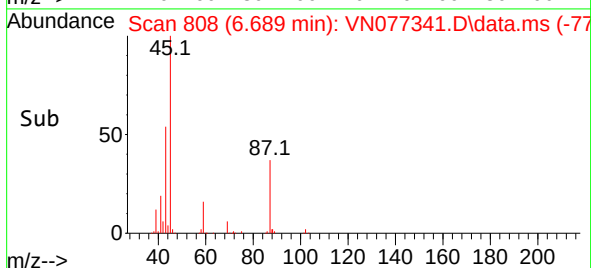
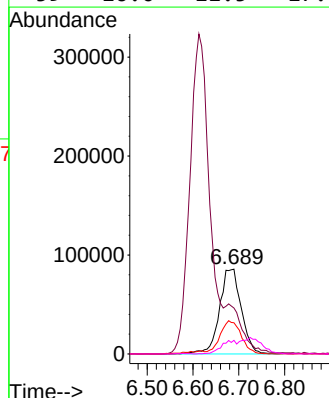
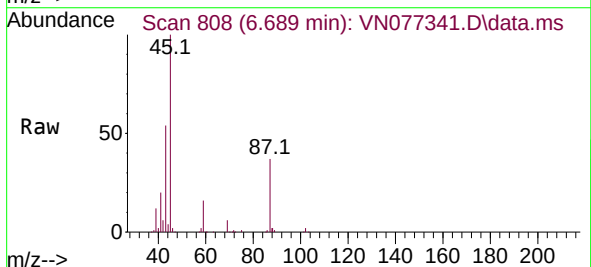
Ion Ratio Lower Upper

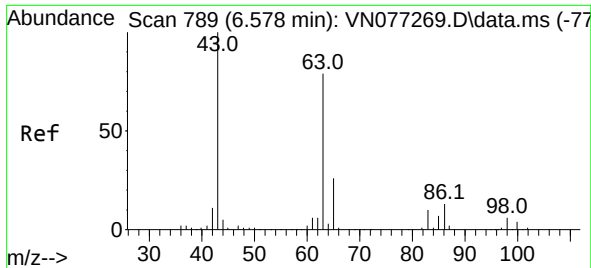
45 100

43 54.1 45.9 68.9

87 36.8 30.1 45.1

59 16.0 11.5 17.3





#21
1,1-Dichloroethane
Concen: 18.207 ug/l
RT: 6.578 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

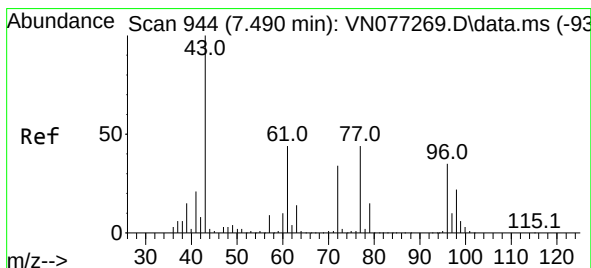
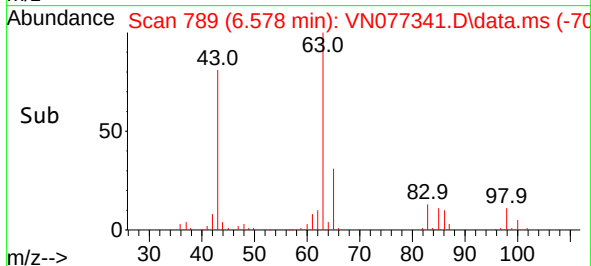
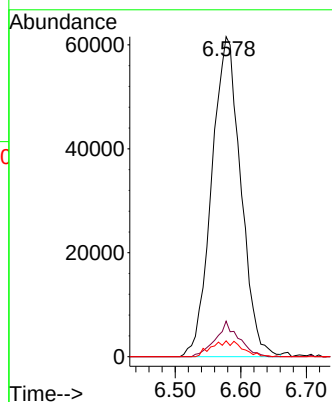
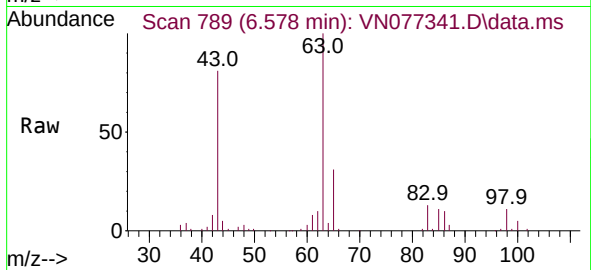
Tgt Ion: 63 Resp: 189620
Ion Ratio Lower Upper
63 100
98 11.1 3.9 11.7
100 5.0 2.3 6.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

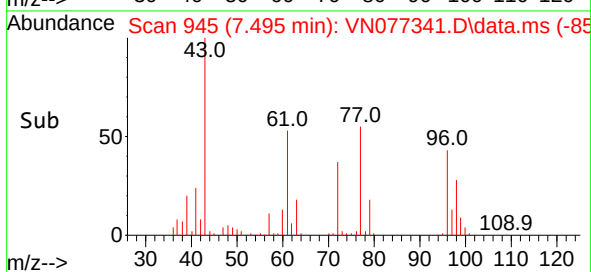
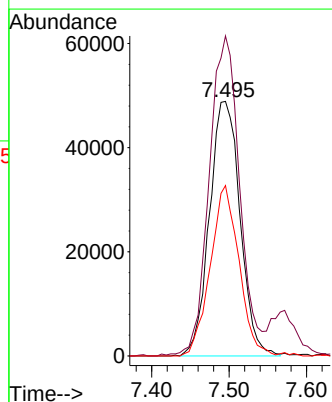
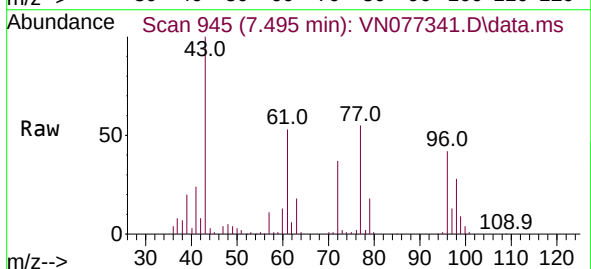
04/17/2023
Supervised By :Mahesh
Dadoda

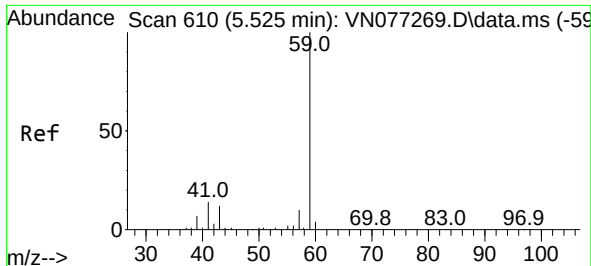
04/17/2023



#22
cis-1,2-Dichloroethene
Concen: 18.894 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

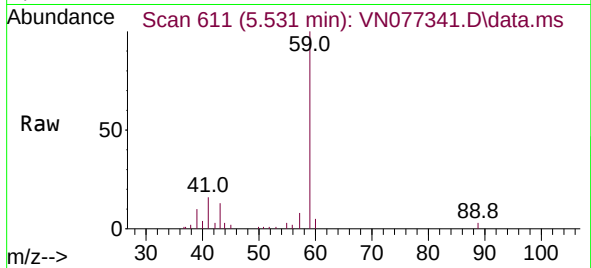
Tgt Ion: 96 Resp: 134127
Ion Ratio Lower Upper
96 100
61 124.8 105.5 158.3
98 62.8 51.8 77.6





#23
tert-Butyl Alcohol
Concen: 86.277 ug/l
RT: 5.531 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



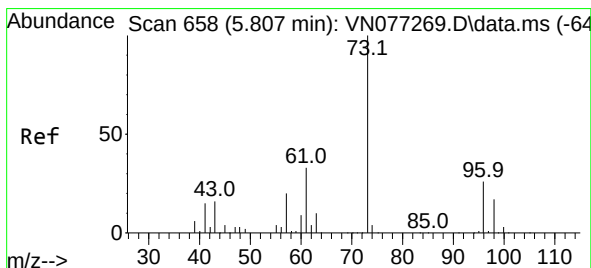
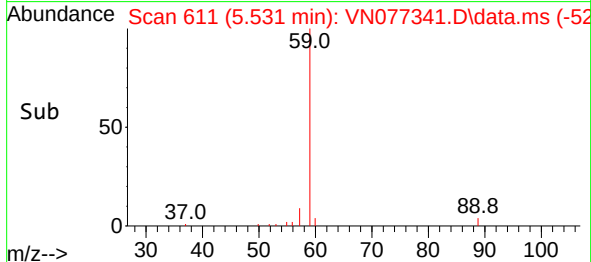
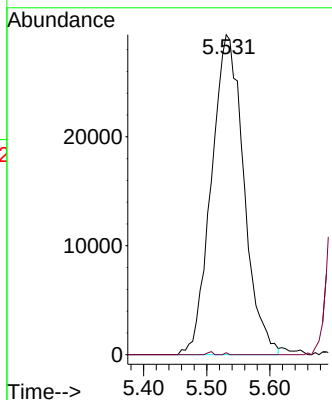
Tgt Ion: 59 Resp: 104630
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

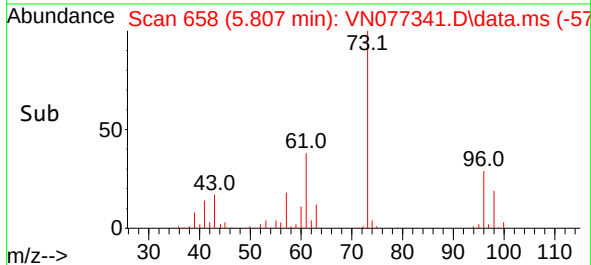
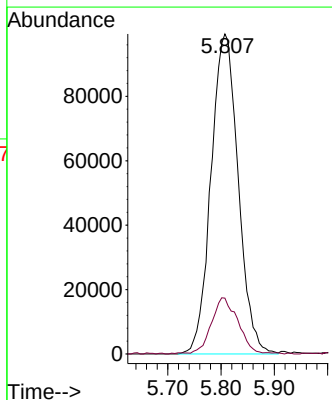
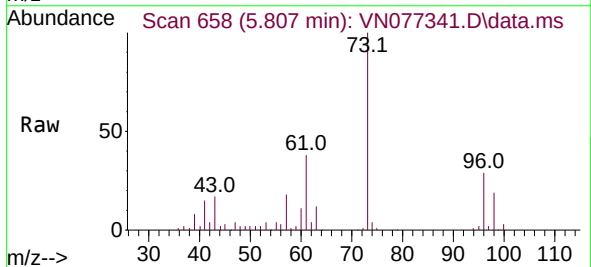
04/17/2023
Supervised By :Mahesh
Dadoda

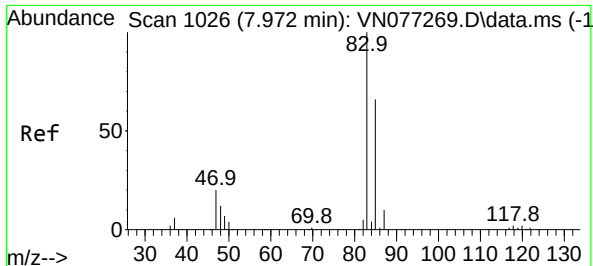
04/17/2023



#24
Methyl tert-Butyl Ether
Concen: 18.269 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

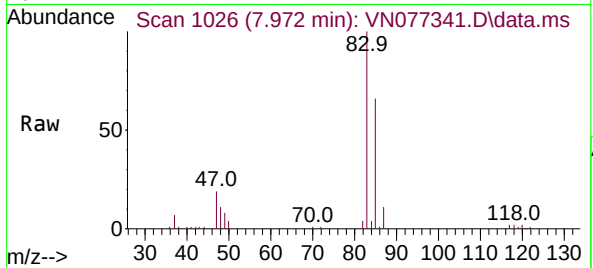
Tgt Ion: 73 Resp: 352233
Ion Ratio Lower Upper
73 100
43 16.5 13.5 20.3





#25
Chloroform
Concen: 18.559 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



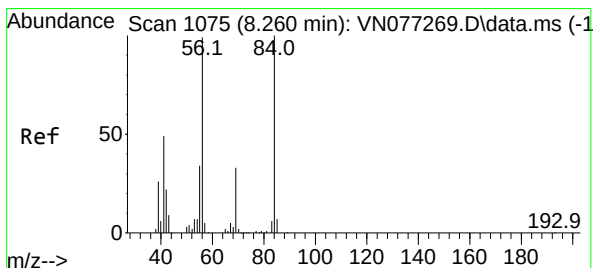
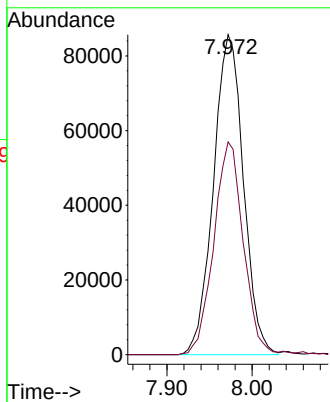
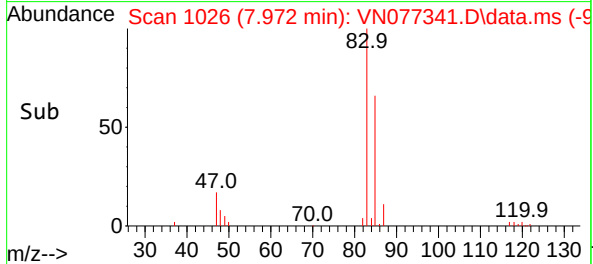
Tgt Ion: 83 Resp: 209470
Ion Ratio Lower Upper
83 100
85 66.5 52.9 79.3

Manual Integrations
APPROVED

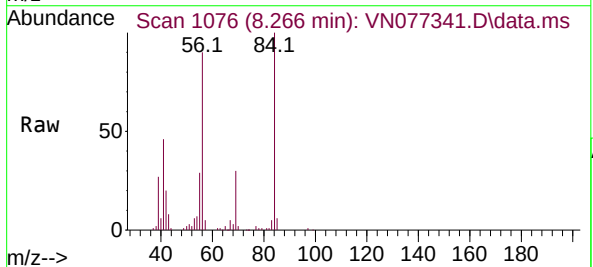
Reviewed By :John
Carlone

04/17/2023
Supervised By :Mahesh
Dadoda

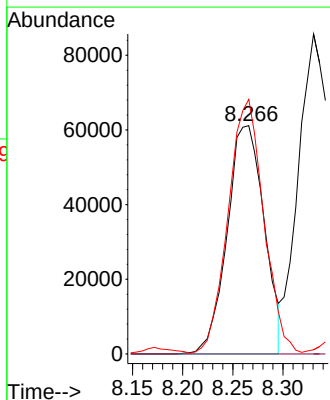
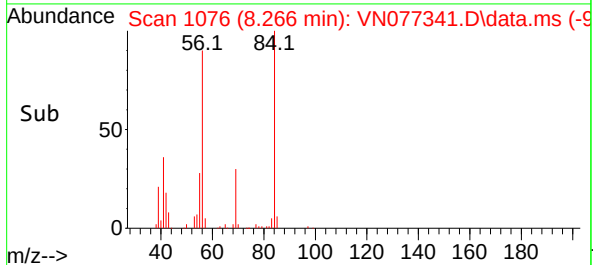
04/17/2023

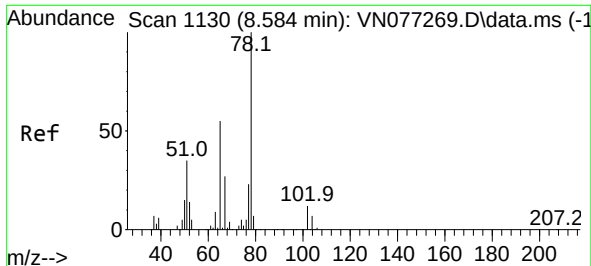


#26
Cyclohexane
Concen: 17.352 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29



Tgt Ion: 56 Resp: 157030
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 107.2 82.6 123.8





#27

1,2-Dichloroethane-d4

Concen: 28.613 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN077341.D

Acq: 14 Apr 2023 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 12333

Ion Ratio Lower Upper

65 100

67 54.9 41.8 62.6

Manual Integrations

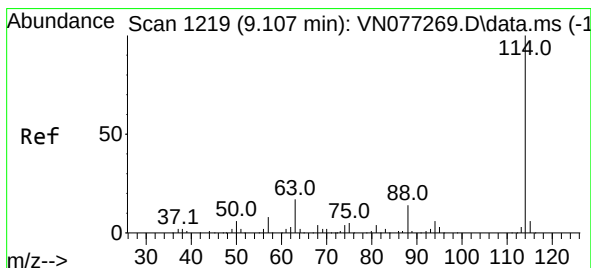
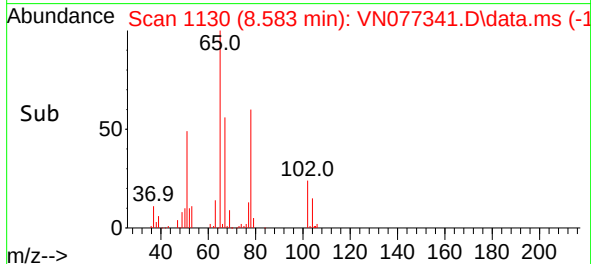
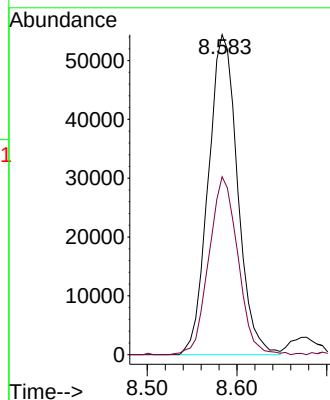
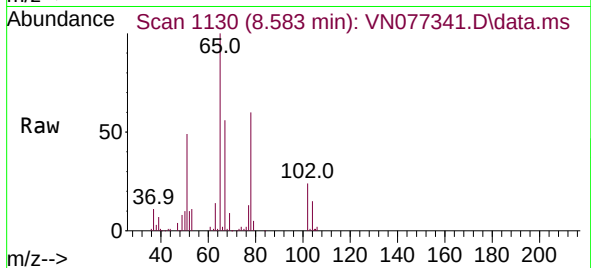
APPROVED

Reviewed By :John
Carlone

04/17/2023

Supervised By :Mahesh
Dadoda

04/17/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077341.D

Acq: 14 Apr 2023 09:29

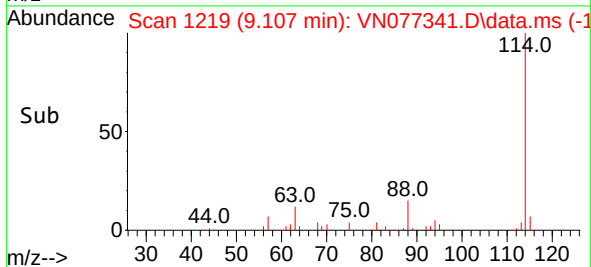
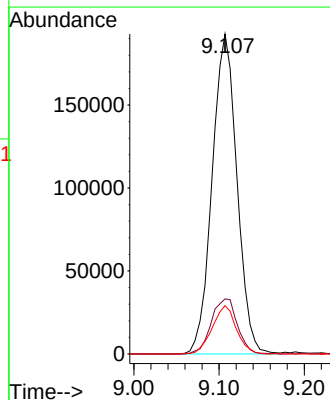
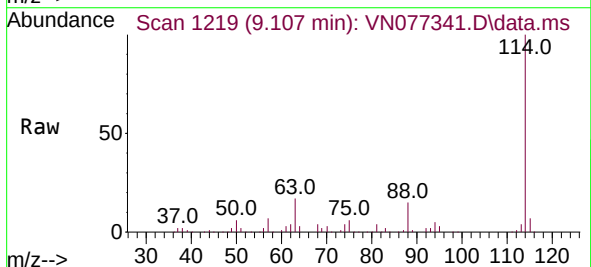
Tgt Ion:114 Resp: 390614

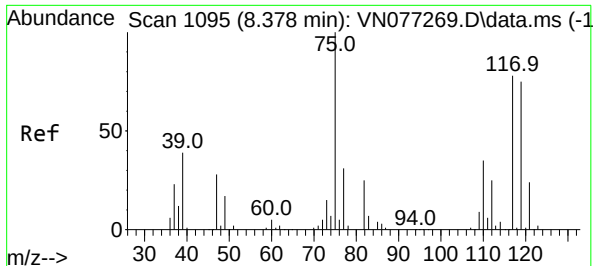
Ion Ratio Lower Upper

114 100

63 18.0 15.0 22.4

88 14.6 11.9 17.9





#29

1,1-Dichloropropene

Concen: 17.766 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN077341.D

Acq: 14 Apr 2023 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 150329

Ion	Ratio	Lower	Upper
75	100		
110	37.4	0.0	72.4
77	31.7	0.0	61.4

Manual Integrations

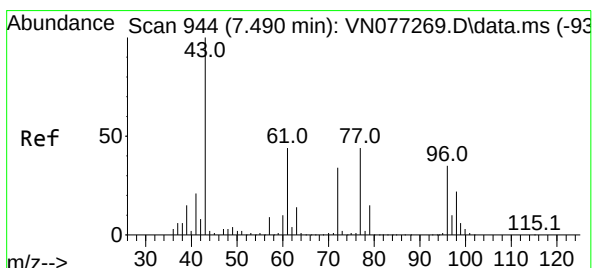
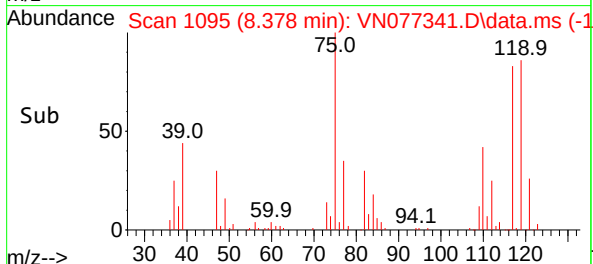
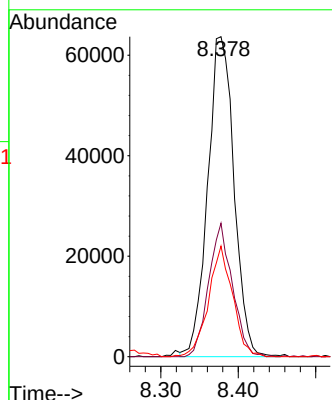
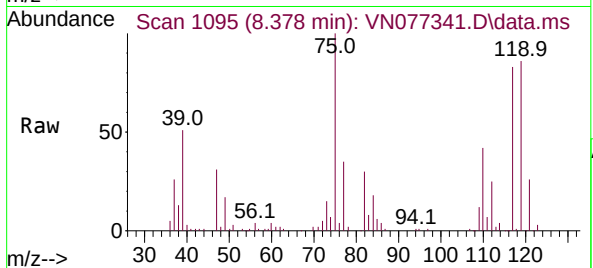
APPROVED

Reviewed By :John
Carlone

04/17/2023

Supervised By :Mahesh
Dadoda

04/17/2023



#30

2-Butanone

Concen: 76.839 ug/l

RT: 7.489 min Scan# 944

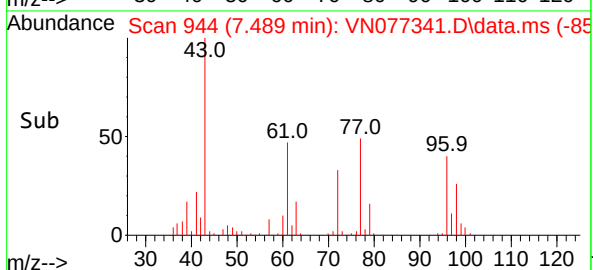
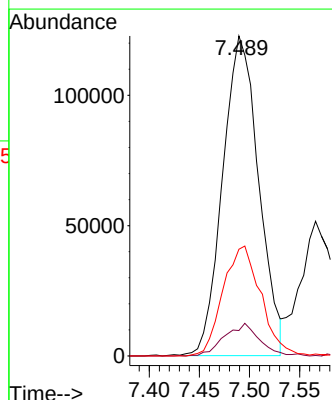
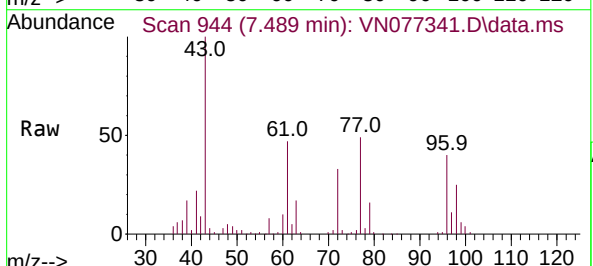
Delta R.T. -0.001 min

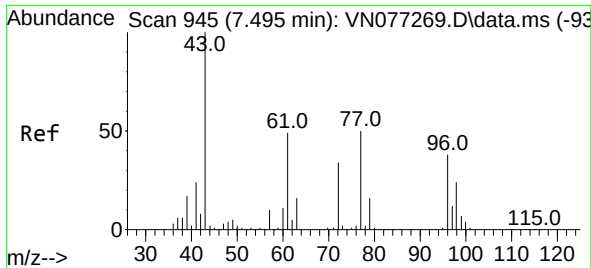
Lab File: VN077341.D

Acq: 14 Apr 2023 09:29

Tgt Ion: 43 Resp: 307468

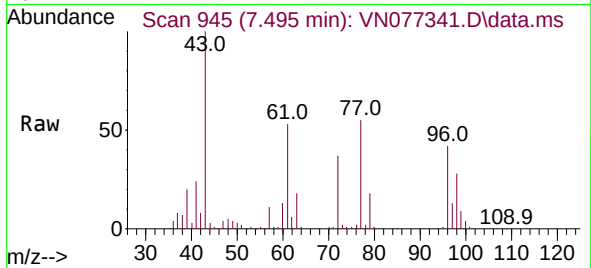
Ion	Ratio	Lower	Upper
43	100		
57	9.8	7.5	11.3
72	36.1	26.9	40.3





#31
2,2-Dichloropropane
Concen: 17.451 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



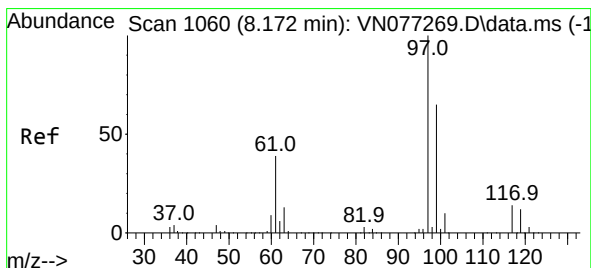
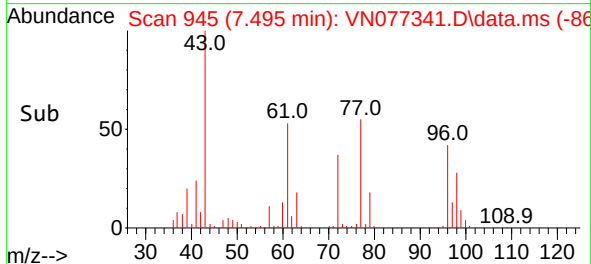
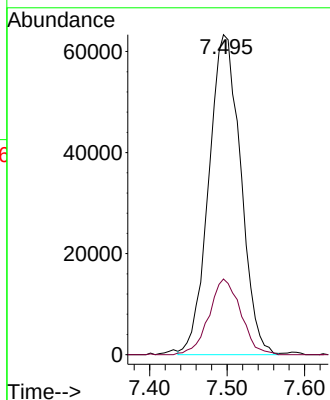
Tgt Ion: 77 Resp: 181272
Ion Ratio Lower Upper
77 100
97 23.5 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

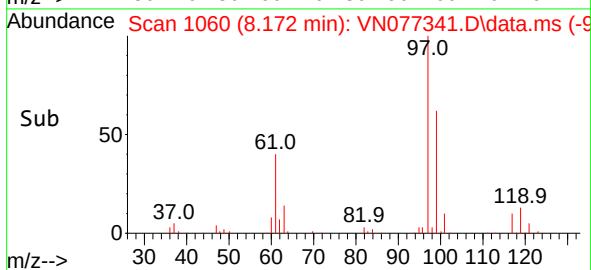
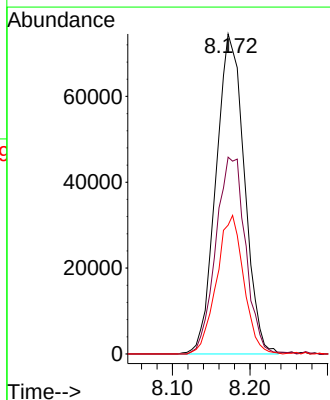
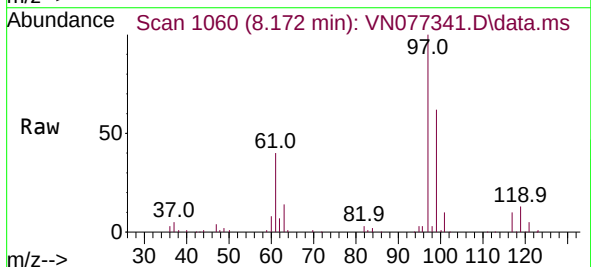
04/17/2023
Supervised By :Mahesh
Dadoda

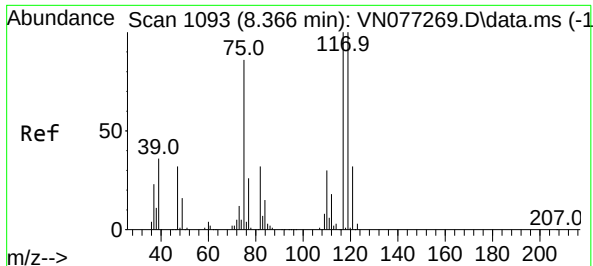
04/17/2023



#32
1,1,1-Trichloroethane
Concen: 18.237 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

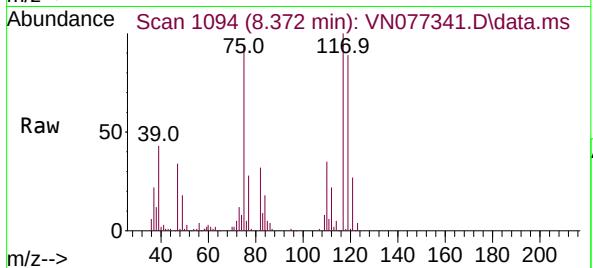
Tgt Ion: 97 Resp: 189911
Ion Ratio Lower Upper
97 100
99 64.2 51.6 77.4
61 41.4 32.4 48.6





#33
Carbon Tetrachloride
Concen: 18.245 ug/l
RT: 8.372 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



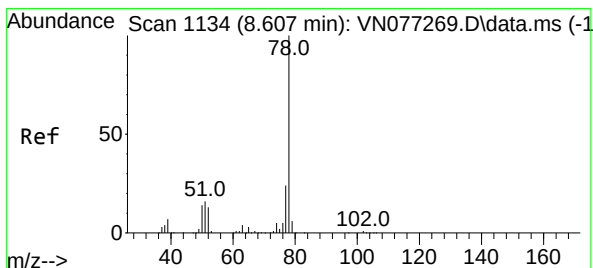
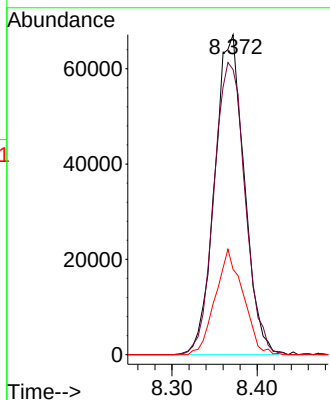
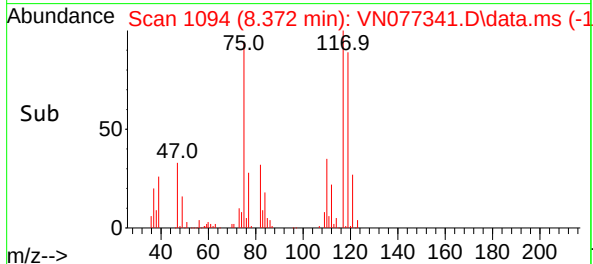
Tgt Ion: 117 Resp: 16216
Ion Ratio Lower Upper
117 100
119 88.9 80.2 120.4
121 26.7 26.0 39.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

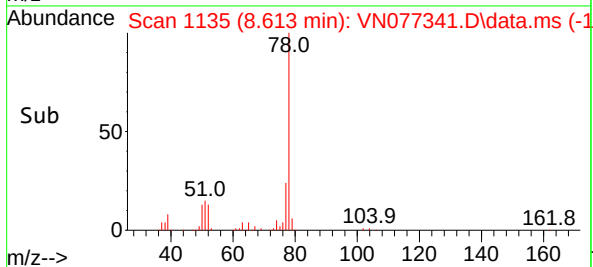
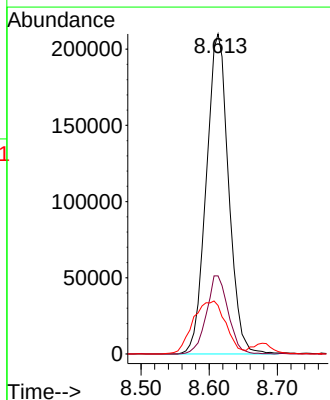
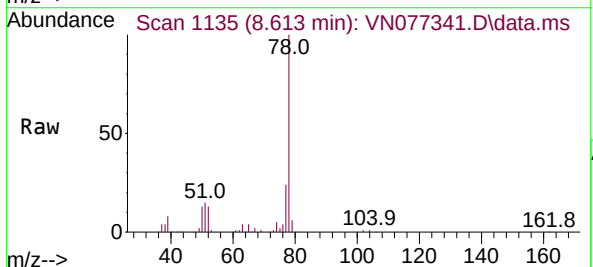
04/17/2023
Supervised By :Mahesh
Dadoda

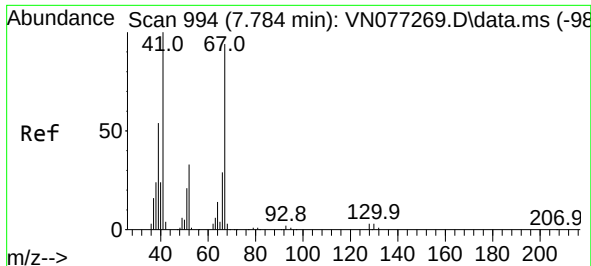
04/17/2023



#34
Benzene
Concen: 18.267 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

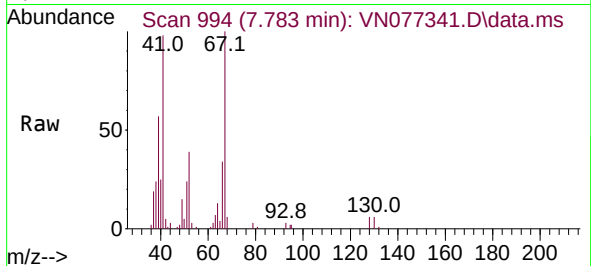
Tgt Ion: 78 Resp: 478259
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0
51 14.4 12.6 19.0





#35
Methacrylonitrile
Concen: 16.713 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.001 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



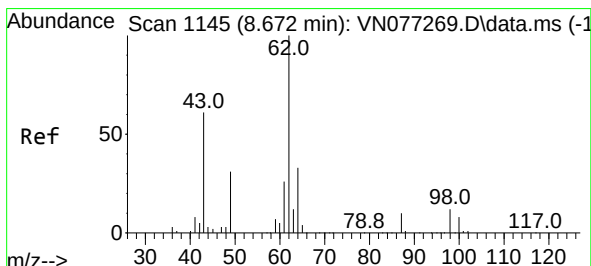
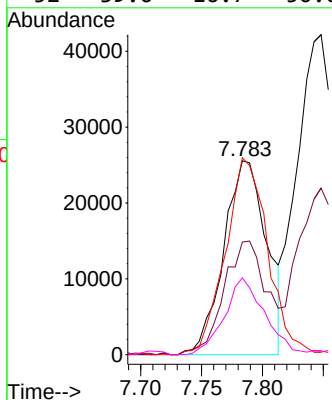
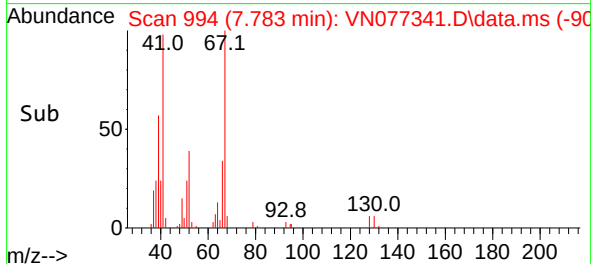
Tgt Ion:	41	Resp:	63000
Ion Ratio	100	Lower	Upper
39	58.1	27.1	81.2
67	101.5	46.8	140.4
52	39.6	16.7	50.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

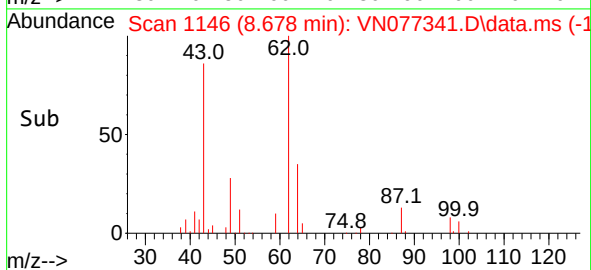
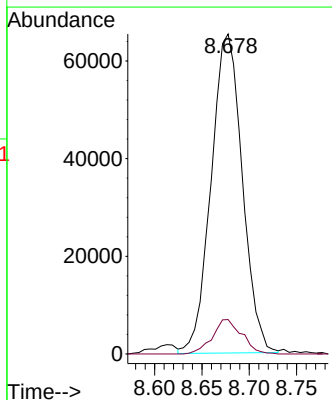
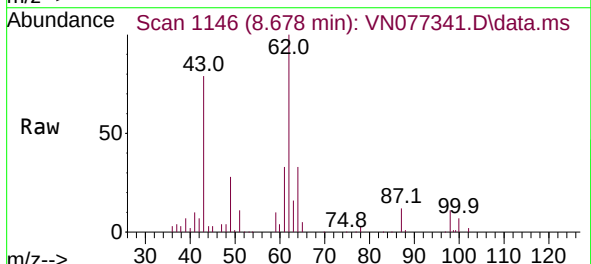
04/17/2023
Supervised By :Mahesh
Dadoda

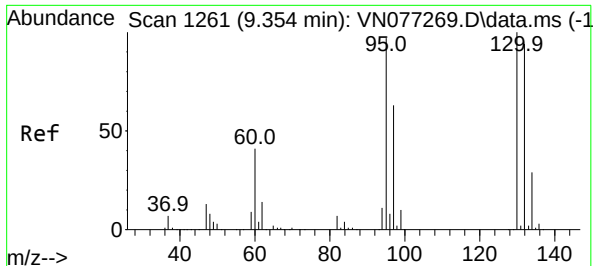
04/17/2023



#36
1,2-Dichloroethane
Concen: 18.231 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

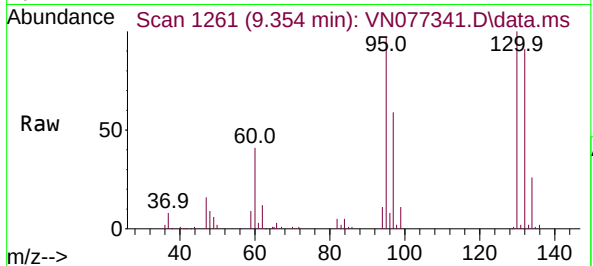
Tgt Ion:	62	Resp:	149647
Ion Ratio	100	Lower	Upper
98	10.2	8.3	12.5





#37
Trichloroethene
Concen: 18.711 ug/l
RT: 9.354 min Scan# 119828
Delta R.T. -0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



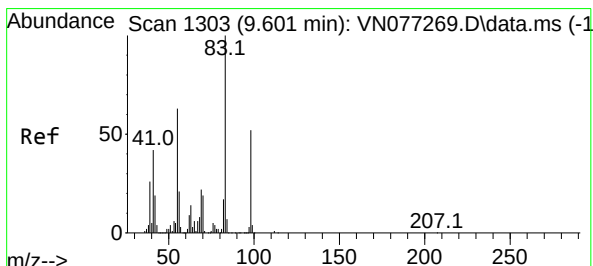
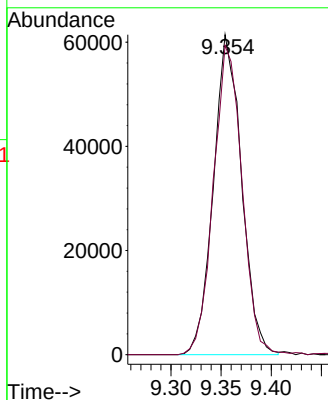
Tgt Ion:130 Resp: 119828
Ion Ratio Lower Upper
130 100
95 96.6 77.5 116.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

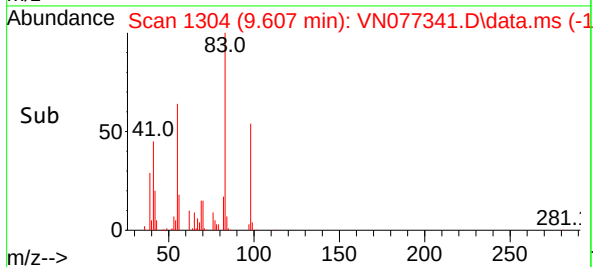
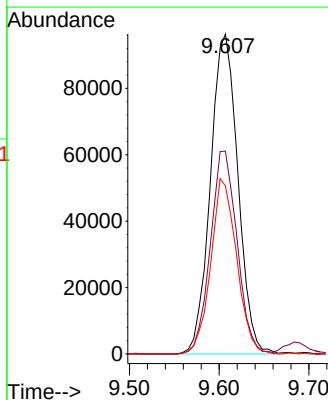
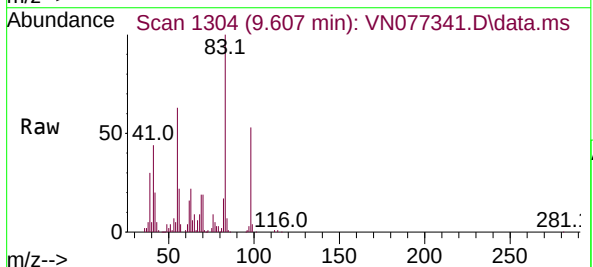
04/17/2023
Supervised By :Mahesh
Dadoda

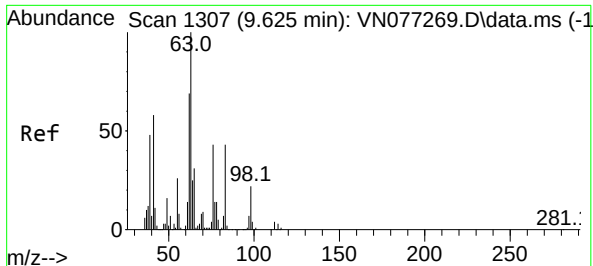
04/17/2023



#38
Methylcyclohexane
Concen: 17.863 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Tgt Ion: 83 Resp: 204999
Ion Ratio Lower Upper
83 100
55 61.6 32.0 96.2
98 51.6 25.3 75.9





#39

1,2-Dichloropropane

Concen: 18.121 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN077341.D

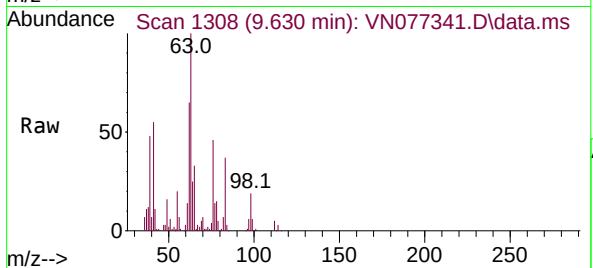
Acq: 14 Apr 2023 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 63 Resp: 117778

Ion Ratio Lower Upper

63 100

65 32.6 24.8 37.2

Manual Integrations

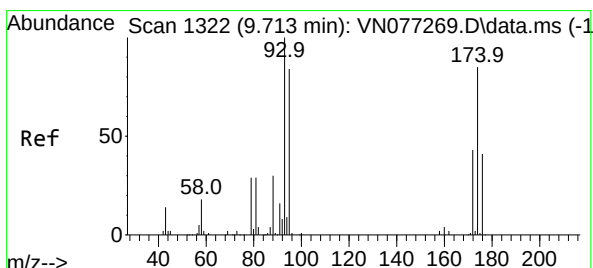
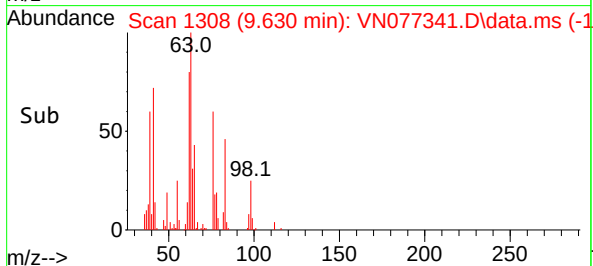
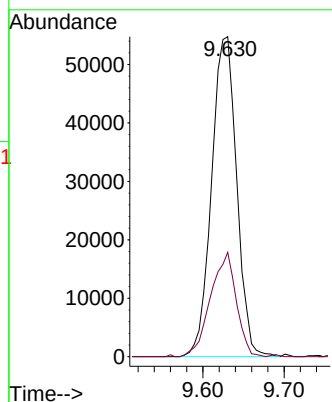
APPROVED

Reviewed By :John
Carlone

04/17/2023

Supervised By :Mahesh
Dadoda

04/17/2023



#40

Dibromomethane

Concen: 18.156 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077341.D

Acq: 14 Apr 2023 09:29

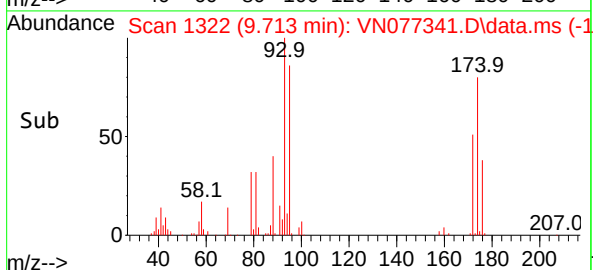
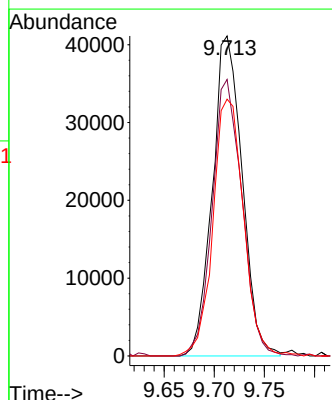
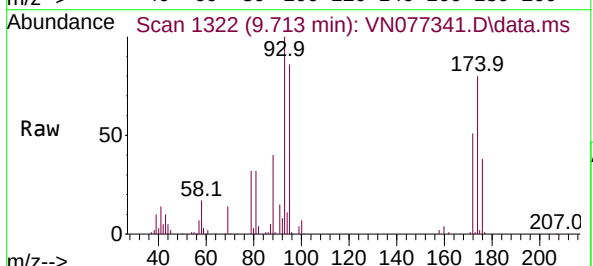
Tgt Ion: 93 Resp: 85026

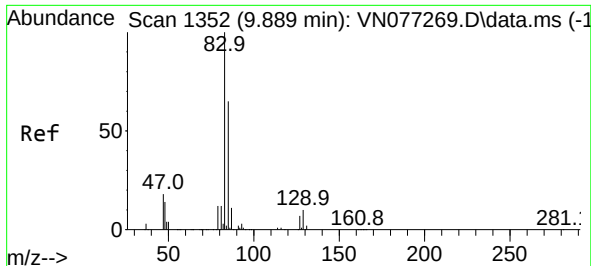
Ion Ratio Lower Upper

93 100

95 86.2 0.0 166.4

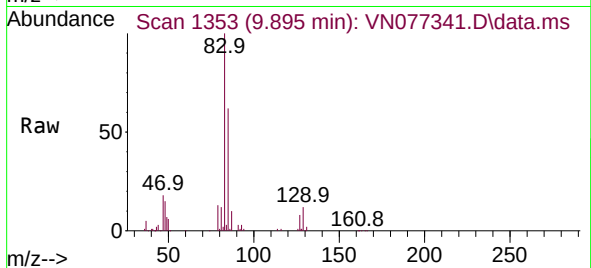
174 81.8 0.0 164.8





#41
Bromodichloromethane
Concen: 18.042 ug/l
RT: 9.895 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



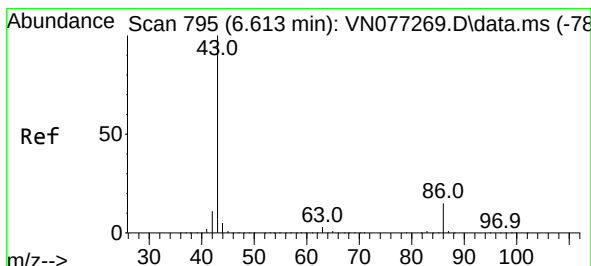
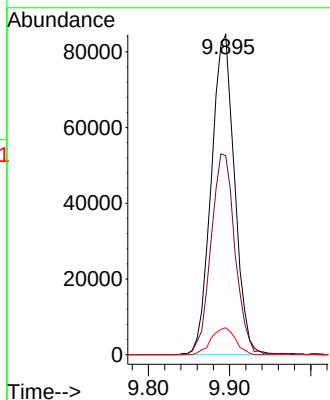
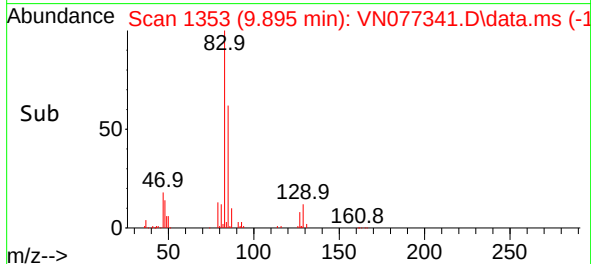
Tgt Ion: 83 Resp: 168475
Ion Ratio Lower Upper
83 100
85 62.1 52.3 78.5
127 9.2 5.9 8.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

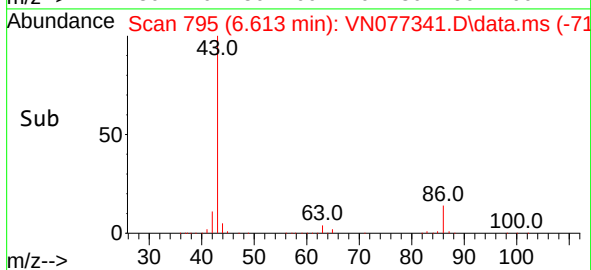
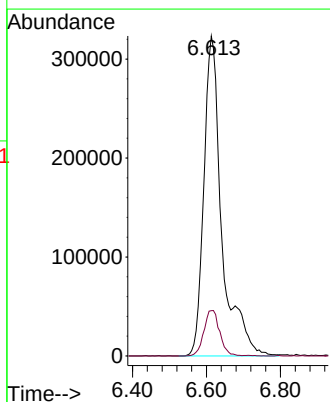
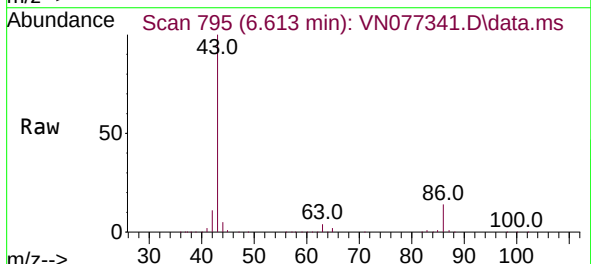
04/17/2023
Supervised By :Mahesh
Dadoda

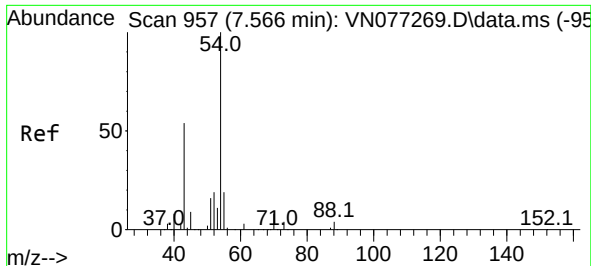
04/17/2023



#42
Vinyl Acetate
Concen: 94.206 ug/l m
RT: 6.613 min Scan# 795
Delta R.T. -0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

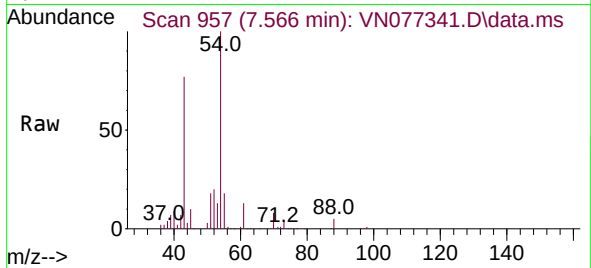
Tgt Ion: 43 Resp: 1091001
Ion Ratio Lower Upper
43 100
86 12.5 0.0 0.0#





#43
Ethyl Acetate
Concen: 16.810 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



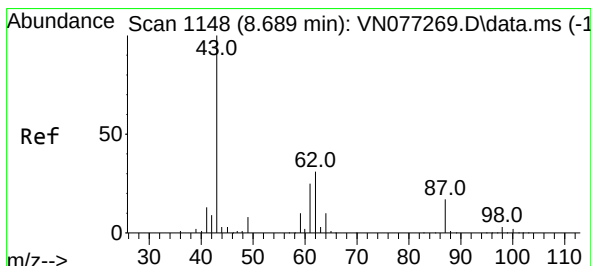
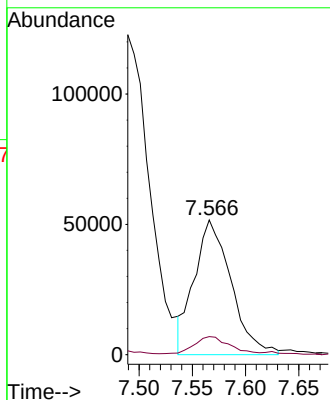
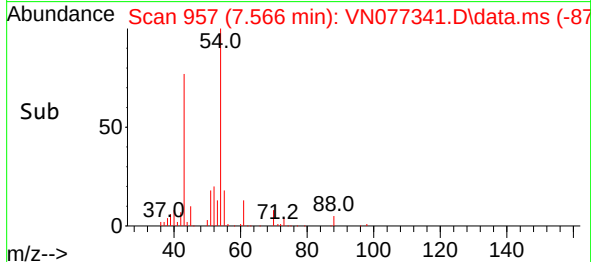
Tgt Ion: 43 Resp: 124440
Ion Ratio Lower Upper
43 100
45 13.3 12.3 18.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

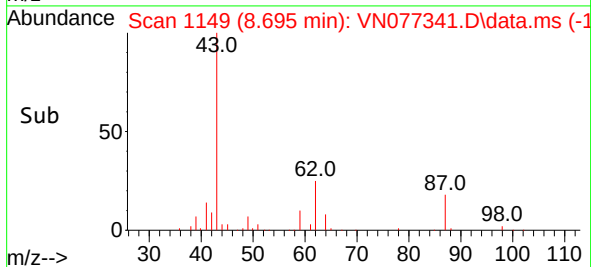
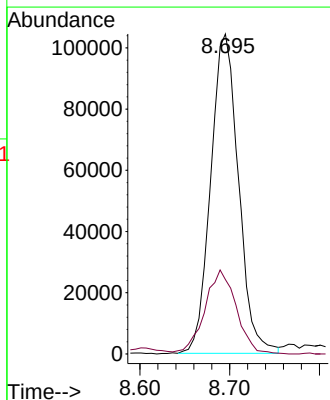
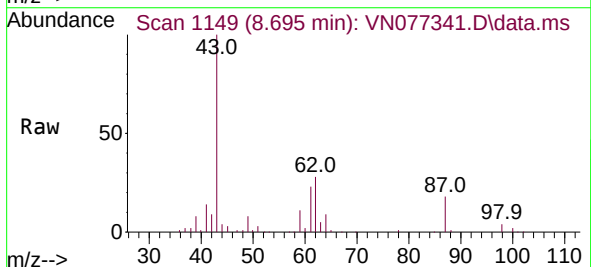
04/17/2023
Supervised By :Mahesh
Dadoda

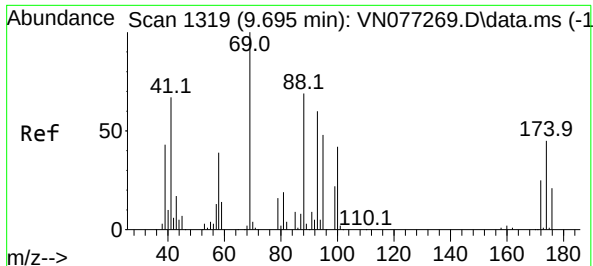
04/17/2023



#44
Isopropyl Acetate
Concen: 16.941 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Tgt Ion: 43 Resp: 224552
Ion Ratio Lower Upper
43 100
61 29.8 0.0 0.0#





#45

1,4-Dioxane

Concen: 359.233 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077341.D

Acq: 14 Apr 2023 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 88 Resp: 50219

Ion	Ratio	Lower	Upper
88	100		
43	19.6	17.4	26.0
58	54.2	48.2	72.4

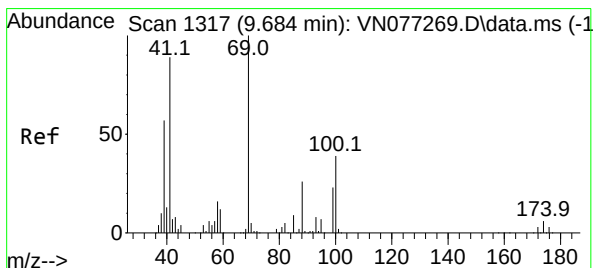
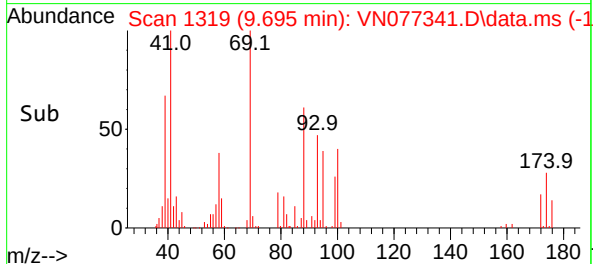
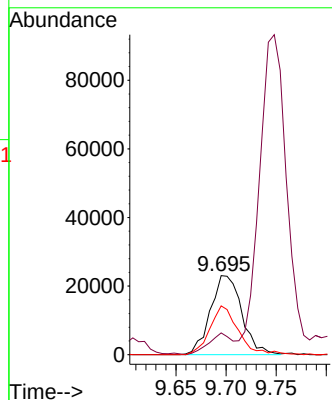
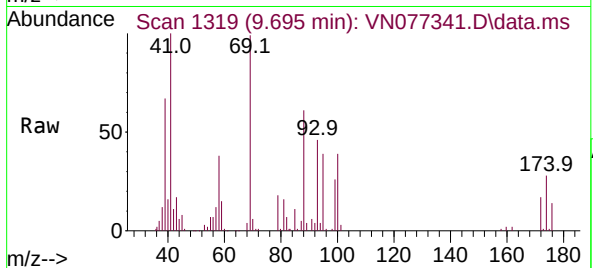
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/17/2023

Supervised By :Mahesh
Dadoda

04/17/2023



#46

Methyl methacrylate

Concen: 16.413 ug/l

RT: 9.683 min Scan# 1317

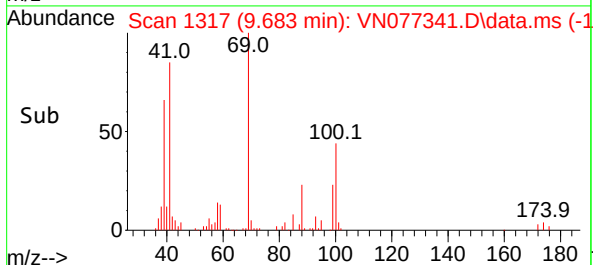
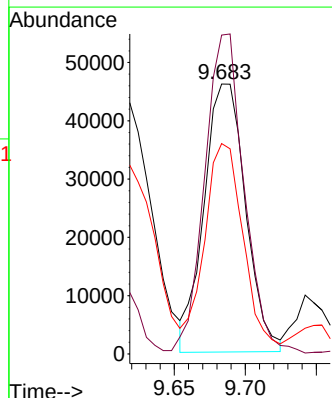
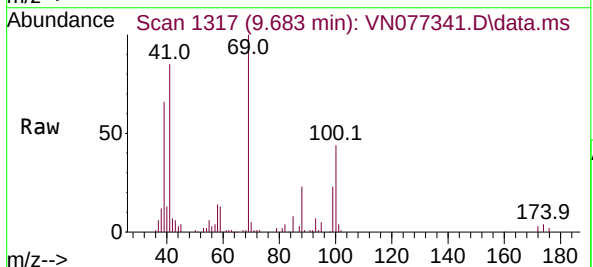
Delta R.T. -0.001 min

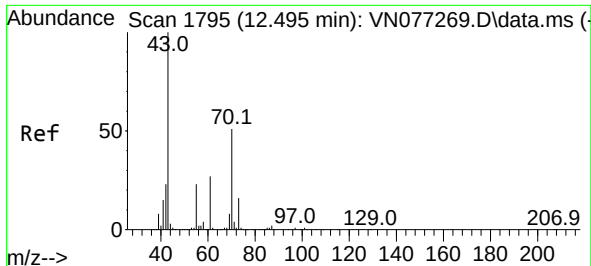
Lab File: VN077341.D

Acq: 14 Apr 2023 09:29

Tgt Ion: 41 Resp: 93670

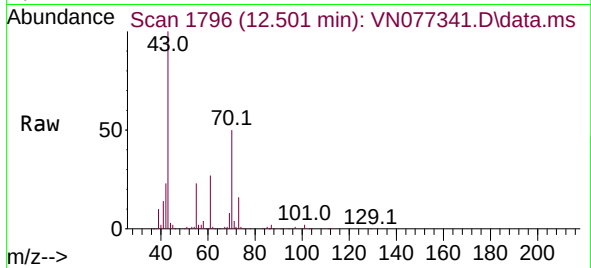
Ion	Ratio	Lower	Upper
41	100		
69	121.2	54.5	163.5
39	78.3	33.4	100.2





#47
n-amy1 Acetate
Concen: 17.180 ug/l
RT: 12.501 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



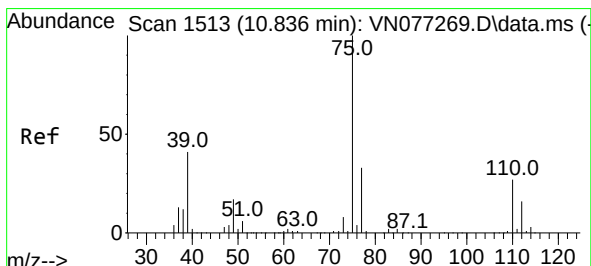
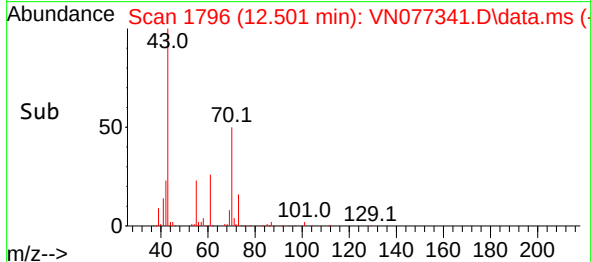
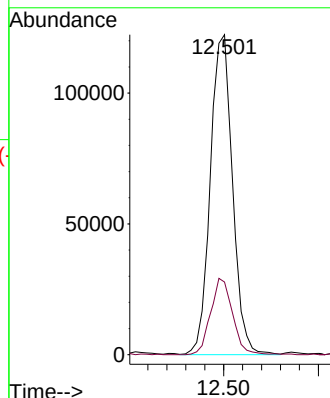
Tgt Ion: 43 Resp: 199012
Ion Ratio Lower Upper
43 100
55 23.5 19.4 29.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

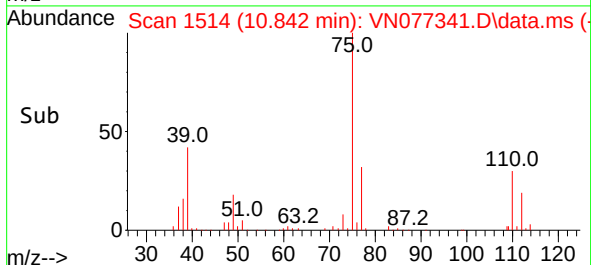
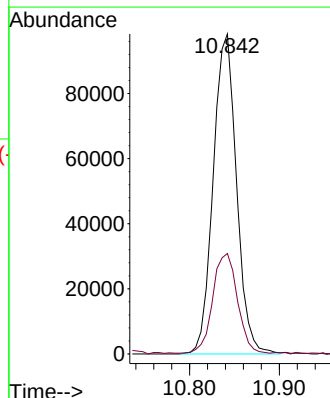
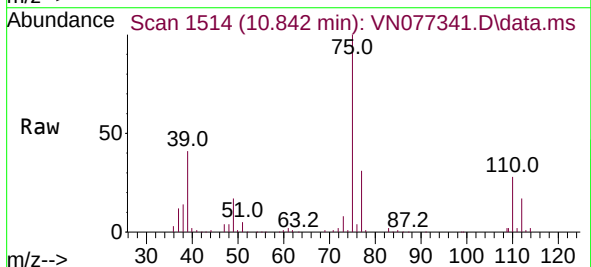
04/17/2023
Supervised By :Mahesh
Dadoda

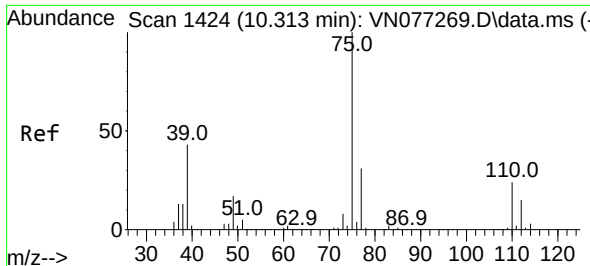
04/17/2023



#48
t-1,3-Dichloropropene
Concen: 16.961 ug/l
RT: 10.842 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Tgt Ion: 75 Resp: 177251
Ion Ratio Lower Upper
75 100
77 31.1 26.5 39.7





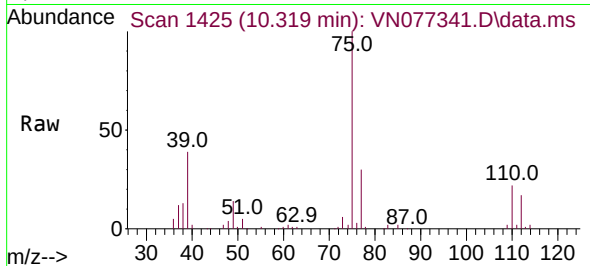
#49
cis-1,3-Dichloropropene
Concen: 17.872 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 75 Resp: 198690
Ion Ratio Lower Upper
75 100
77 30.0 25.0 37.6
39 39.3 34.4 51.6

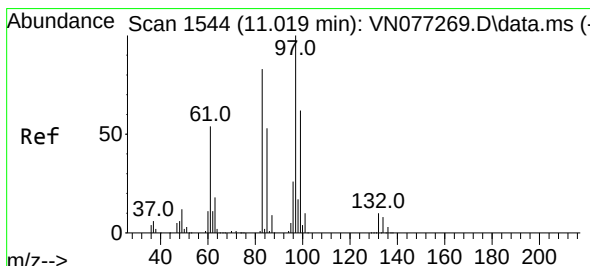
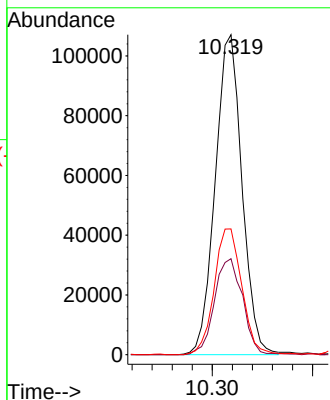
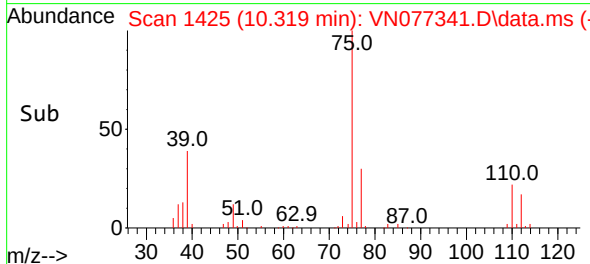
Manual Integrations
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Reviewed By :John
Carlone

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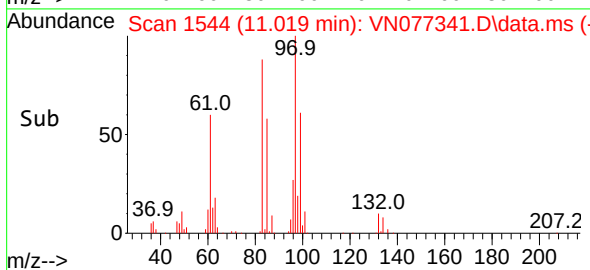
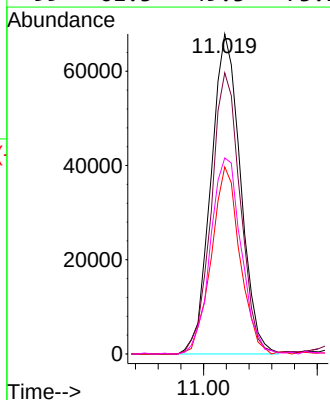
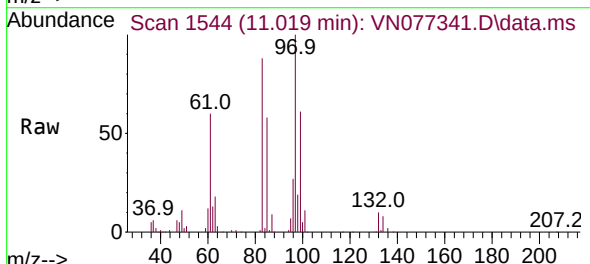
Supervised By :Mahesh
Dadoda

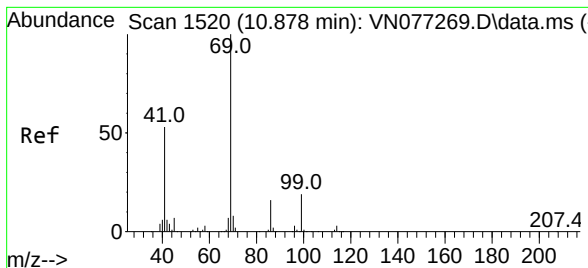
04/17/2023



#50
1,1,2-Trichloroethane
Concen: 18.045 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

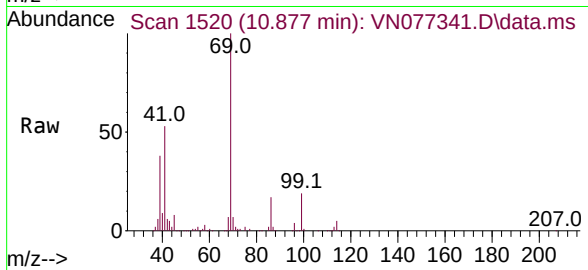
Tgt Ion: 97 Resp: 122743
Ion Ratio Lower Upper
97 100
83 87.8 66.7 100.1
85 58.5 42.4 63.6
99 61.3 49.3 73.9





#51
Ethyl methacrylate
Concen: 17.546 ug/l
RT: 10.877 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



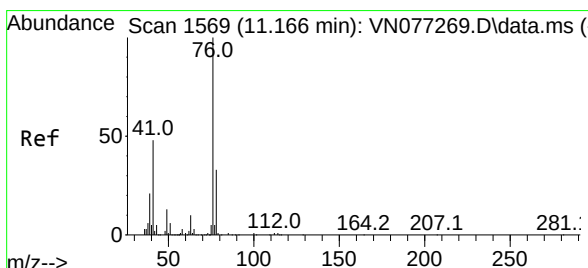
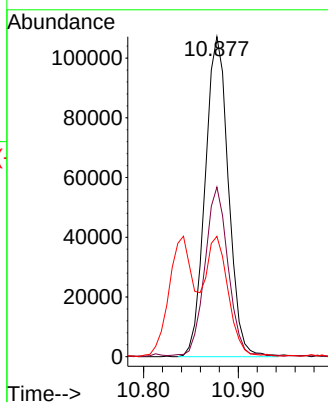
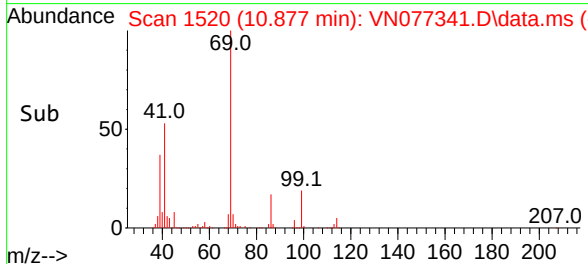
Tgt Ion: 69 Resp: 18328
Ion Ratio Lower Upper
69 100
41 52.6 26.7 80.0
39 37.4 17.0 50.9

Manual Integrations
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Reviewed By :John
Carlone

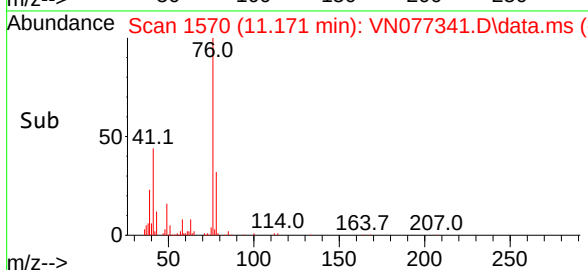
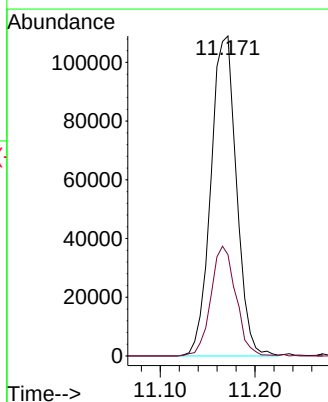
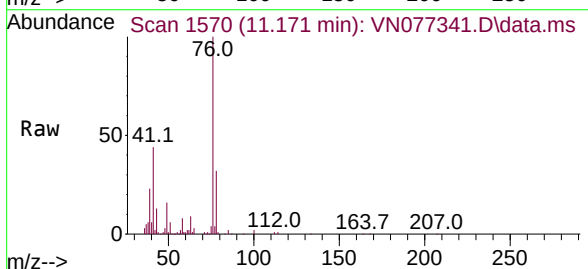
04/17/2023
Supervised By :Mahesh
Dadoda

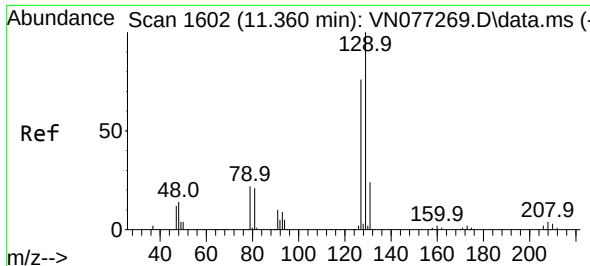
04/17/2023



#52
1,3-Dichloropropane
Concen: 18.064 ug/l
RT: 11.171 min Scan# 1570
Delta R.T. 0.005 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

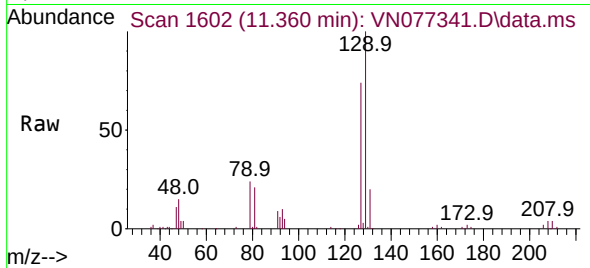
Tgt Ion: 76 Resp: 205072
Ion Ratio Lower Upper
76 100
78 33.3 0.0 65.0





#53
Dibromochloromethane
Concen: 18.630 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



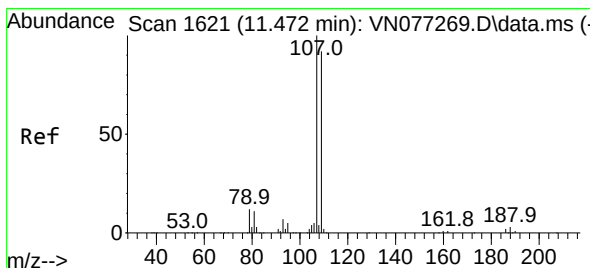
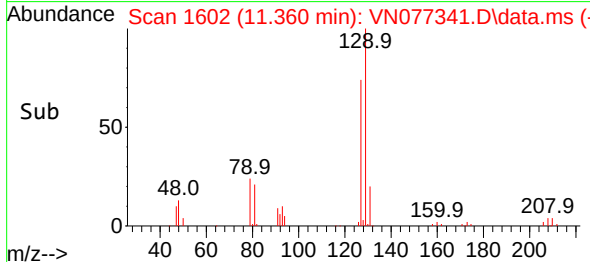
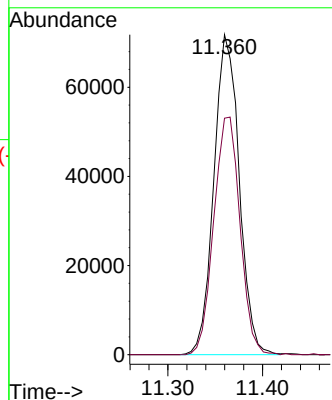
Tgt Ion:129 Resp: 133560
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8

Manual Integrations
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Reviewed By :John
Carlone

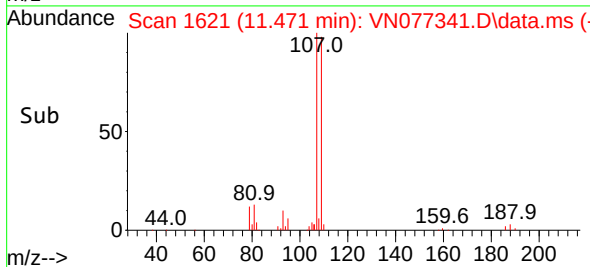
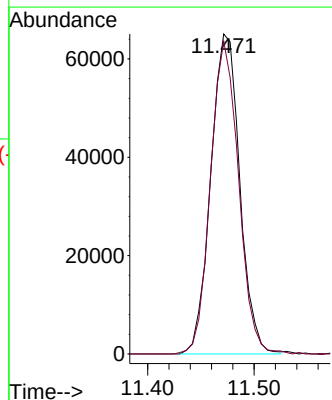
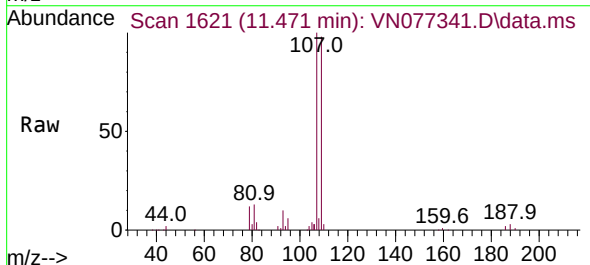
04/17/2023
Supervised By :Mahesh
Dadoda

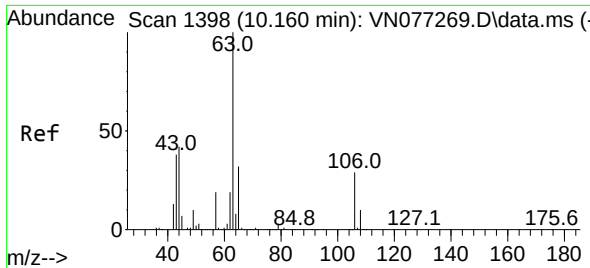
04/17/2023



#54
1,2-Dibromoethane
Concen: 17.959 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

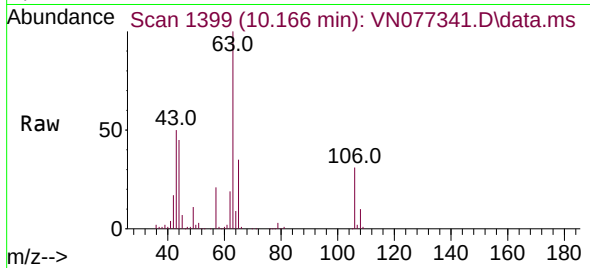
Tgt Ion:107 Resp: 122633
Ion Ratio Lower Upper
107 100
109 94.6 74.1 111.1





#55
2-Chloroethyl vinyl ether
Concen: 92.548 ug/l
RT: 10.166 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



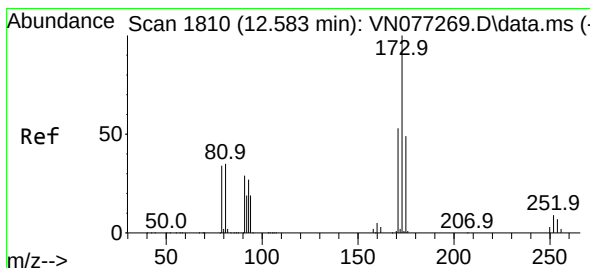
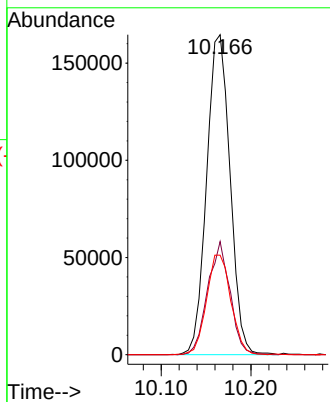
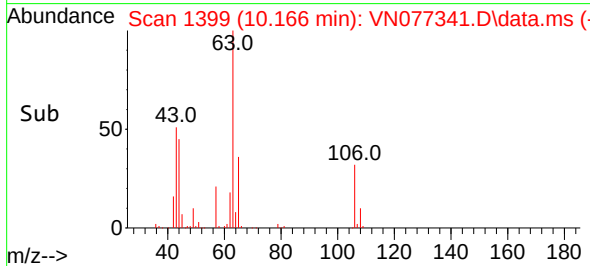
Tgt Ion: 63 Resp: 298479
Ion Ratio Lower Upper
63 100
65 33.7 25.7 38.5
106 32.5 24.0 36.0

Manual Integrations
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Reviewed By :John
Carlone

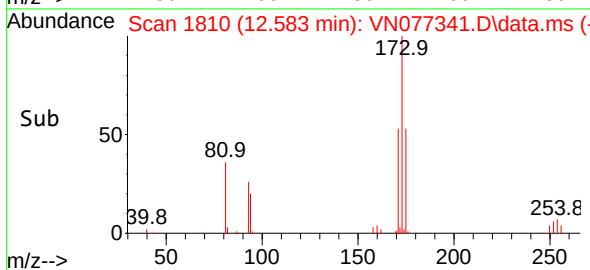
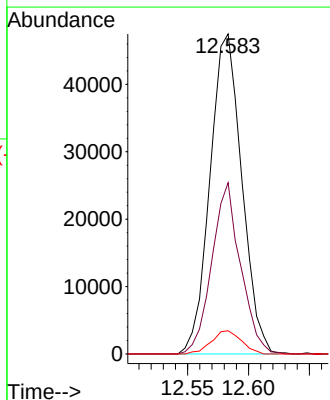
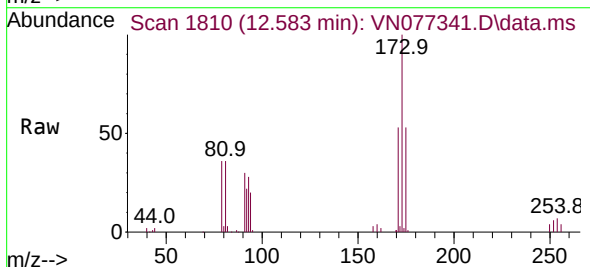
04/17/2023
Supervised By :Mahesh
Dadoda

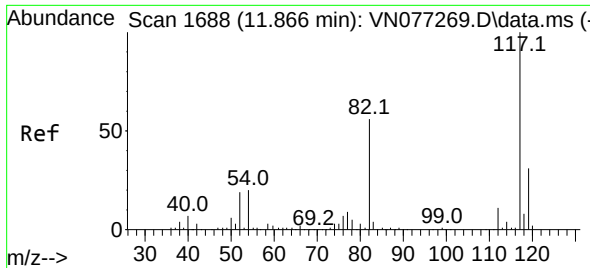
04/17/2023



#56
Bromoform
Concen: 17.925 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

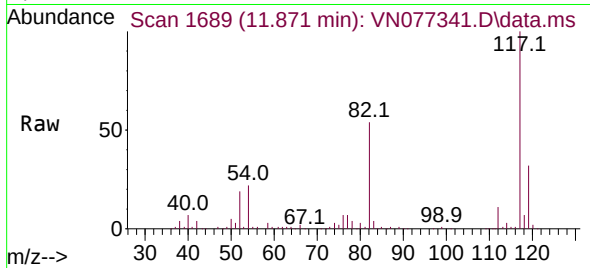
Tgt Ion:173 Resp: 86326
Ion Ratio Lower Upper
173 100
175 48.2 38.2 57.2
254 6.8 6.0 9.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



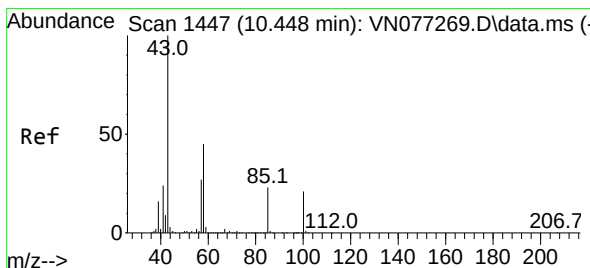
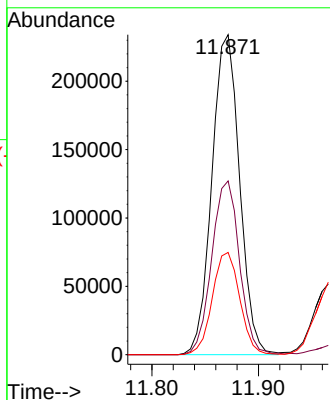
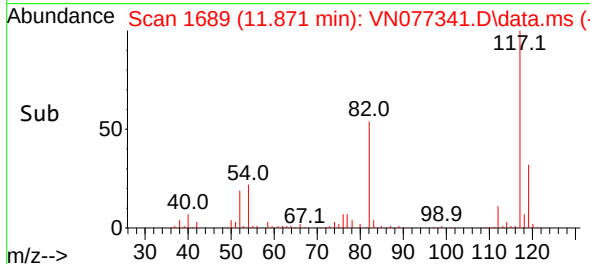
Tgt Ion: 117 Resp: 423010
Ion Ratio Lower Upper
117 100
82 54.5 43.8 65.8
119 31.7 25.4 38.0

Manual Integrations
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Reviewed By :John
Carlone

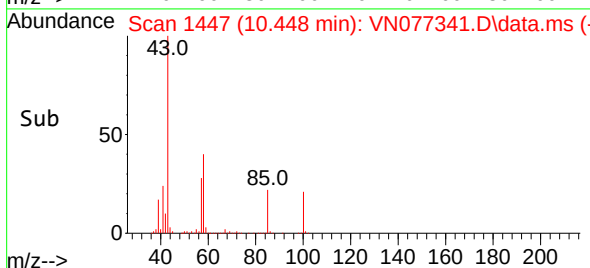
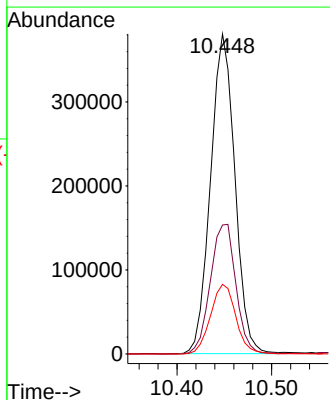
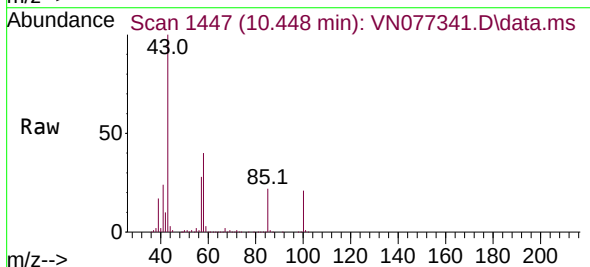
04/17/2023
Supervised By :Mahesh
Dadoda

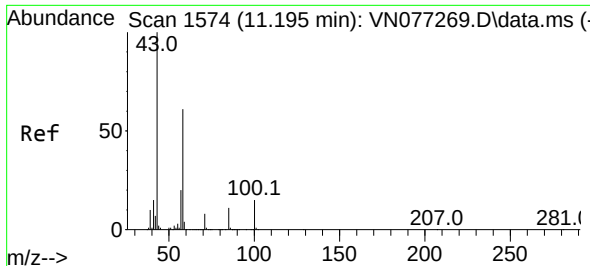
04/17/2023



#58
4-Methyl-2-Pentanone
Concen: 85.825 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

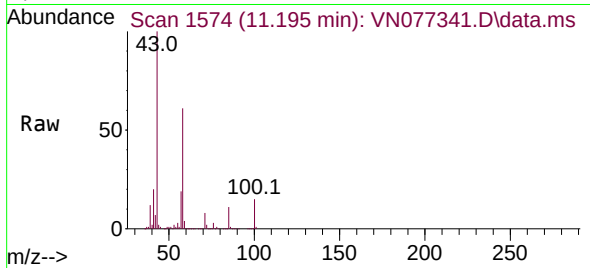
Tgt Ion: 43 Resp: 679765
Ion Ratio Lower Upper
43 100
58 42.6 34.7 52.1
85 22.7 17.8 26.8





#59
2-Hexanone
Concen: 80.489 ug/l
RT: 11.195 min Scan# 11195
Delta R.T. -0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



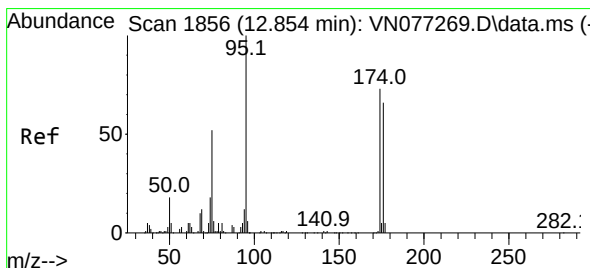
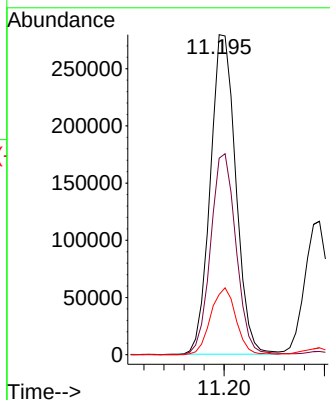
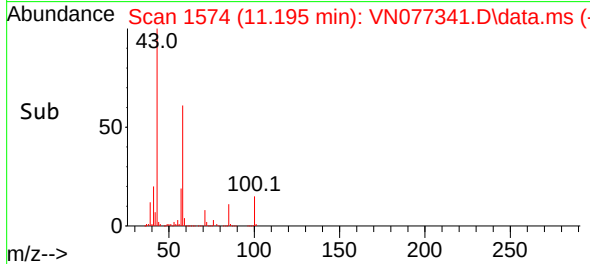
Tgt Ion: 43 Resp: 492764
Ion Ratio Lower Upper
43 100
58 62.9 48.6 73.0
57 20.6 16.7 25.1

Manual Integrations
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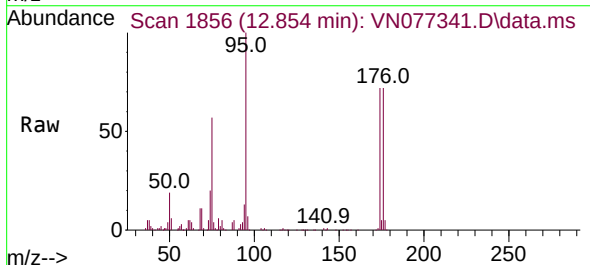
Reviewed By :John
Carlone

04/17/2023
Supervised By :Mahesh
Dadoda

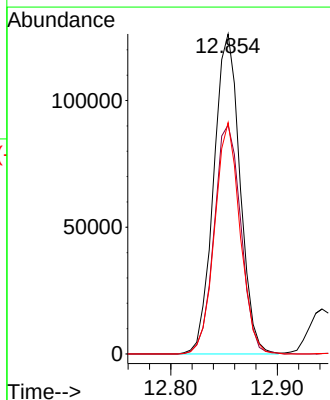
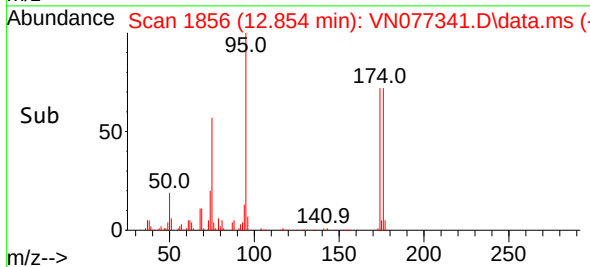
04/17/2023

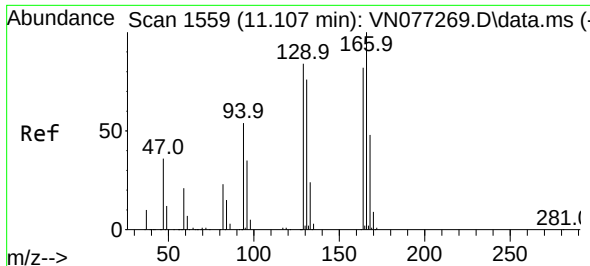


#60
4-Bromofluorobenzene
Concen: 29.545 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29



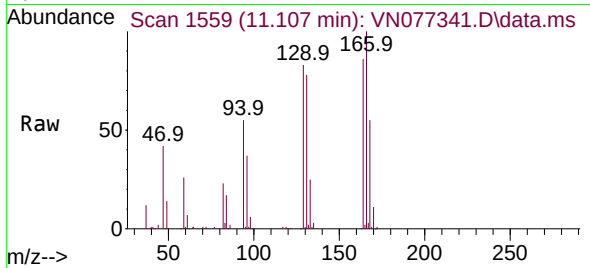
Tgt Ion: 95 Resp: 216106
Ion Ratio Lower Upper
95 100
174 72.7 57.8 86.8
176 70.0 54.6 81.8





#61
Tetrachloroethene
Concen: 18.243 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



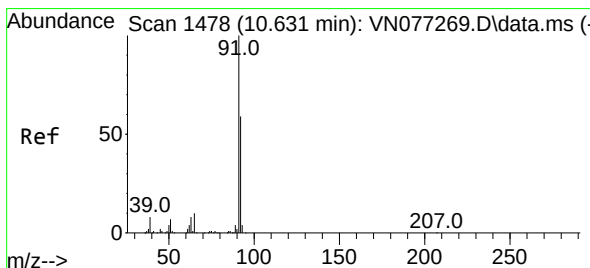
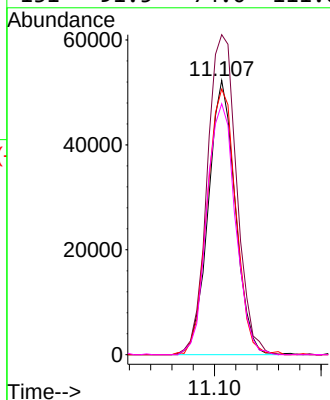
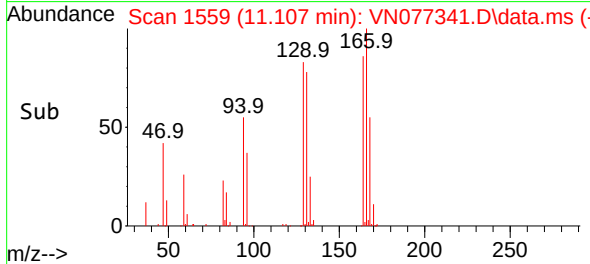
Tgt Ion:164 Resp: 91790
Ion Ratio Lower Upper
164 100
166 116.4 97.9 146.9
129 96.1 82.5 123.7
131 91.5 74.0 111.0

Manual Integrations
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Reviewed By :John
Carlone

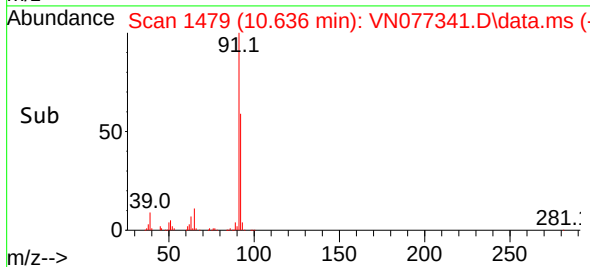
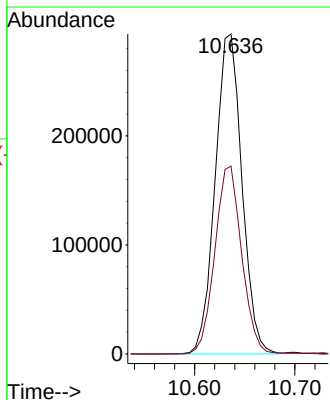
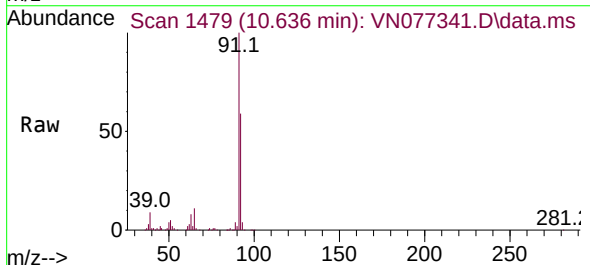
04/17/2023
Supervised By :Mahesh
Dadoda

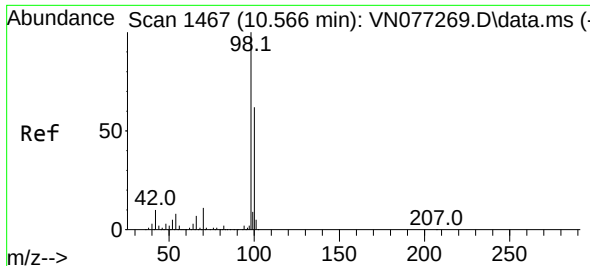
04/17/2023



#62
Toluene
Concen: 18.422 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.005 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

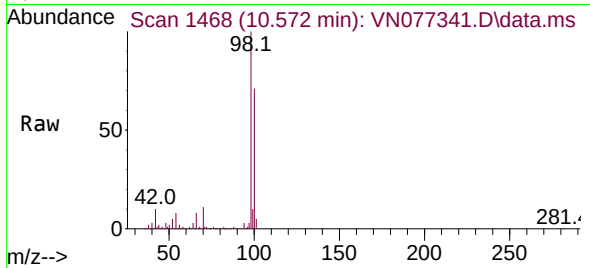
Tgt Ion: 91 Resp: 543720
Ion Ratio Lower Upper
91 100
92 58.9 46.6 70.0





#63
Toluene-d8
Concen: 29.736 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



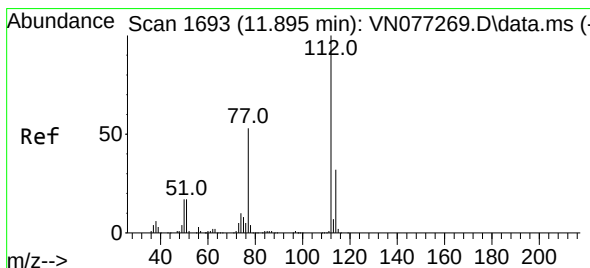
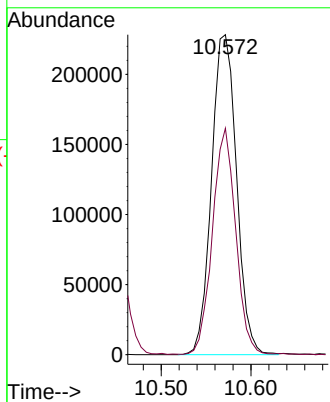
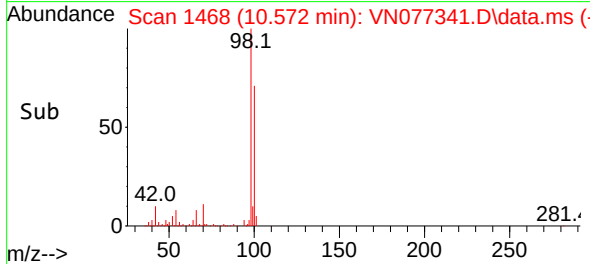
Tgt Ion: 98 Resp: 442210
Ion Ratio Lower Upper
98 100
100 65.8 51.4 77.2

Manual Integrations
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Reviewed By :John
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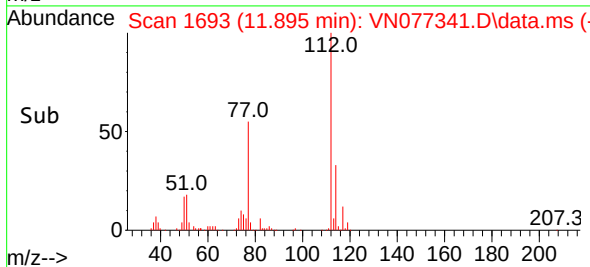
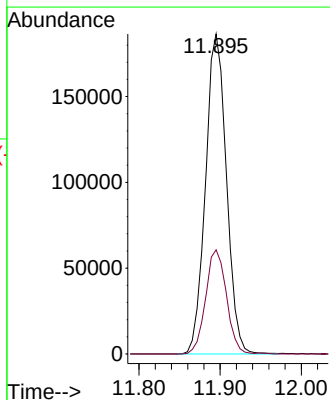
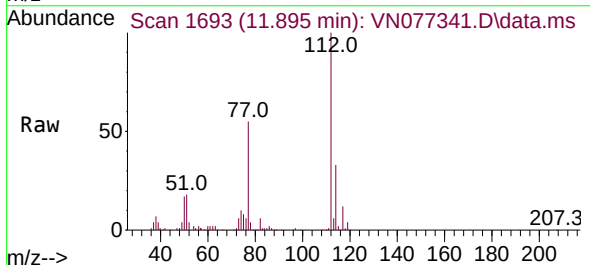
04/17/2023
Supervised By :Mahesh
Dadoda

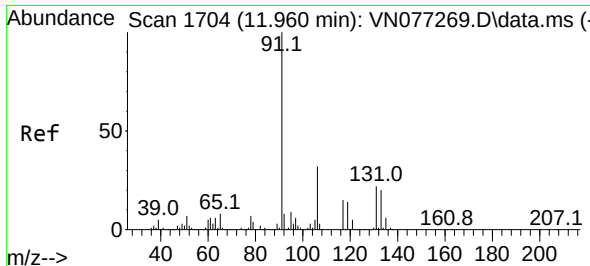
04/17/2023



#64
Chlorobenzene
Concen: 18.618 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Tgt Ion:112 Resp: 333839
Ion Ratio Lower Upper
112 100
114 32.6 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 19.143 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

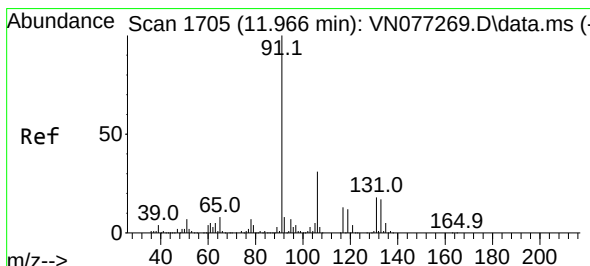
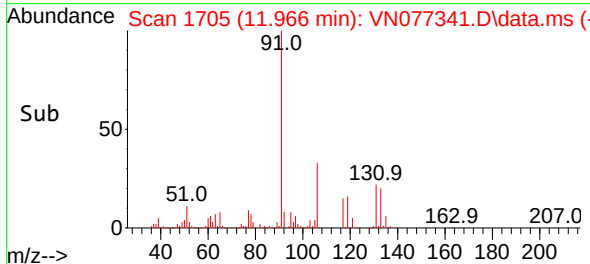
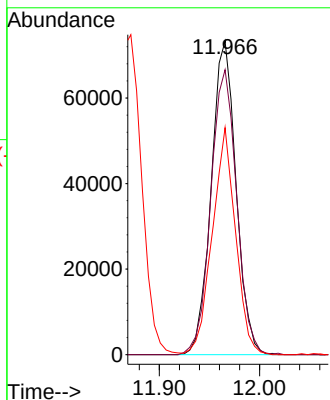
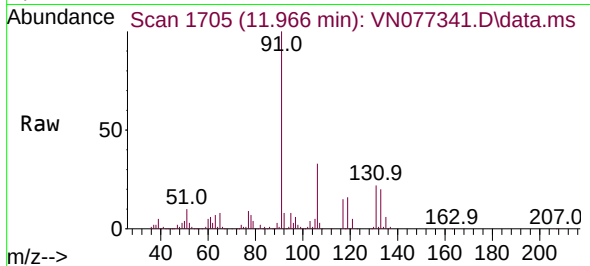
Tgt Ion:131 Resp: 126228
Ion Ratio Lower Upper
131 100
133 94.5 0.0 184.4
119 67.8 0.0 134.8

Manual Integrations
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Reviewed By :John
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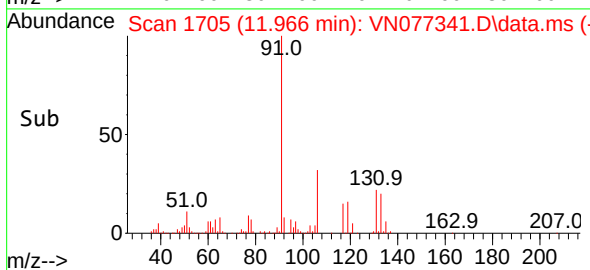
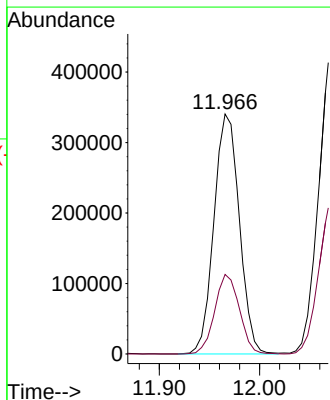
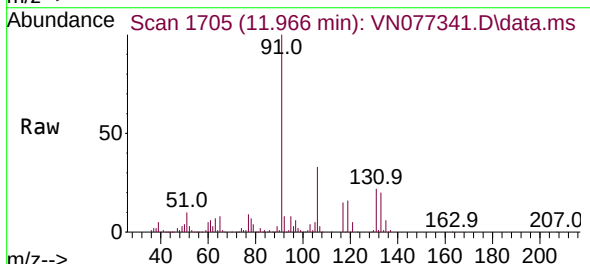
04/17/2023
Supervised By :Mahesh
Dadoda

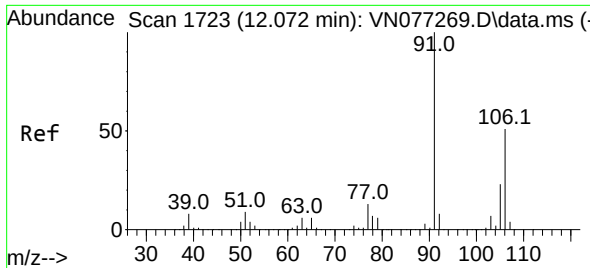
04/17/2023



#66
Ethyl Benzene
Concen: 18.327 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Tgt Ion: 91 Resp: 599253
Ion Ratio Lower Upper
91 100
106 33.2 25.0 37.6





#67
m/p-Xylenes
Concen: 36.990 ug/l
RT: 12.077 min Scan# 1723
Delta R.T. 0.005 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

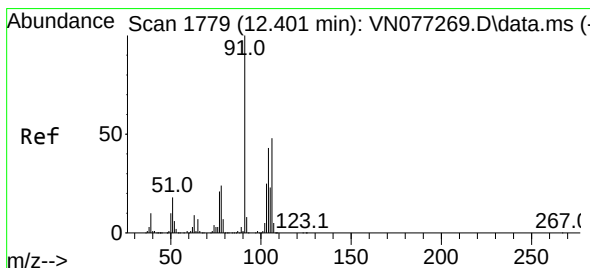
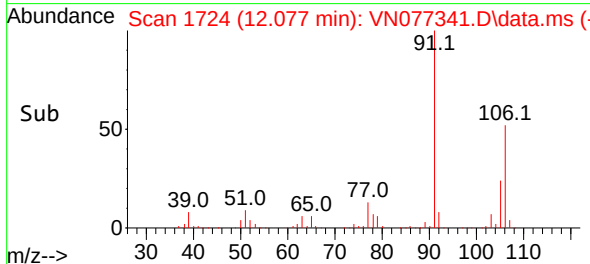
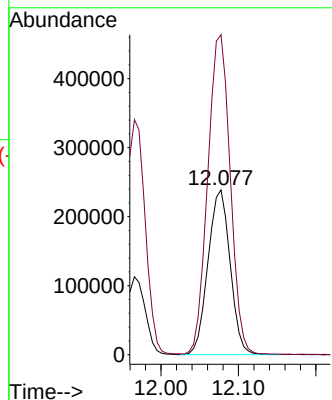
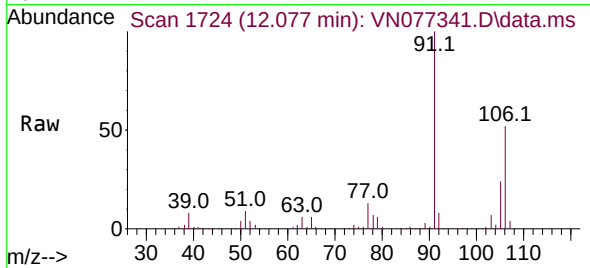
Tgt Ion:106 Resp: 47409
Ion Ratio Lower Upper
106 100
91 197.9 158.0 237.0

Manual Integrations
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Reviewed By :John
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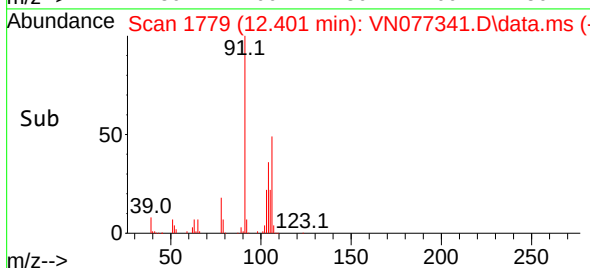
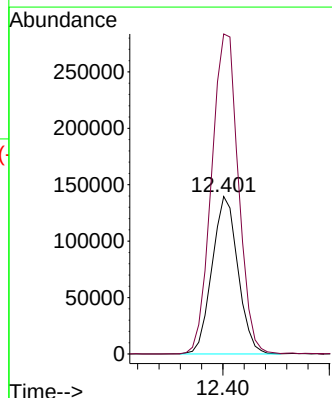
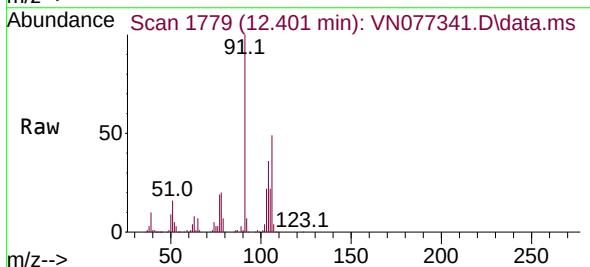
04/17/2023
Supervised By :Mahesh
Dadoda

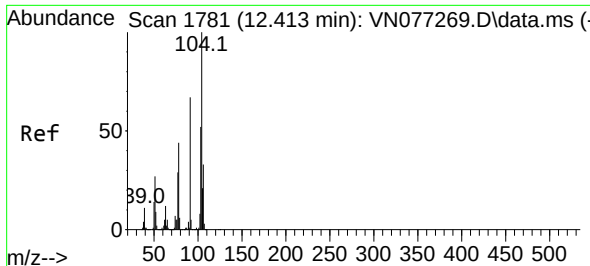
04/17/2023



#68
o-Xylene
Concen: 18.336 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

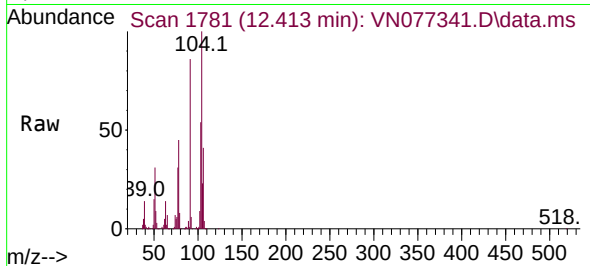
Tgt Ion:106 Resp: 235113
Ion Ratio Lower Upper
106 100
91 211.3 103.6 310.8





#69
Styrene
Concen: 18.149 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



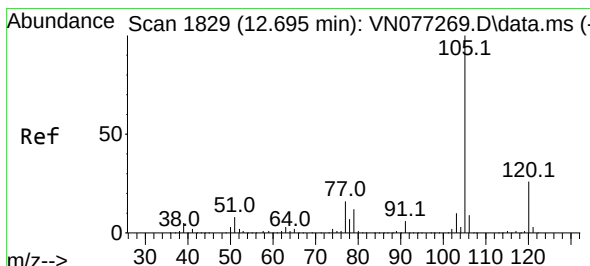
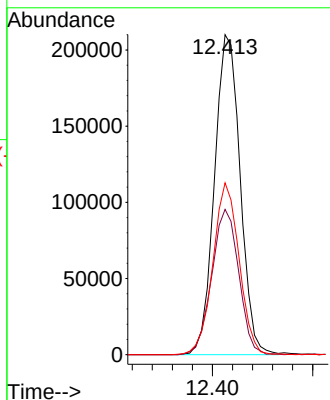
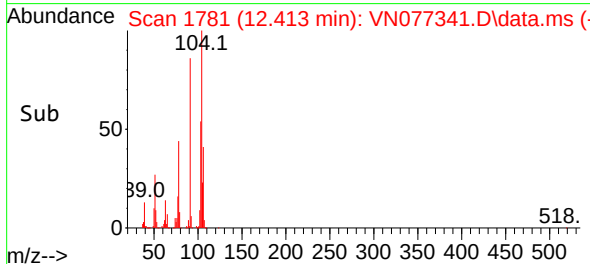
Tgt Ion:104 Resp: 372834
Ion Ratio Lower Upper
104 100
78 47.6 38.2 57.4
103 54.7 43.6 65.4

Manual Integrations
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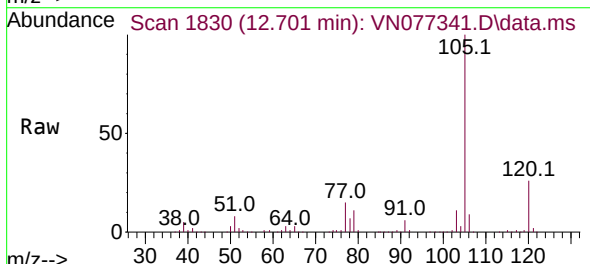
Reviewed By :John
Carlone

04/17/2023
Supervised By :Mahesh
Dadoda

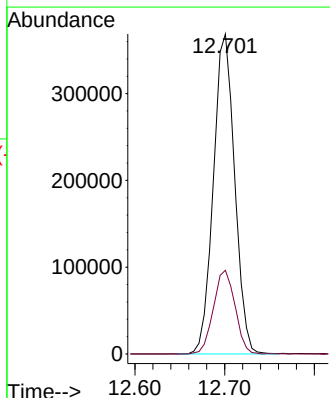
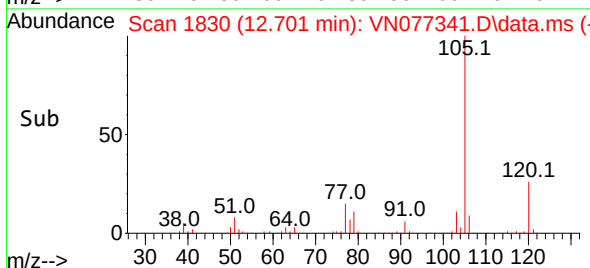
04/17/2023

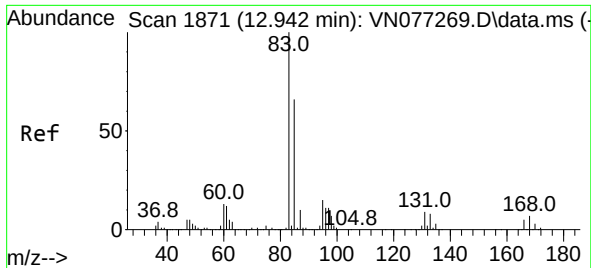


#70
Isopropylbenzene
Concen: 18.675 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29



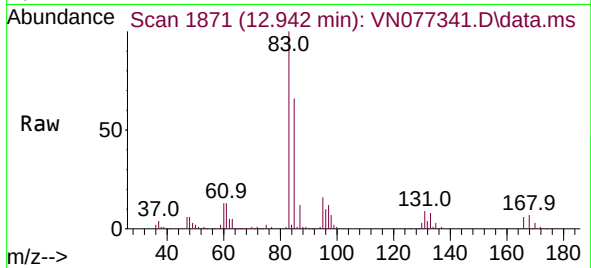
Tgt Ion:105 Resp: 607714
Ion Ratio Lower Upper
105 100
120 26.5 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 18.322 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



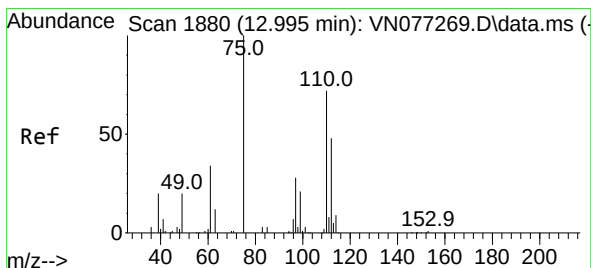
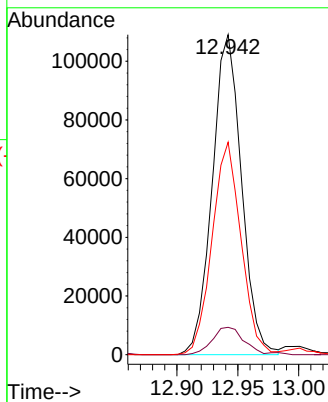
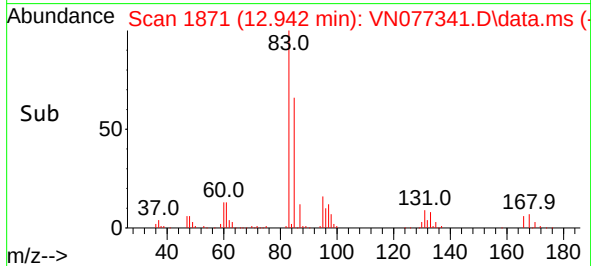
Tgt Ion: 83 Resp: 18258
Ion Ratio Lower Upper
83 100
131 9.1 4.7 14.0
85 65.5 32.3 96.8

Manual Integrations
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Reviewed By :John
Carlone

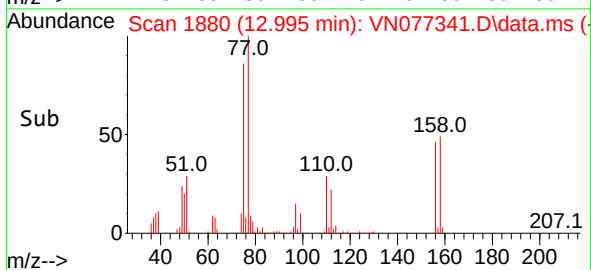
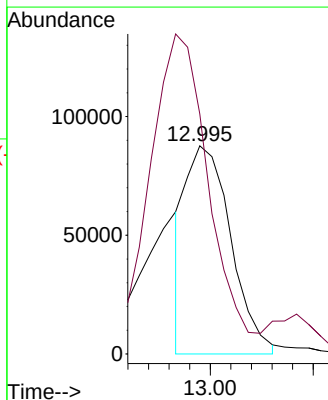
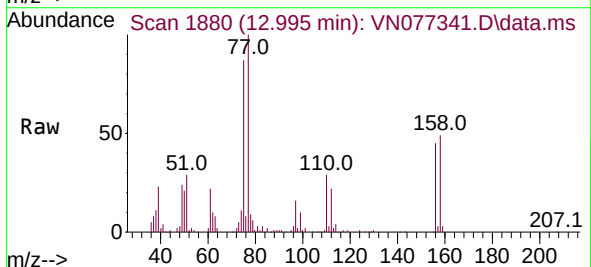
04/17/2023
Supervised By :Mahesh
Dadoda

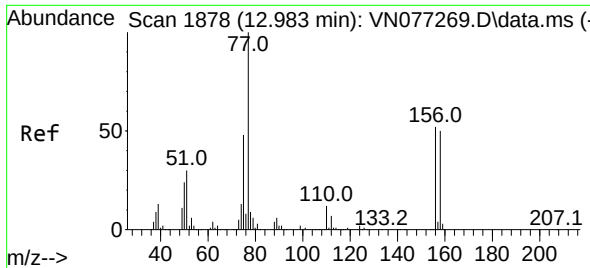
04/17/2023



#72
1,2,3-Trichloropropane
Concen: 19.686 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Tgt Ion: 75 Resp: 133351
Ion Ratio Lower Upper
75 100
77 203.7 0.0 434.2





#73
Bromobenzene
Concen: 19.044 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

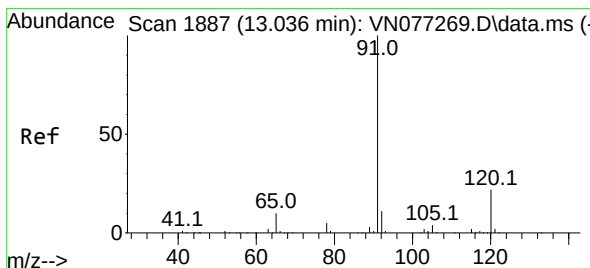
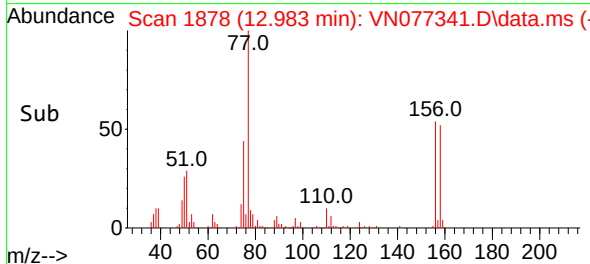
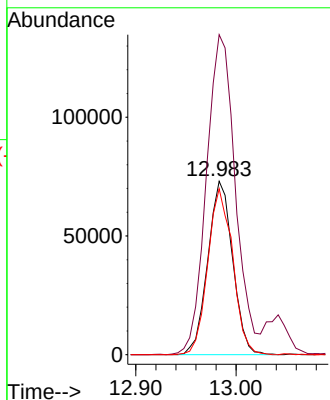
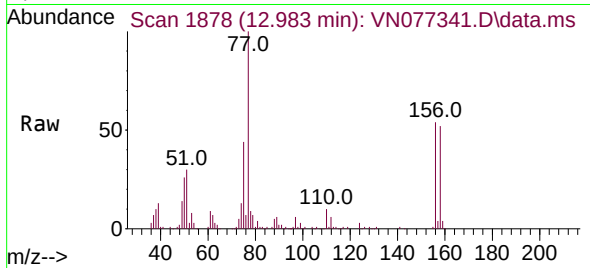
Tgt Ion: 156 Resp: 125904
Ion Ratio Lower Upper
156 100
77 215.7 0.0 456.6
158 95.7 0.0 195.6

Manual Integrations
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Reviewed By :John
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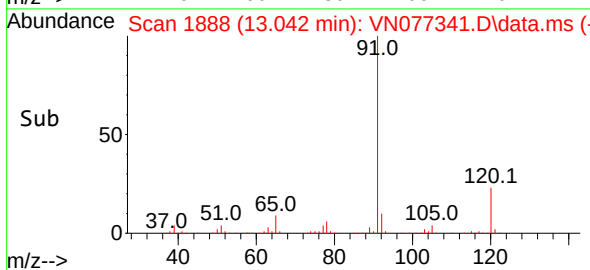
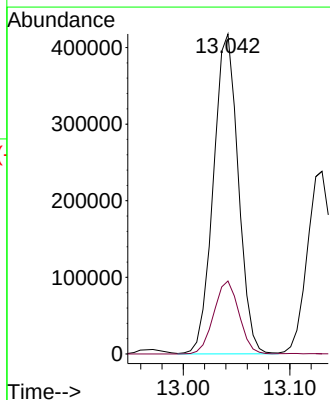
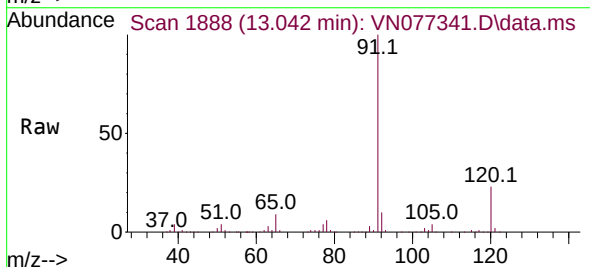
04/17/2023
Supervised By :Mahesh
Dadoda

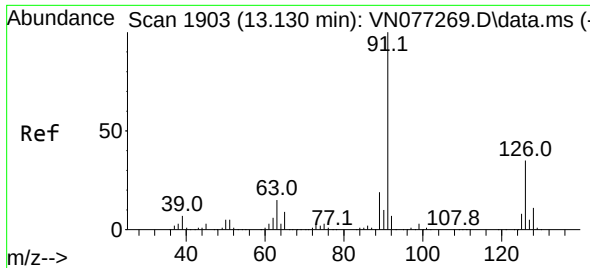
04/17/2023



#74
n-propylbenzene
Concen: 18.820 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Tgt Ion: 91 Resp: 677575
Ion Ratio Lower Upper
91 100
120 23.0 0.0 45.6





#75
2-Chlorotoluene
Concen: 19.050 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

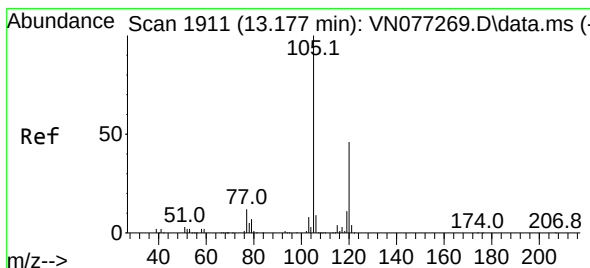
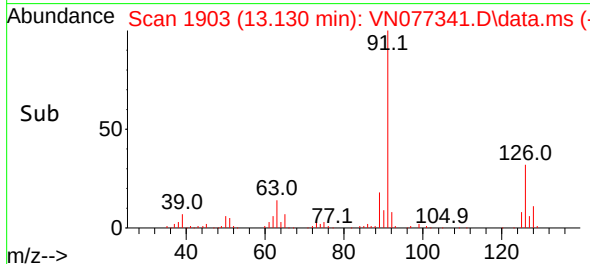
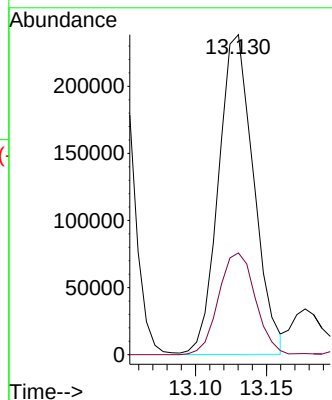
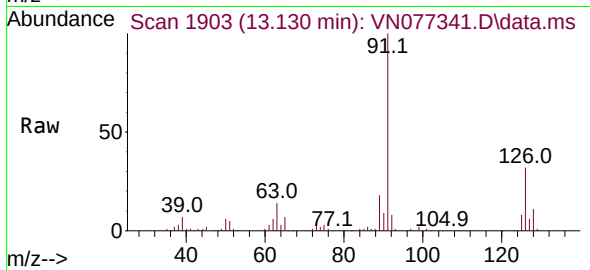
Tgt Ion: 91 Resp: 410890
Ion Ratio Lower Upper
91 100
126 33.1 0.0 67.0

Manual Integrations
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Reviewed By :John
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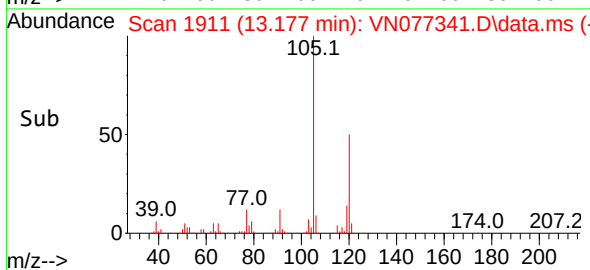
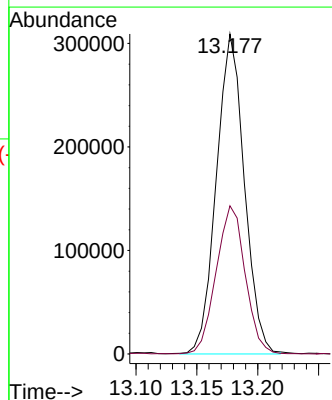
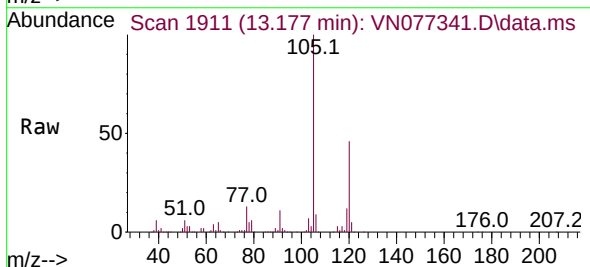
04/17/2023
Supervised By :Mahesh
Dadoda

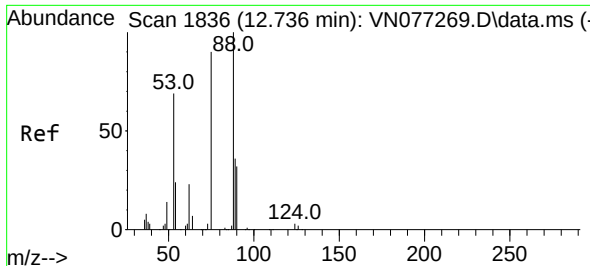
04/17/2023



#76
1,3,5-Trimethylbenzene
Concen: 18.666 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

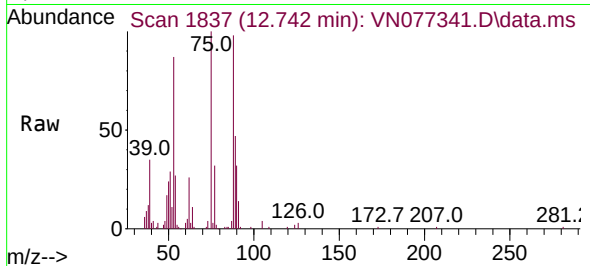
Tgt Ion:105 Resp: 494381
Ion Ratio Lower Upper
105 100
120 48.0 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 16.741 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



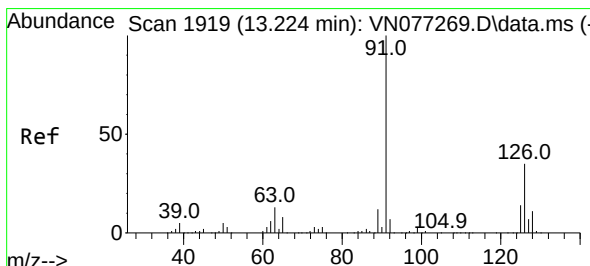
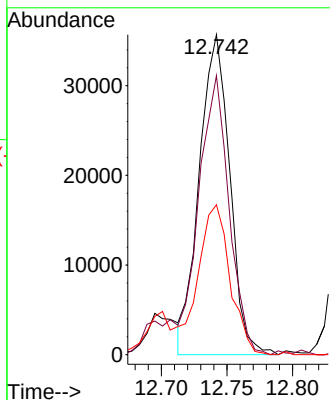
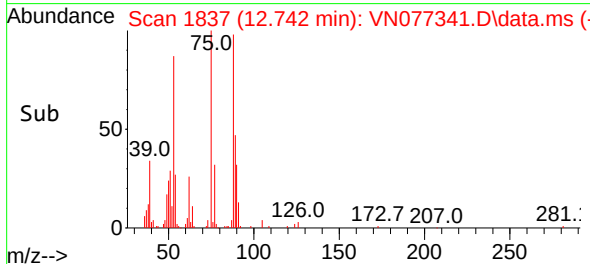
Tgt Ion: 75 Resp: 57760
Ion Ratio Lower Upper
75 100
53 86.0 38.8 116.4
89 46.9 23.2 69.6

Manual Integrations
APPROVED

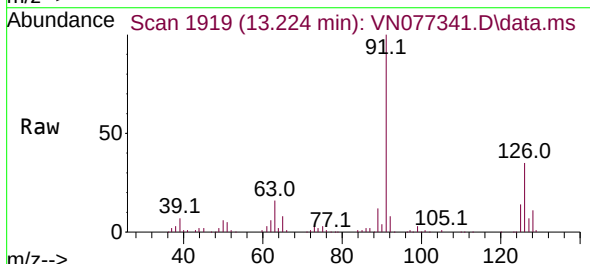
Reviewed By :John
Carlone

04/17/2023
Supervised By :Mahesh
Dadoda

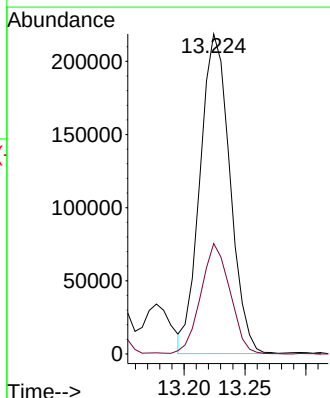
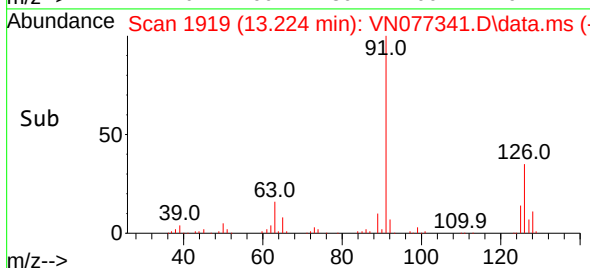
04/17/2023

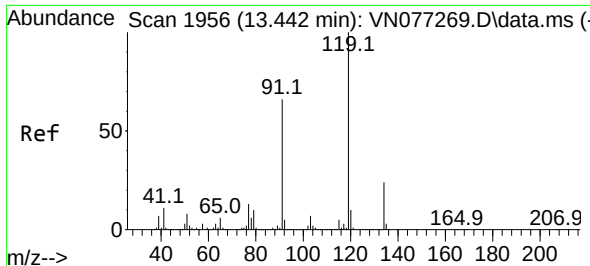


#78
4-Chlorotoluene
Concen: 18.313 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29



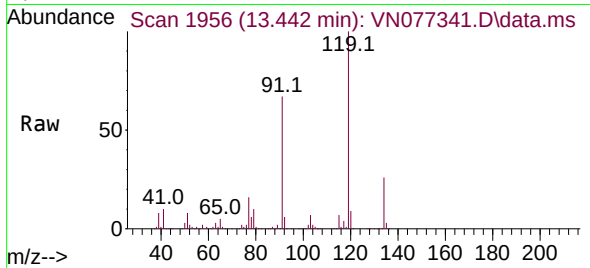
Tgt Ion: 91 Resp: 373213
Ion Ratio Lower Upper
91 100
126 33.7 0.0 67.4





#79
tert-butylbenzene
Concen: 18.550 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



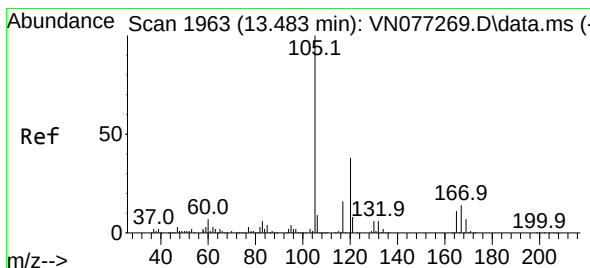
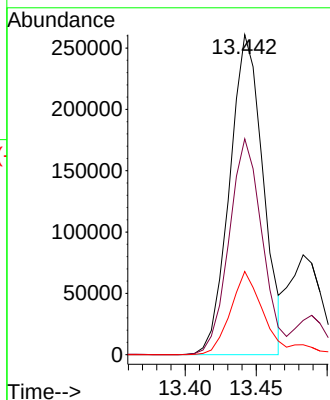
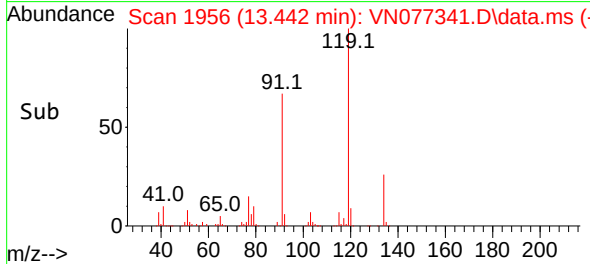
Tgt Ion:119 Resp: 427589
Ion Ratio Lower Upper
119 100
91 67.3 0.0 131.0
134 24.8 0.0 49.8

Manual Integrations
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Reviewed By :John
Carlone

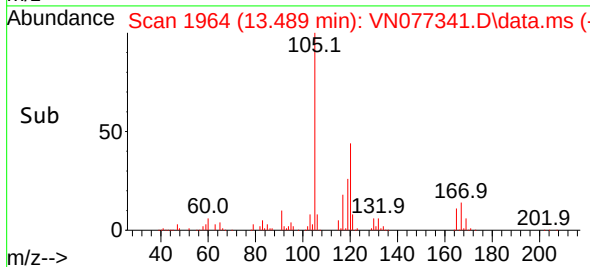
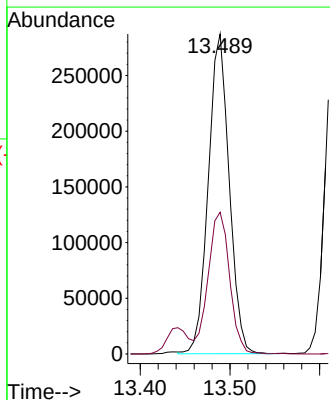
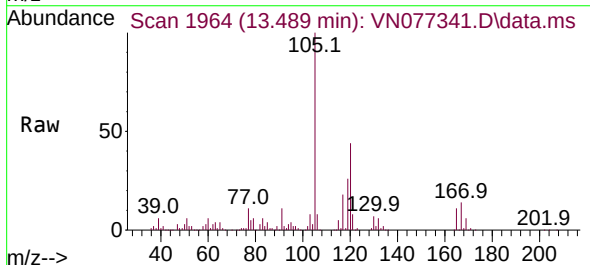
04/17/2023
Supervised By :Mahesh
Dadoda

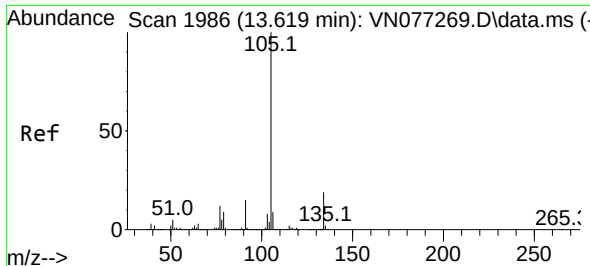
04/17/2023



#80
1,2,4-Trimethylbenzene
Concen: 17.981 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

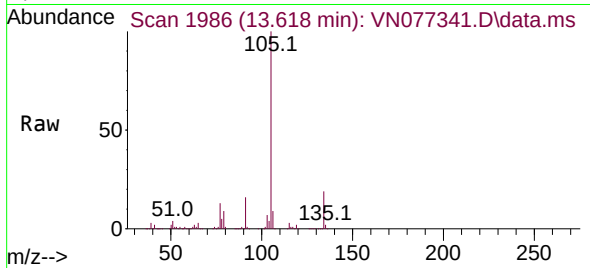
Tgt Ion:105 Resp: 464234
Ion Ratio Lower Upper
105 100
120 45.3 0.0 91.0





#81
 sec-Butylbenzene
 Concen: 18.947 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN077341.D
 Acq: 14 Apr 2023 09:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



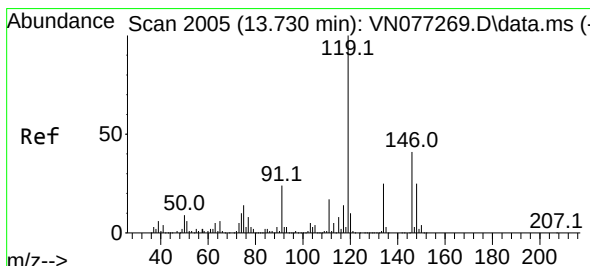
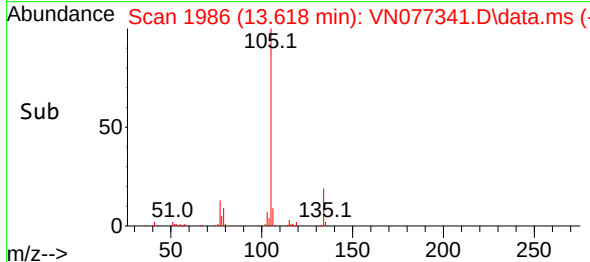
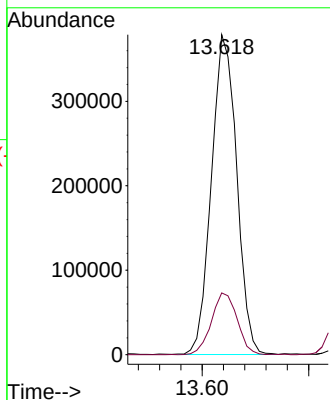
Tgt Ion:105 Resp: 623728
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 38.6

Manual Integrations
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Reviewed By :John
 Carlone

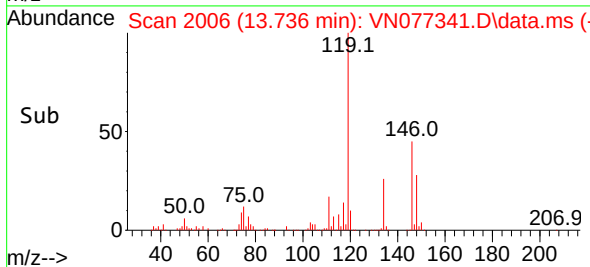
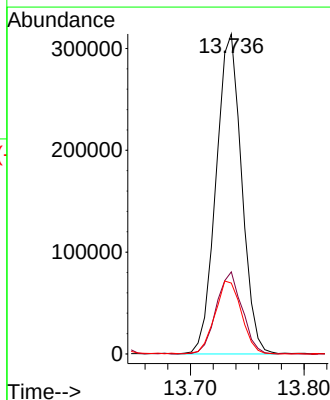
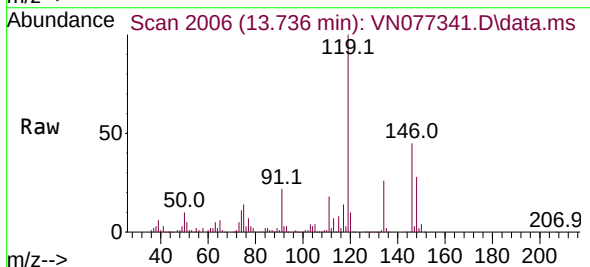
04/17/2023
 Supervised By :Mahesh
 Dadoda

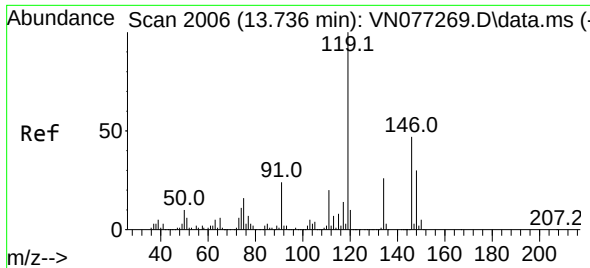
04/17/2023



#82
 p-Isopropyltoluene
 Concen: 18.668 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077341.D
 Acq: 14 Apr 2023 09:29

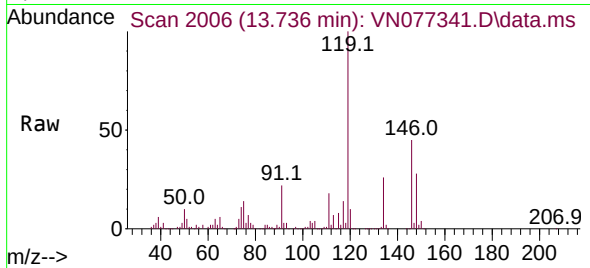
Tgt Ion:119 Resp: 492349
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 51.0
 91 23.6 0.0 48.0





#83
1,3-Dichlorobenzene
Concen: 18.205 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



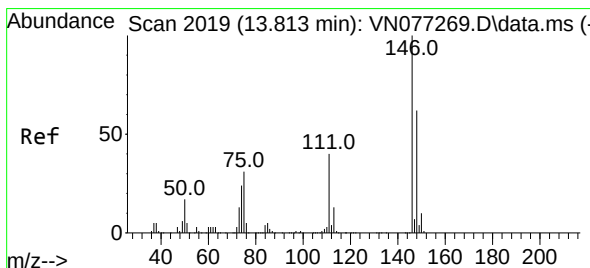
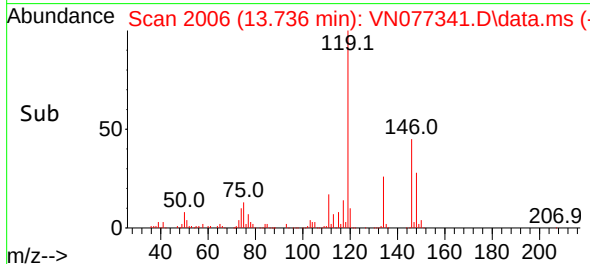
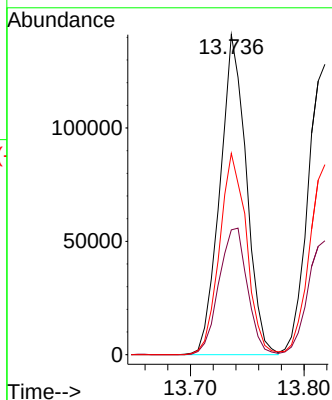
Tgt Ion:146 Resp: 228199
Ion Ratio Lower Upper
146 100
111 42.6 21.4 64.2
148 64.1 31.9 95.5

Manual Integrations
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Reviewed By :John
Carlone

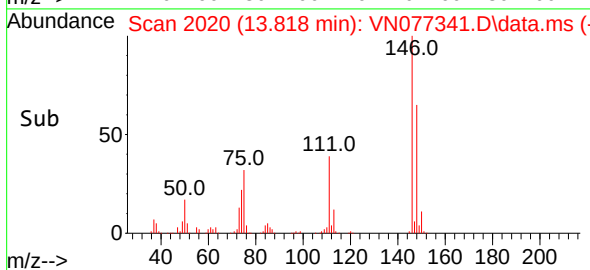
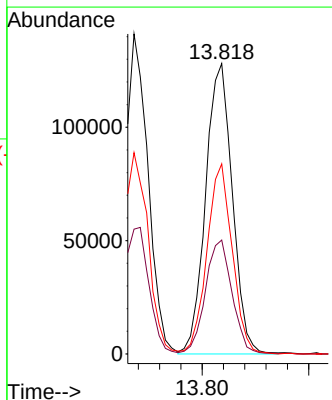
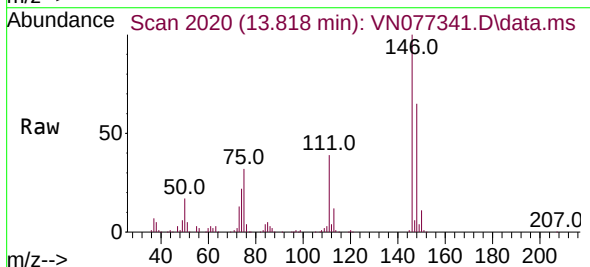
04/17/2023
Supervised By :Mahesh
Dadoda

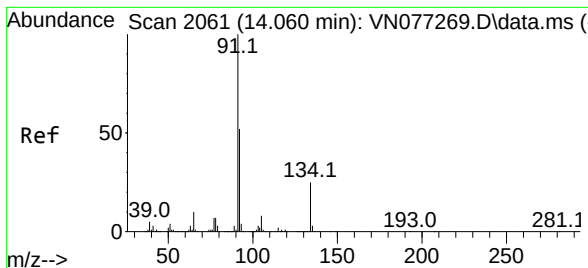
04/17/2023



#84
1,4-Dichlorobenzene
Concen: 18.383 ug/l
RT: 13.818 min Scan# 2020
Delta R.T. 0.005 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

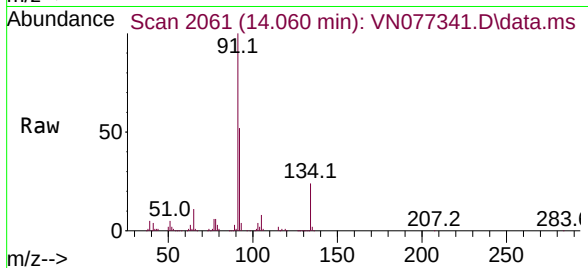
Tgt Ion:146 Resp: 223570
Ion Ratio Lower Upper
146 100
111 39.1 20.3 61.0
148 62.1 31.6 94.7





#85
n-Butylbenzene
Concen: 17.980 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



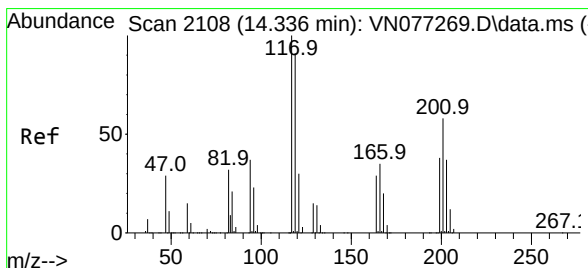
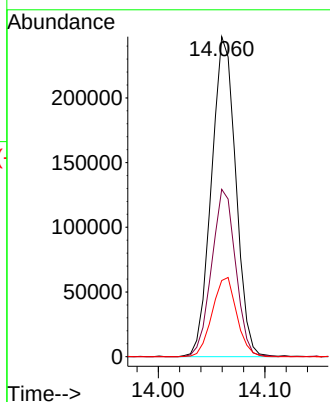
Tgt Ion: 91 Resp: 391850
Ion Ratio Lower Upper
91 100
92 51.6 0.0 105.6
134 25.0 0.0 49.4

Manual Integrations
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Reviewed By :John
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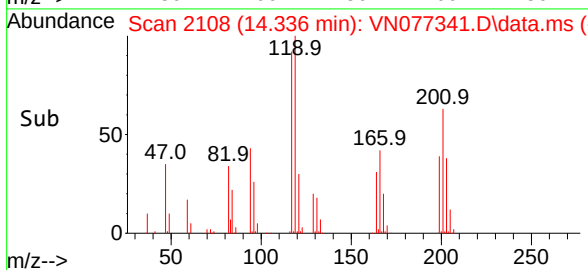
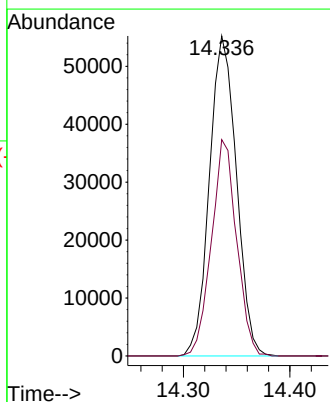
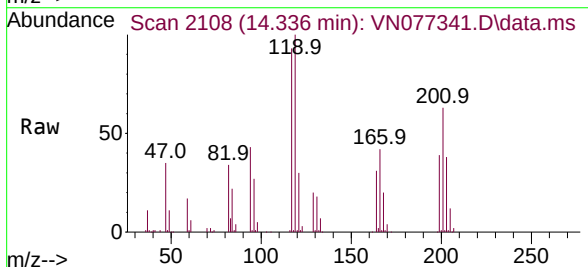
04/17/2023
Supervised By :Mahesh
Dadoda

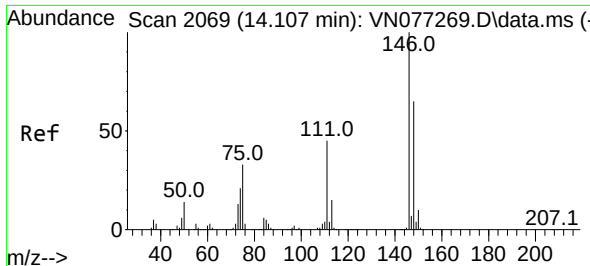
04/17/2023



#86
Hexachloroethane
Concen: 17.312 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Tgt Ion:117 Resp: 97123
Ion Ratio Lower Upper
117 100
201 63.2 29.1 87.4





#87
1,2-Dichlorobenzene
Concen: 18.380 ug/l
RT: 14.112 min Scan# 2069
Delta R.T. 0.005 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

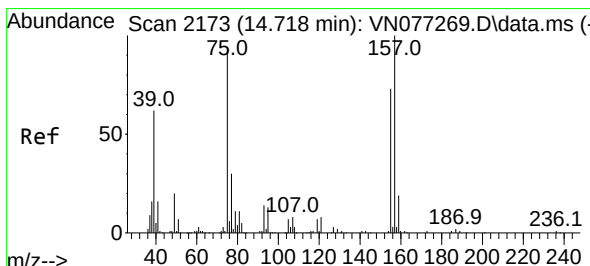
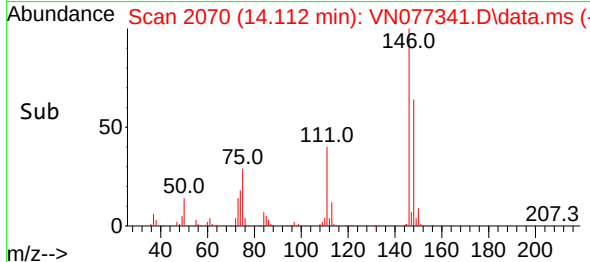
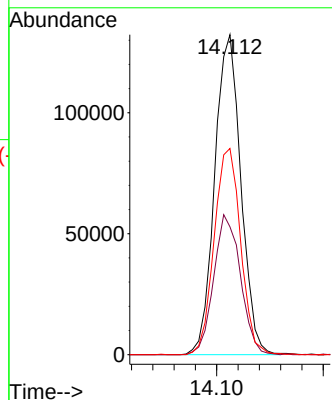
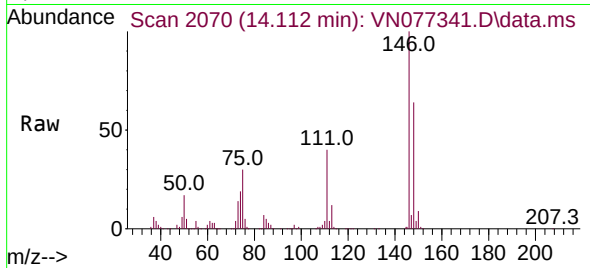
Tgt Ion:146 Resp: 22574
Ion Ratio Lower Upper
146 100
111 44.7 22.1 66.5
148 65.2 31.9 95.7

Manual Integrations
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Reviewed By :John
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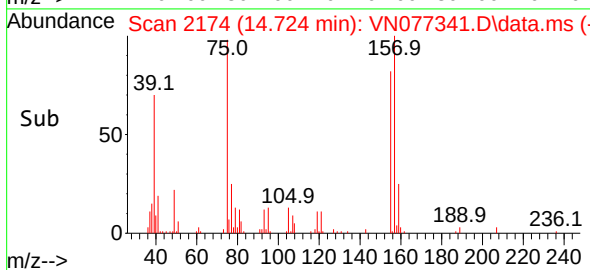
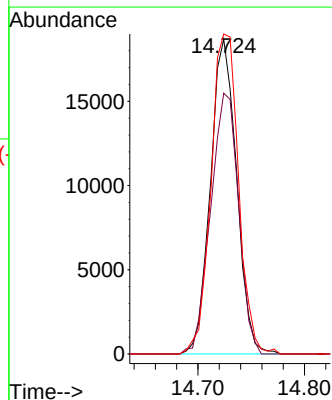
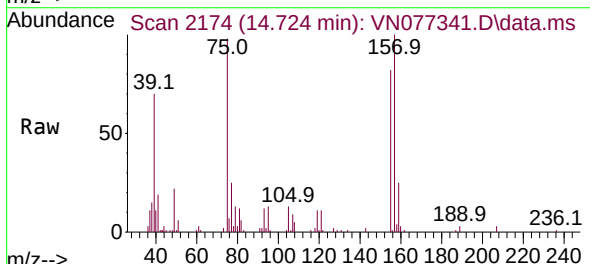
04/17/2023
Supervised By :Mahesh
Dadoda

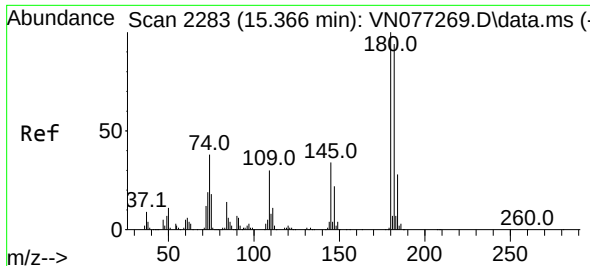
04/17/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 16.669 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.006 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

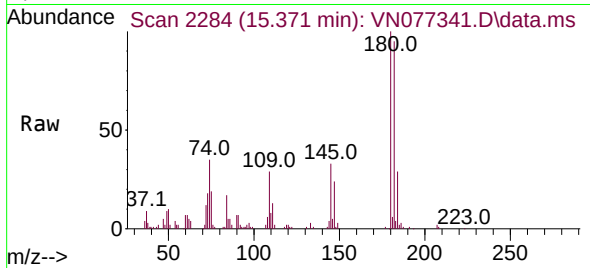
Tgt Ion: 75 Resp: 31831
Ion Ratio Lower Upper
75 100
155 88.3 67.8 101.6
157 106.5 86.3 129.5





#89
1,2,4-Trichlorobenzene
Concen: 13.482 ug/l
RT: 15.371 min Scan# 211
Delta R.T. 0.005 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



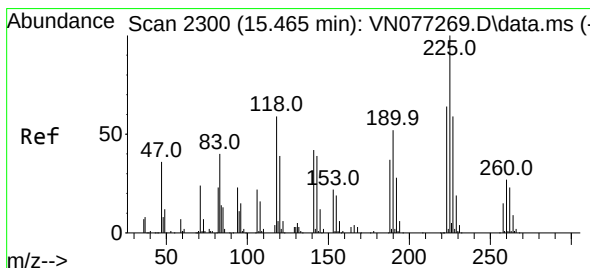
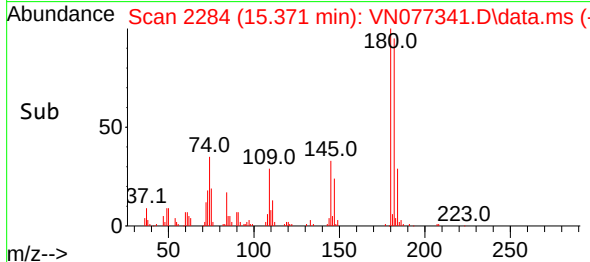
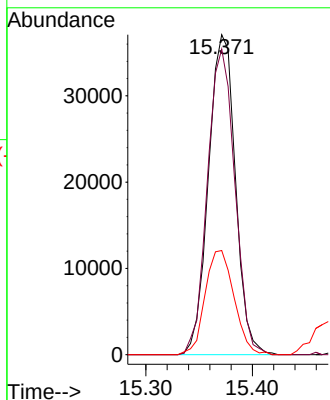
Tgt Ion:180 Resp: 65130
Ion Ratio Lower Upper
180 100
182 97.1 75.6 113.4
145 35.0 26.7 40.1

Manual Integrations
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Reviewed By :John
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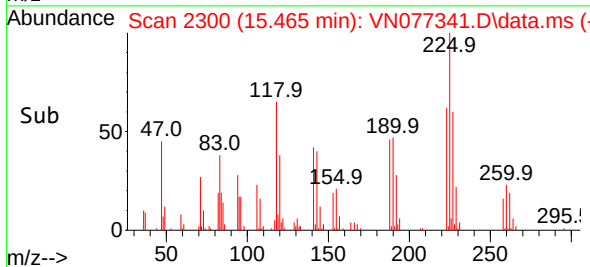
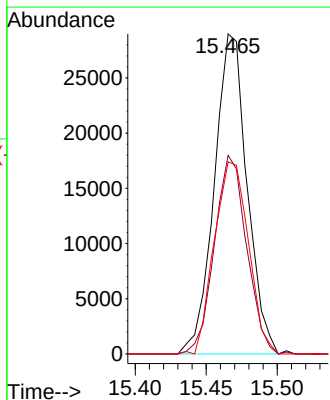
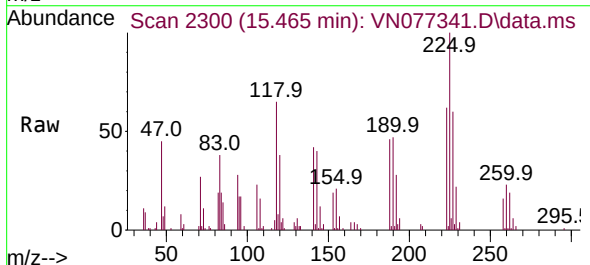
04/17/2023
Supervised By :Mahesh
Dadoda

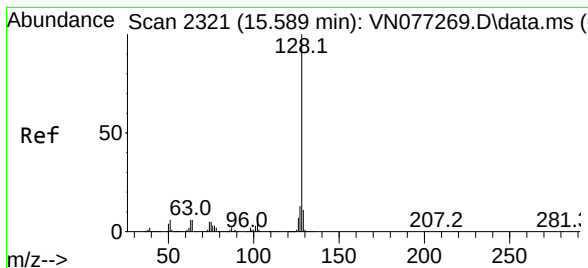
04/17/2023



#90
Hexachlorobutadiene
Concen: 18.804 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

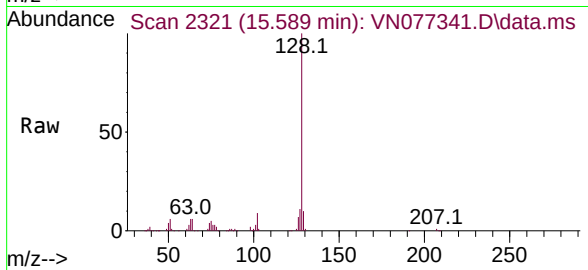
Tgt Ion:225 Resp: 46593
Ion Ratio Lower Upper
225 100
223 60.6 0.0 126.0
227 62.3 0.0 127.2





#91
Naphthalene
Concen: 13.460 ug/l
RT: 15.589 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



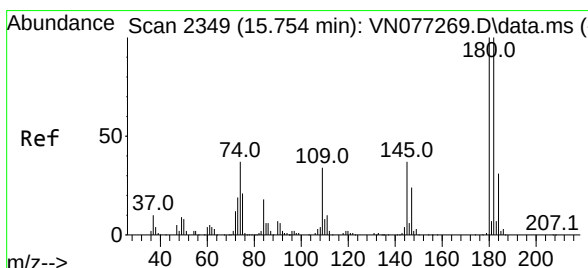
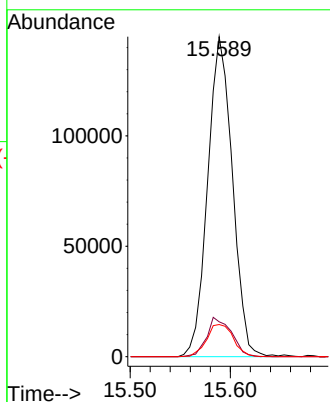
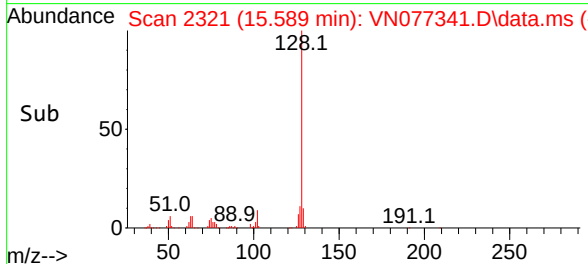
Tgt Ion:128 Resp: 248440
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.2
129 10.9 8.9 13.3

Manual Integrations
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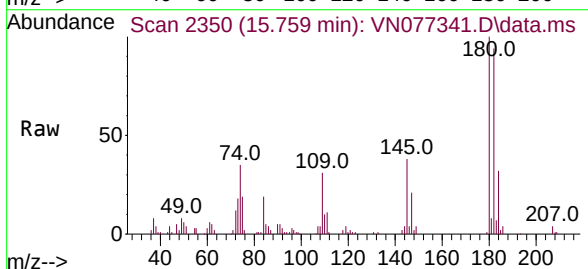
Reviewed By :John
Carlone

04/17/2023
Supervised By :Mahesh
Dadoda

04/17/2023



#92
1,2,3-Trichlorobenzene
Concen: 13.649 ug/l
RT: 15.759 min Scan# 2350
Delta R.T. 0.005 min
Lab File: VN077341.D
Acq: 14 Apr 2023 09:29



Tgt Ion:180 Resp: 64342
Ion Ratio Lower Upper
180 100
182 93.6 0.0 190.4
145 35.6 0.0 72.4

