

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041423\
 Data File : VN077348.D
 Acq On : 14 Apr 2023 16:22
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Apr 17 05:10:08 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

04/17/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Bromochloromethane	7.825	128	51592	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	394453	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.872	117	436310	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.589	65	132606	30.306	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.033%
60) 4-Bromofluorobenzene	12.854	95	223059	29.566	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.567%
63) Toluene-d8	10.572	98	452806	29.521	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	93092	18.980	ug/l	97
3) Chloromethane	2.372	50	114162	17.520	ug/l	97
4) Vinyl Chloride	2.519	62	165122	17.692	ug/l	99
5) Bromomethane	2.960	94	113160	16.090	ug/l	98
6) Chloroethane	3.131	64	110561	17.673	ug/l	98
7) Trichlorofluoromethane	3.501	101	254043	29.233	ug/l	96
8) Diethyl Ether	3.966	74	64762	17.484	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.378	101	101373	18.654	ug/l	98
10) 1,1-Dichloroethene	4.348	96	96746	17.796	ug/l	93
11) Methyl Iodide	4.596	142	114336	18.616	ug/l	98
12) Methyl Acetate	5.037	43	151430	18.696	ug/l	99
13) Acrolein	4.190	56	69386	69.016	ug/l	95
14) Acrylonitrile	5.737	53	252530	91.213	ug/l	100
15) Acetone	4.443	58	69514	69.210	ug/l	91
16) Carbon Disulfide	4.725	76	239468	16.689	ug/l #	92
17) Allyl chloride	5.031	41	107109	15.305	ug/l	100
18) Methylene Chloride	5.290	84	114290	18.104	ug/l	95
19) trans-1,2-Dichloroethene	5.795	96	109195	18.473	ug/l	84
20) Diisopropyl ether	6.684	45	283221	16.980	ug/l	99
21) 1,1-Dichloroethane	6.578	63	188502	17.830	ug/l #	95
22) cis-1,2-Dichloroethene	7.501	96	132347	18.366	ug/l	96
23) tert-Butyl Alcohol	5.543	59	113976	92.585	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	355099	18.144	ug/l	99
25) Chloroform	7.972	83	211700	18.477	ug/l	98
26) Cyclohexane	8.260	56	153948	16.758	ug/l #	96
29) 1,1-Dichloropropene	8.378	75	149567	17.504	ug/l	97
30) 2-Butanone	7.489	43	327521	81.053	ug/l	97
31) 2,2-Dichloropropane	7.495	77	158927	15.151	ug/l	100
32) 1,1,1-Trichloroethane	8.172	97	190493	18.115	ug/l	99
33) Carbon Tetrachloride	8.366	117	163014	18.163	ug/l	94
34) Benzene	8.613	78	472475	17.870	ug/l	98
35) Methacrylonitrile	7.789	41	66327	17.425	ug/l	93
36) 1,2-Dichloroethane	8.678	62	152868	18.442	ug/l	99
37) Trichloroethene	9.354	130	119289	18.446	ug/l	93
38) Methylcyclohexane	9.601	83	198954	17.167	ug/l	98
39) 1,2-Dichloropropane	9.625	63	117595	17.917	ug/l	97
40) Dibromomethane	9.713	93	88884	18.795	ug/l	99
41) Bromodichloromethane	9.895	83	171430	18.180	ug/l	95
42) Vinyl Acetate	6.613	43	1118034m	95.601	ug/l	

04/17/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.572	43	126107	16.868	ug/l	98
44) Isopropyl Acetate	8.695	43	234353	17.508	ug/l #	100
45) 1,4-Dioxane	9.701	88	55300	391.729	ug/l	96
46) Methyl methacrylate	9.689	41	99687	17.298	ug/l	92
47) n-amyl Acetate	12.501	43	203048	17.358	ug/l	98
48) t-1,3-Dichloropropene	10.836	75	183679	17.405	ug/l	97
49) cis-1,3-Dichloropropene	10.319	75	185855	16.554	ug/l	98
50) 1,1,2-Trichloroethane	11.019	97	125999	18.343	ug/l	99
51) Ethyl methacrylate	10.877	69	190133	18.024	ug/l	95
52) 1,3-Dichloropropane	11.172	76	210850	18.392	ug/l	98
53) Dibromochloromethane	11.366	129	133808	18.483	ug/l	99
54) 1,2-Dibromoethane	11.472	107	127771	18.529	ug/l	99
55) 2-Chloroethyl vinyl ether	10.166	63	437483	134.328	ug/l	98
56) Bromoform	12.583	173	89514	18.406	ug/l	100
58) 4-Methyl-2-Pentanone	10.448	43	743031	90.955	ug/l	100
59) 2-Hexanone	11.201	43	538325	85.252	ug/l	99
61) Tetrachloroethene	11.107	164	97482	18.784	ug/l	97
62) Toluene	10.636	91	544949	17.901	ug/l	99
64) Chlorobenzene	11.895	112	335984	18.166	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.966	131	124020	18.235	ug/l	98
66) Ethyl Benzene	11.972	91	606028	17.969	ug/l	98
67) m/p-Xylenes	12.077	106	474850	35.920	ug/l	98
68) o-Xylene	12.401	106	233970	17.691	ug/l	98
69) Styrene	12.413	104	374765	17.687	ug/l	99
70) Isopropylbenzene	12.701	105	611450	18.218	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	184603	17.960	ug/l	97
72) 1,2,3-Trichloropropane	13.001	75	165018m	23.619	ug/l	
73) Bromobenzene	12.989	156	125243	18.367	ug/l	96
74) n-propylbenzene	13.042	91	677667	18.249	ug/l	99
75) 2-Chlorotoluene	13.130	91	399794	17.971	ug/l	100
76) 1,3,5-Trimethylbenzene	13.177	105	487345	17.840	ug/l	97
77) t-1,4-Dichloro-2-butene	12.736	75	56899	15.989	ug/l	98
78) 4-Chlorotoluene	13.230	91	377722	17.969	ug/l	99
79) tert-butylbenzene	13.448	119	445593	18.742	ug/l	97
80) 1,2,4-Trimethylbenzene	13.489	105	480008	18.026	ug/l	99
81) sec-Butylbenzene	13.624	105	622511	18.334	ug/l	99
82) p-Isopropyltoluene	13.736	119	503996	18.527	ug/l	99
83) 1,3-Dichlorobenzene	13.742	146	232742	18.001	ug/l	99
84) 1,4-Dichlorobenzene	13.818	146	224336	17.884	ug/l	99
85) n-Butylbenzene	14.060	91	405557	18.042	ug/l	99
86) Hexachloroethane	14.336	117	102033	17.633	ug/l	100
87) 1,2-Dichlorobenzene	14.113	146	234469	18.508	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.730	75	35096	17.819	ug/l	98
89) 1,2,4-Trichlorobenzene	15.371	180	80314	16.117	ug/l	99
90) Hexachlorobutadiene	15.471	225	47745	18.682	ug/l	96
91) Naphthalene	15.595	128	307341	16.144	ug/l	100
92) 1,2,3-Trichlorobenzene	15.759	180	78313	16.106	ug/l	99

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

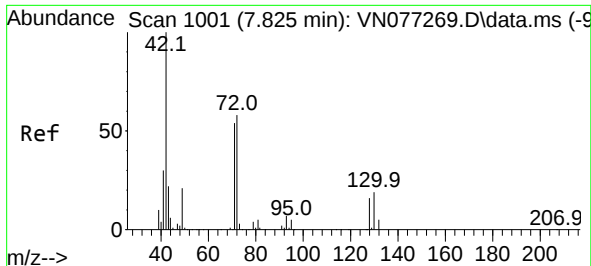
Manual Integrations

04/17/2023
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Dadoda

04/17/2023

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Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

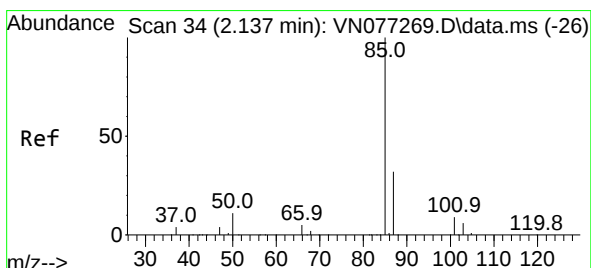
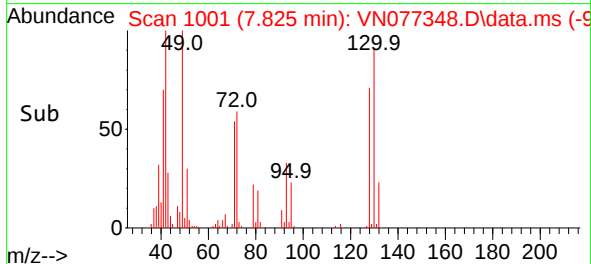
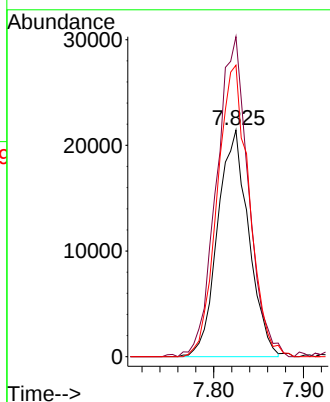
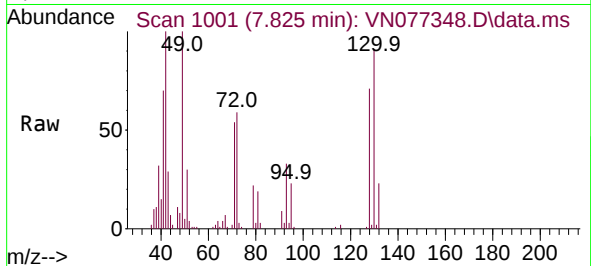
Tgt Ion:128 Resp: 51592
Ion Ratio Lower Upper
128 100
49 145.1 0.0 379.5
130 132.0 0.0 322.8

Manual Integrations
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Carlone

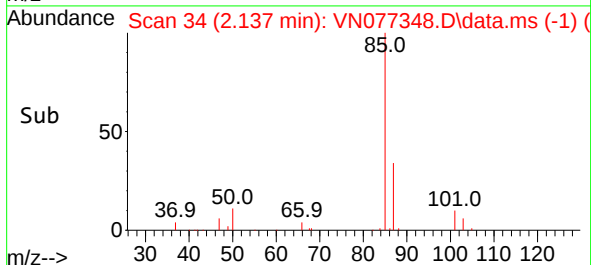
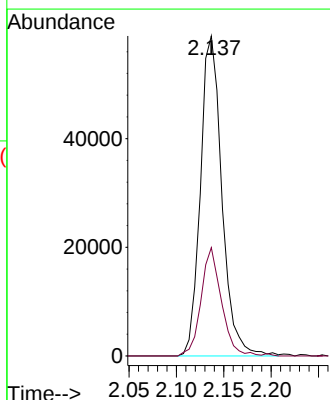
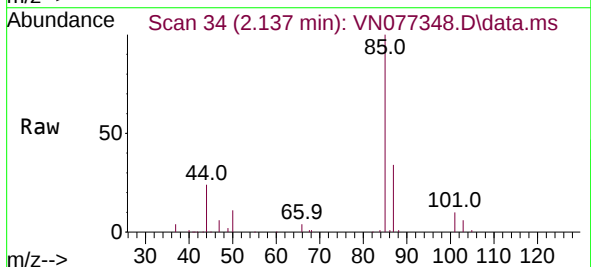
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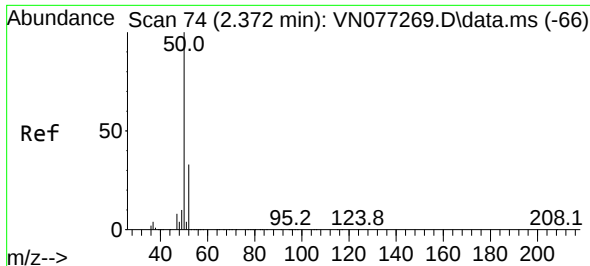
04/17/2023



#2
Dichlorodifluoromethane
Concen: 18.980 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

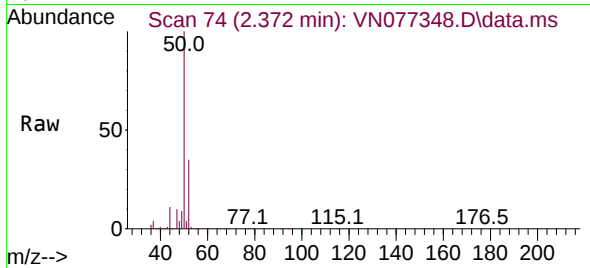
Tgt Ion: 85 Resp: 93092
Ion Ratio Lower Upper
85 100
87 33.8 16.2 48.6





#3
Chloromethane
Concen: 17.520 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
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ClientSampleId :
VSTDCCC020EC



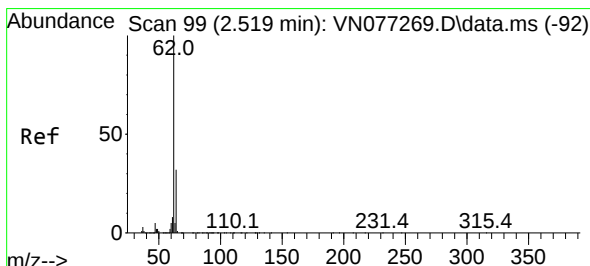
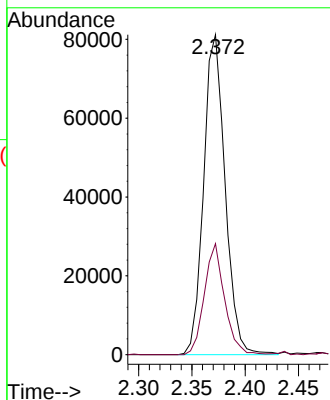
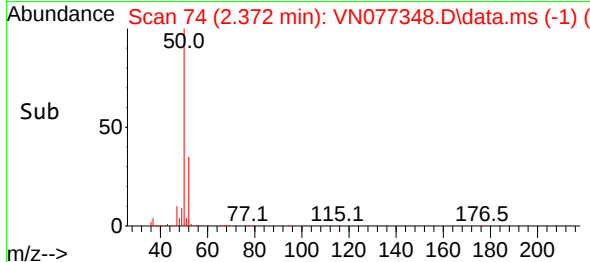
Tgt Ion: 50 Resp: 114162
Ion Ratio Lower Upper
50 100
52 34.7 26.4 39.6

Manual Integrations
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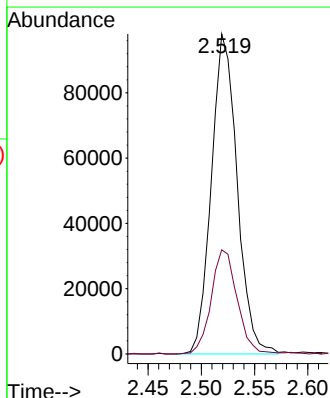
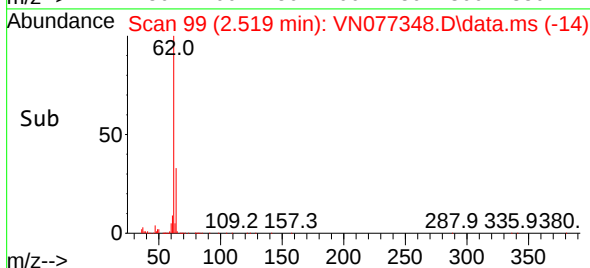
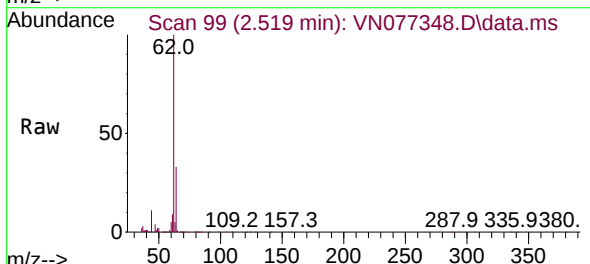
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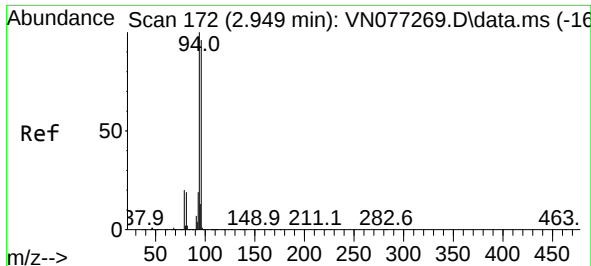
04/17/2023



#4
Vinyl Chloride
Concen: 17.692 ug/l
RT: 2.519 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

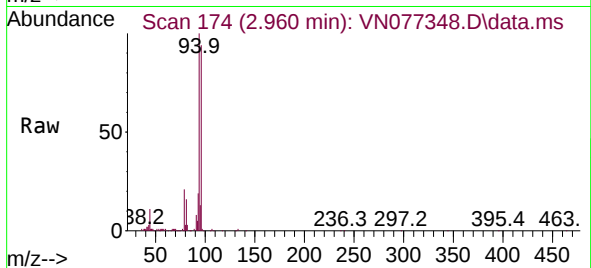
Tgt Ion: 62 Resp: 165122
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0





#5
Bromomethane
Concen: 16.090 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
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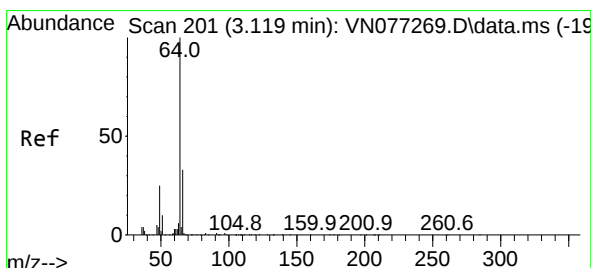
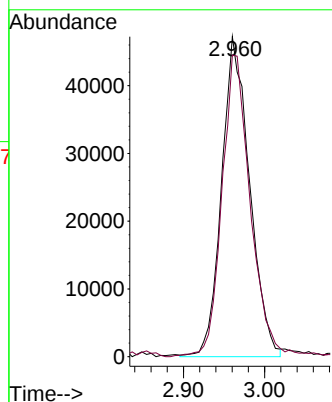
Tgt Ion: 94 Resp: 113160
Ion Ratio Lower Upper
94 100
96 94.3 77.0 115.6

Manual Integrations
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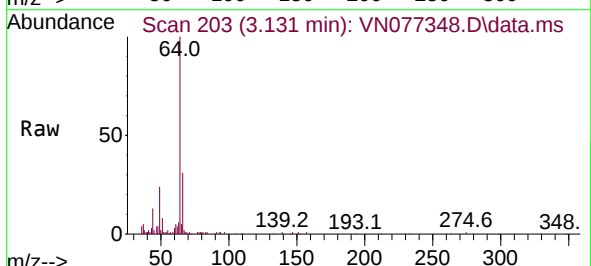
Reviewed By :John
Carlone

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Dadoda

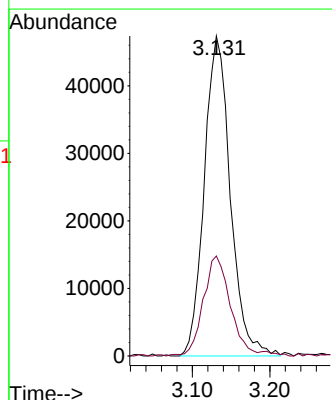
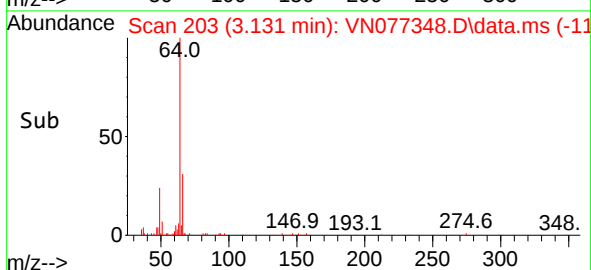
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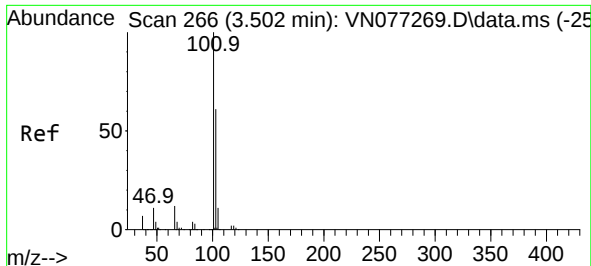


#6
Chloroethane
Concen: 17.673 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.012 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22



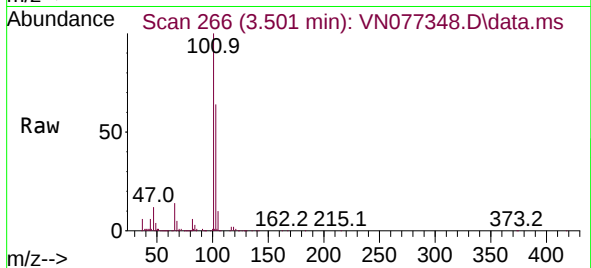
Tgt Ion: 64 Resp: 110561
Ion Ratio Lower Upper
64 100
66 30.8 25.7 38.5





#7
Trichlorofluoromethane
Concen: 29.233 ug/l
RT: 3.501 min Scan# 266
Delta R.T. -0.001 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
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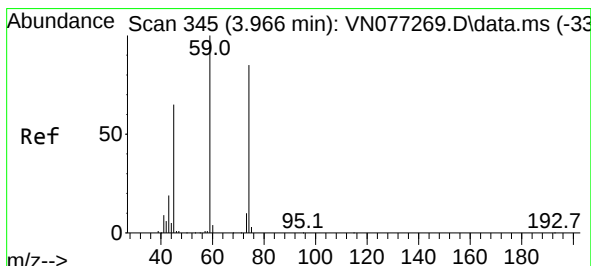
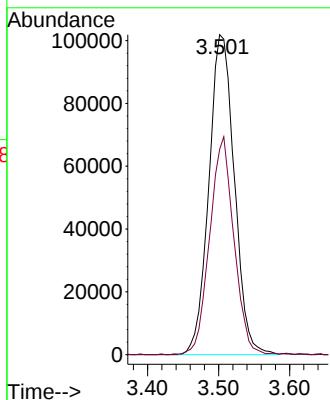
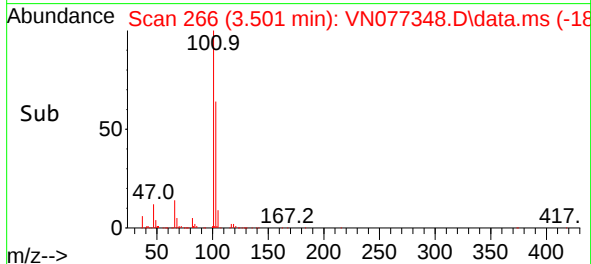
Tgt Ion:101 Resp: 25404
Ion Ratio Lower Upper
101 100
103 63.9 48.9 73.3

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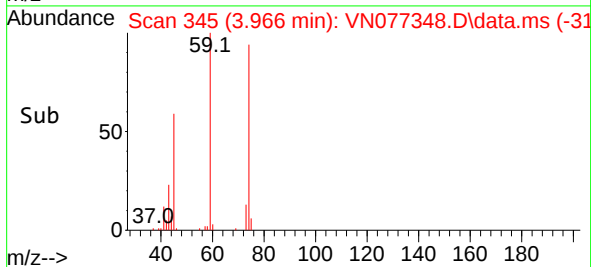
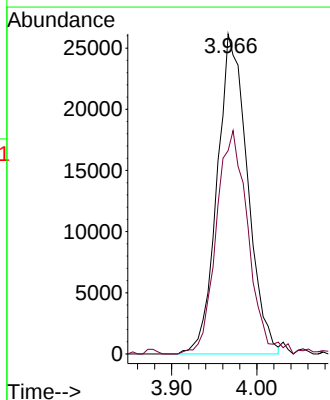
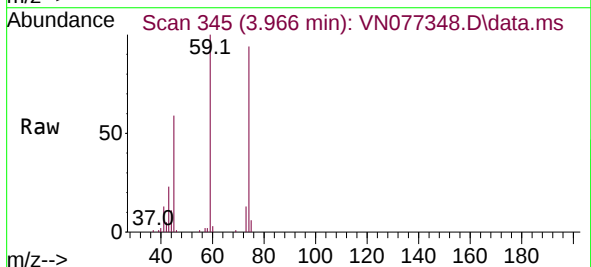
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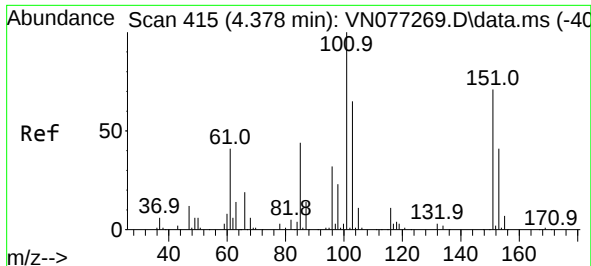
04/17/2023



#8
Diethyl Ether
Concen: 17.484 ug/l
RT: 3.966 min Scan# 345
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

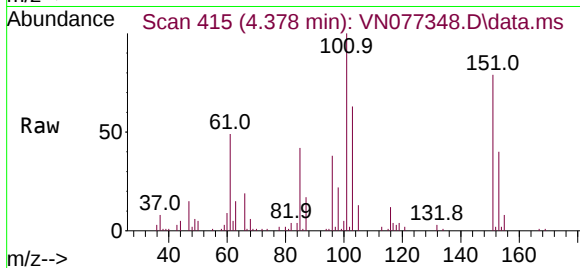
Tgt Ion: 74 Resp: 64762
Ion Ratio Lower Upper
74 100
45 71.7 14.8 133.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.654 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077348.D
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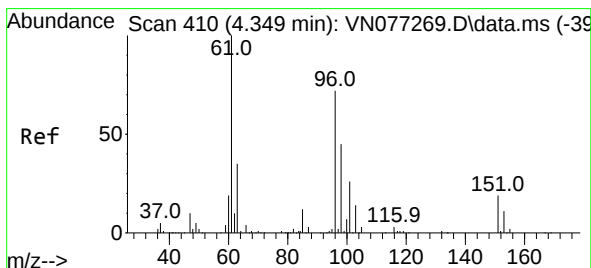
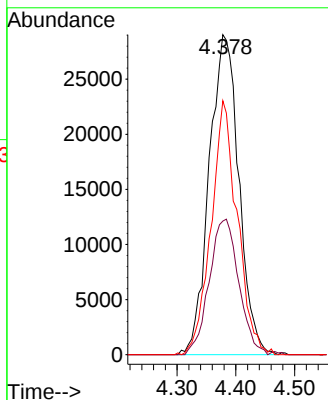
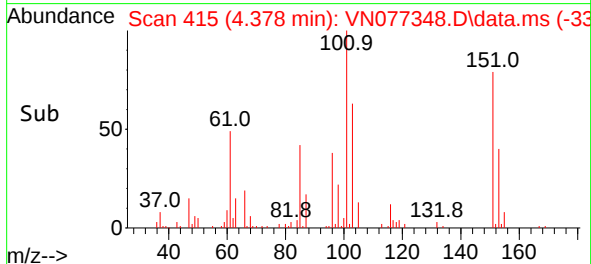
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Ion Ratio Lower Upper
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151 70.2 0.0 141.6

Manual Integrations
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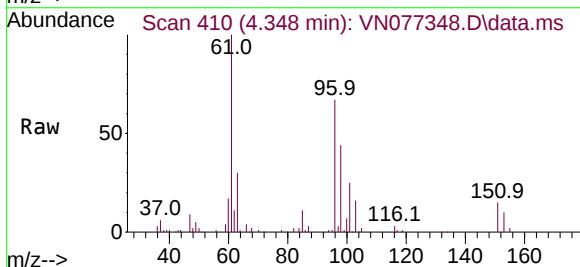
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Supervised By : Mahesh
Dadoda

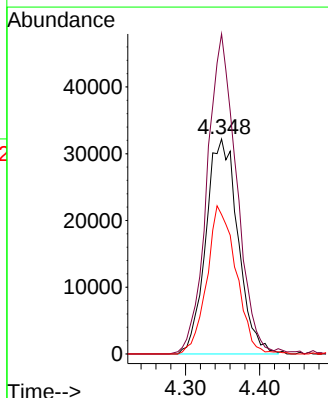
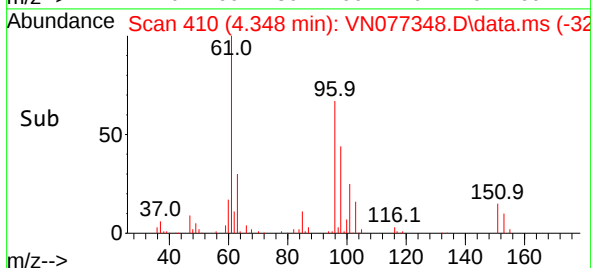
04/17/2023

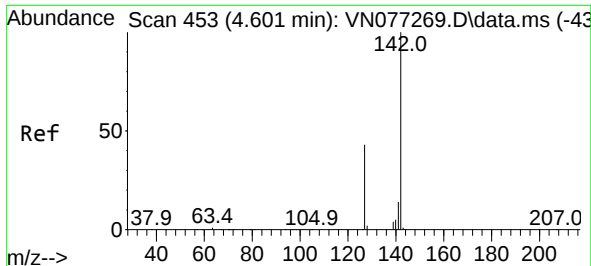


#10
1,1-Dichloroethene
Concen: 17.796 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.001 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22



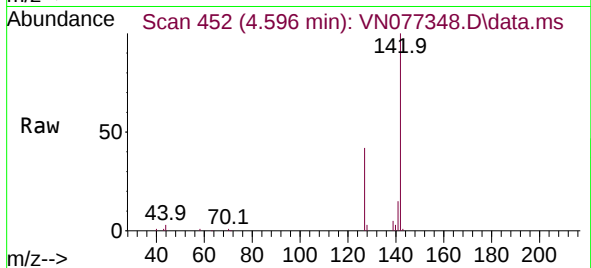
Tgt Ion: 96 Resp: 96746
Ion Ratio Lower Upper
96 100
61 147.9 110.7 166.1
98 64.8 49.6 74.4





#11
Methyl Iodide
Concen: 18.616 ug/l
RT: 4.596 min Scan# 411
Delta R.T. -0.005 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



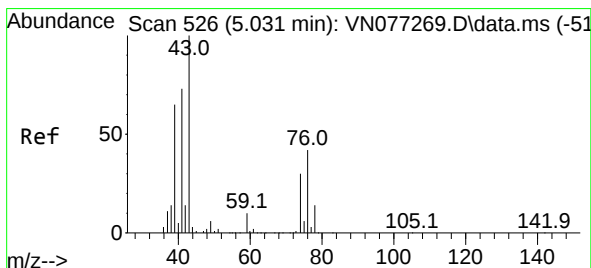
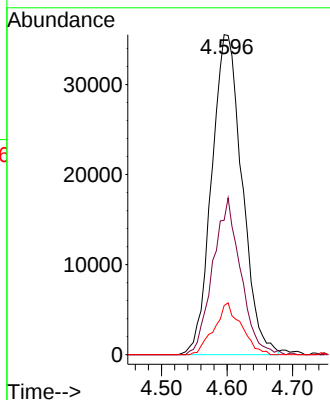
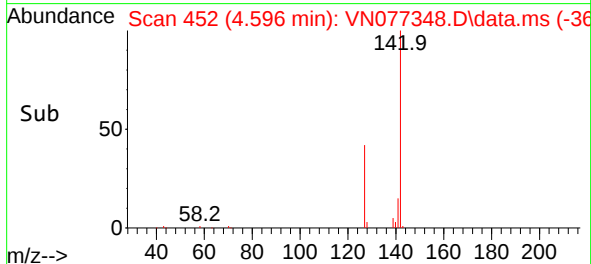
Tgt Ion:142 Resp: 114330
Ion Ratio Lower Upper
142 100
127 41.5 21.3 63.7
141 15.4 7.0 20.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

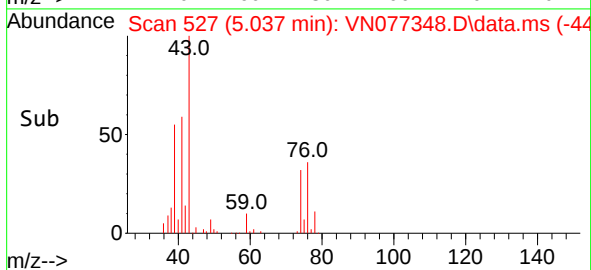
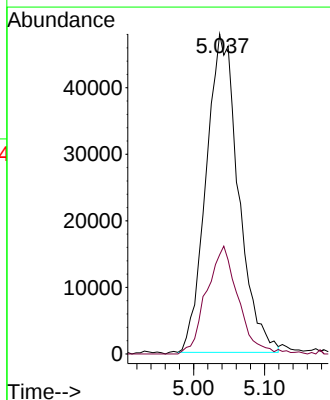
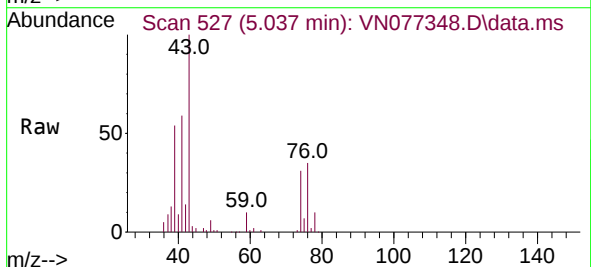
04/17/2023
Supervised By :Mahesh
Dadoda

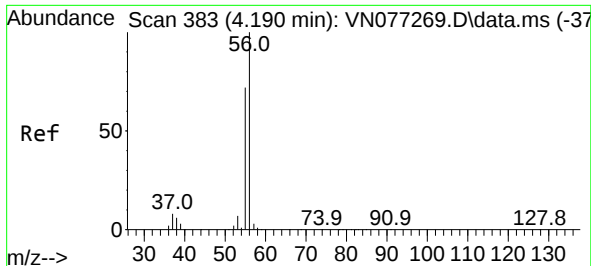
04/17/2023



#12
Methyl Acetate
Concen: 18.696 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

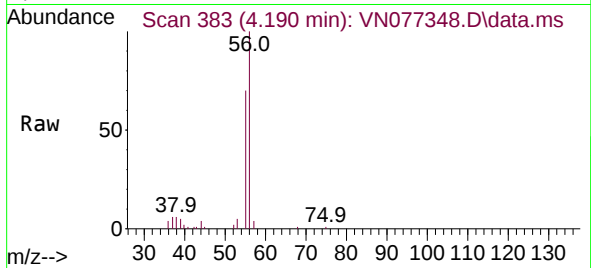
Tgt Ion: 43 Resp: 151430
Ion Ratio Lower Upper
43 100
74 30.9 24.2 36.2





#13
Acrolein
Concen: 69.016 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



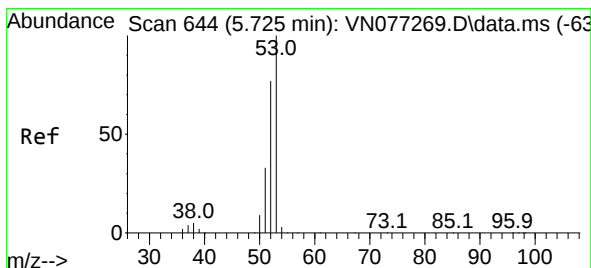
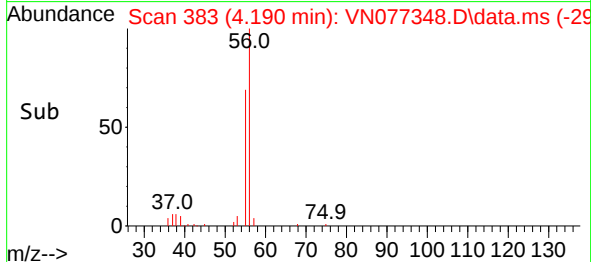
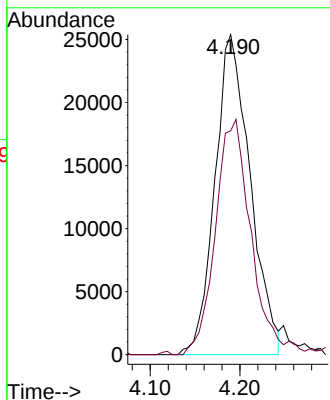
Tgt Ion: 56 Resp: 69380
Ion Ratio Lower Upper
56 100
55 72.7 55.2 82.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

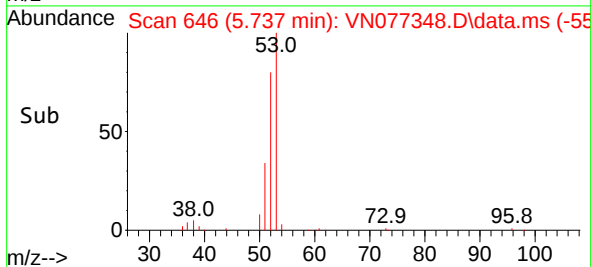
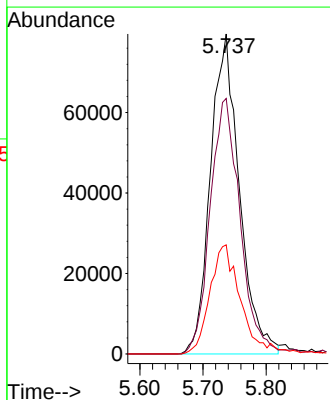
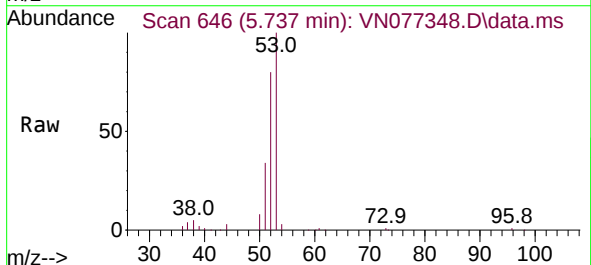
04/17/2023
Supervised By :Mahesh
Dadoda

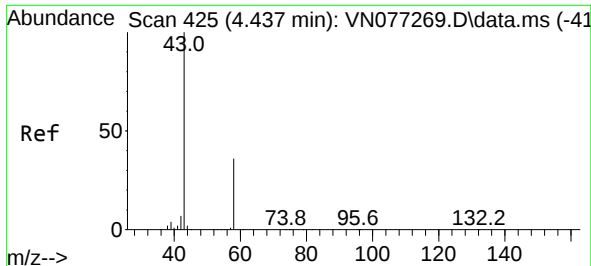
04/17/2023



#14
Acrylonitrile
Concen: 91.213 ug/l
RT: 5.737 min Scan# 646
Delta R.T. 0.012 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 53 Resp: 252530
Ion Ratio Lower Upper
53 100
52 82.3 41.0 123.0
51 35.0 17.7 53.1





#15

Acetone

Concen: 69.210 ug/l

RT: 4.443 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 69514

Ion Ratio Lower Upper

58 100

43 258.7 220.9 331.3

Manual Integrations

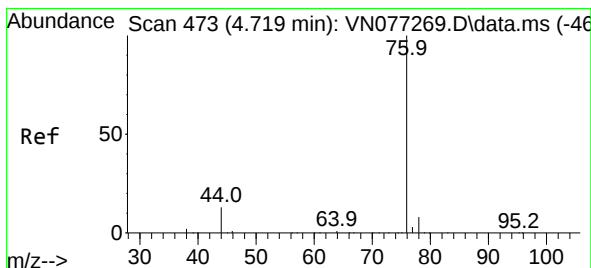
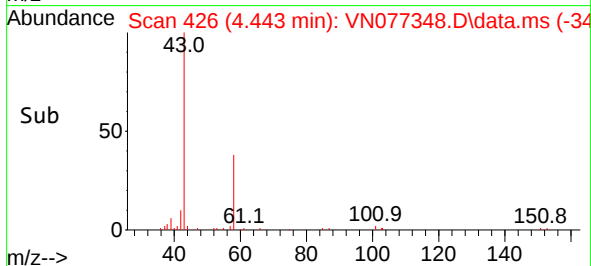
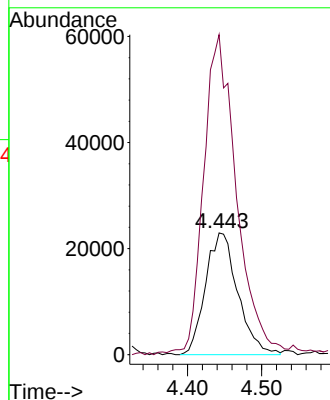
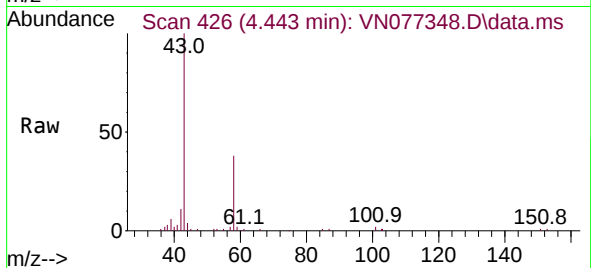
APPROVED

Reviewed By :John
Carlone

04/17/2023

Supervised By :Mahesh
Dadoda

04/17/2023



#16

Carbon Disulfide

Concen: 16.689 ug/l

RT: 4.725 min Scan# 474

Delta R.T. 0.006 min

Lab File: VN077348.D

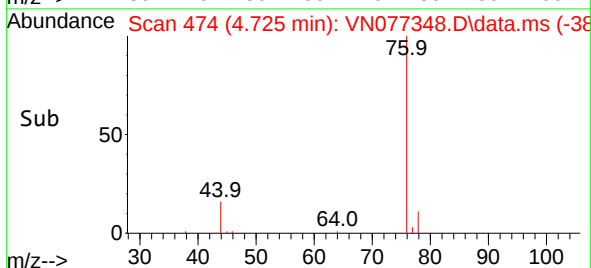
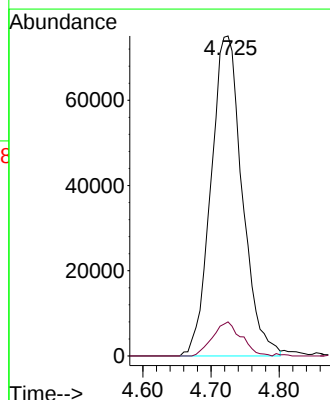
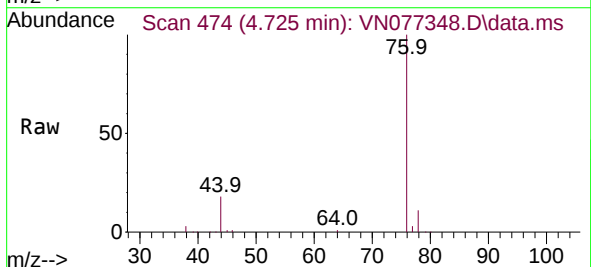
Acq: 14 Apr 2023 16:22

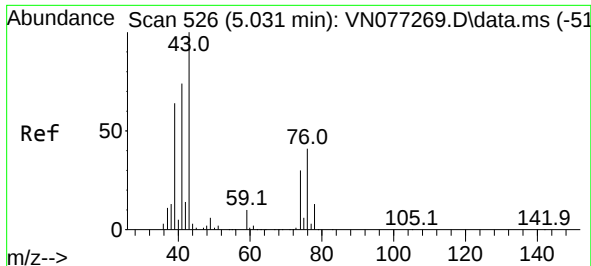
Tgt Ion: 76 Resp: 239468

Ion Ratio Lower Upper

76 100

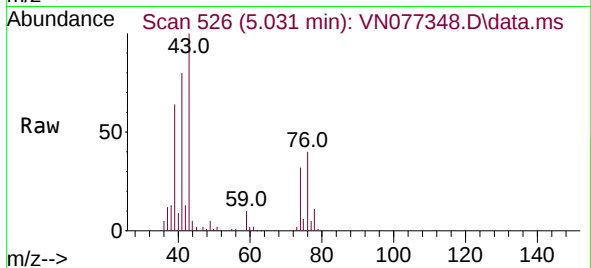
78 10.7 6.3 9.5#





#17
 Allyl chloride
 Concen: 15.305 ug/l
 RT: 5.031 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN077348.D
 Acq: 14 Apr 2023 16:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



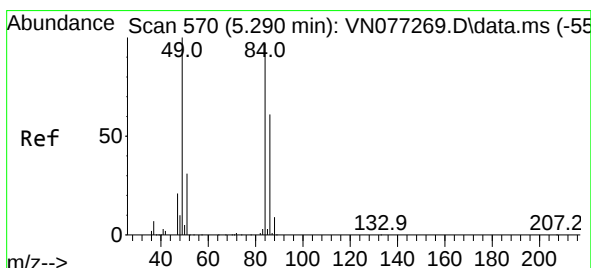
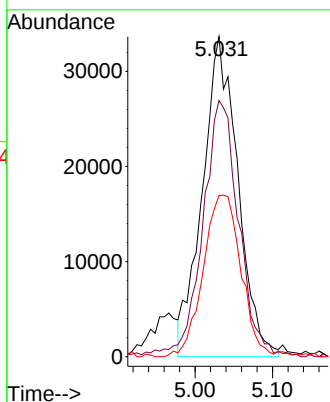
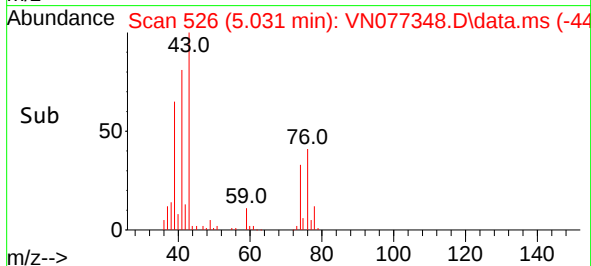
Tgt Ion: 41 Resp: 107109
 Ion Ratio Lower Upper
 41 100
 39 80.4 40.3 120.9
 76 50.3 25.3 75.8

Manual Integrations
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Reviewed By :John
 Carlone

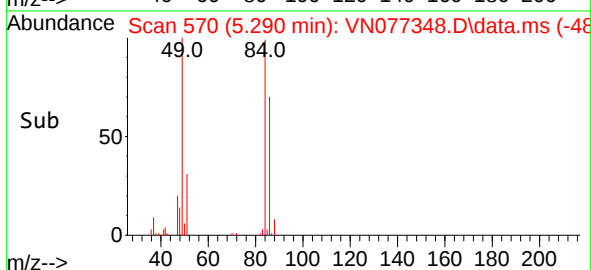
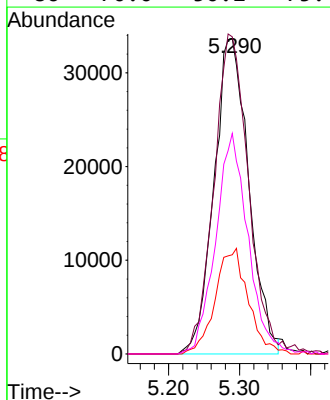
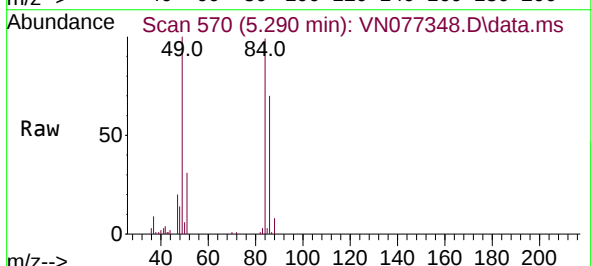
04/17/2023
 Supervised By :Mahesh
 Dadoda

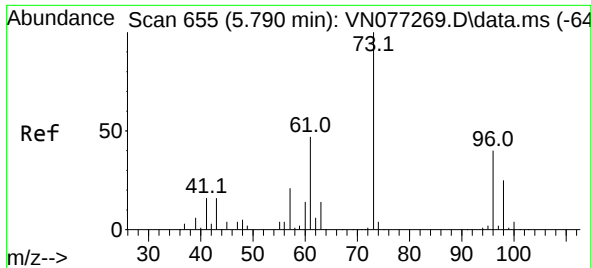
04/17/2023



#18
 Methylene Chloride
 Concen: 18.104 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. -0.000 min
 Lab File: VN077348.D
 Acq: 14 Apr 2023 16:22

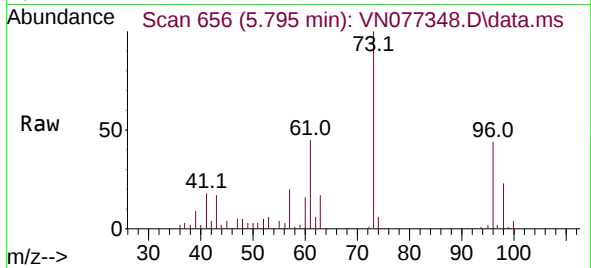
Tgt Ion: 84 Resp: 114290
 Ion Ratio Lower Upper
 84 100
 49 100.6 82.7 124.1
 51 31.5 25.6 38.4
 86 70.0 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 18.473 ug/l
RT: 5.795 min Scan# 610
Delta R.T. 0.005 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



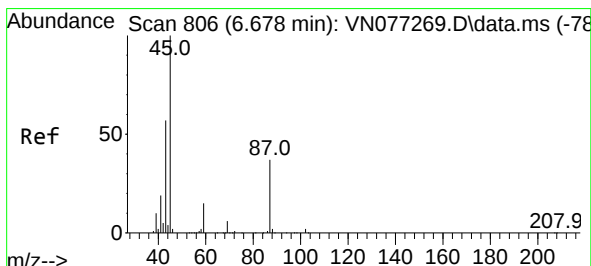
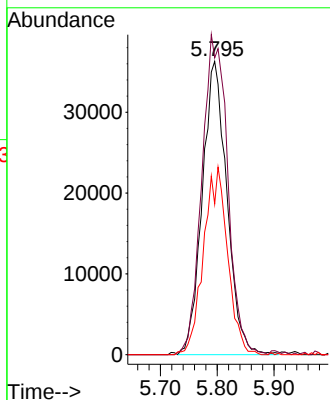
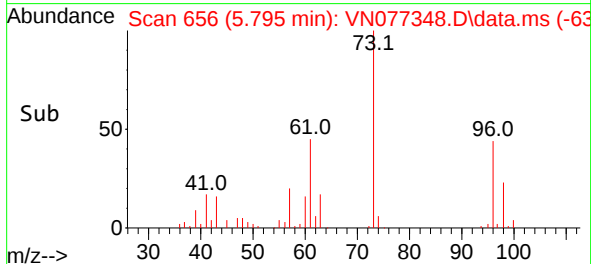
Tgt Ion: 96 Resp: 10919
Ion Ratio Lower Upper
96 100
61 100.4 94.5 141.7
98 50.9 49.8 74.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

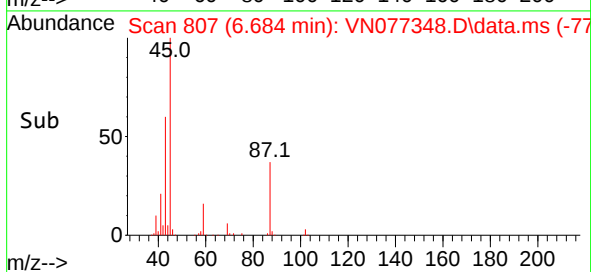
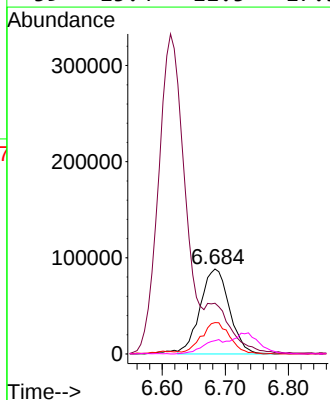
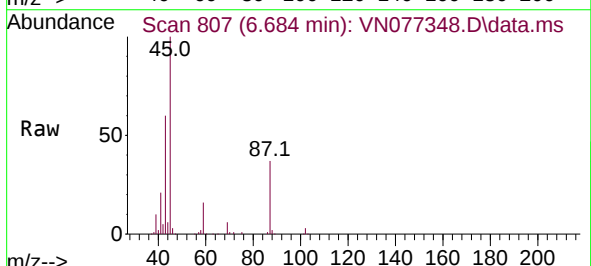
04/17/2023
Supervised By :Mahesh
Dadoda

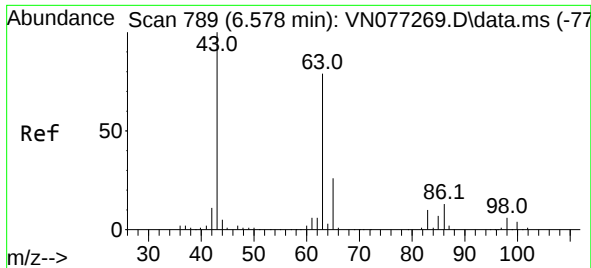
04/17/2023



#20
Diisopropyl ether
Concen: 16.980 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 45 Resp: 283221
Ion Ratio Lower Upper
45 100
43 57.1 45.9 68.9
87 36.7 30.1 45.1
59 15.4 11.5 17.3





#21
1,1-Dichloroethane
Concen: 17.830 ug/l
RT: 6.578 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

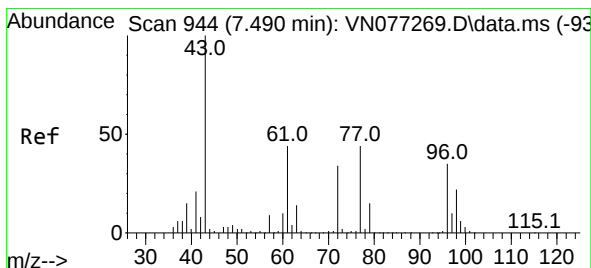
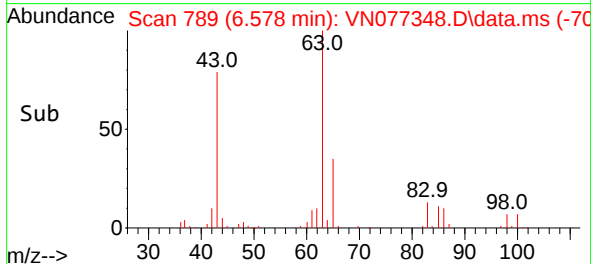
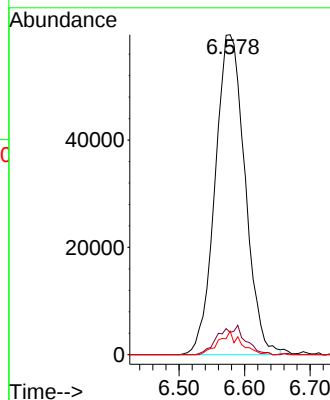
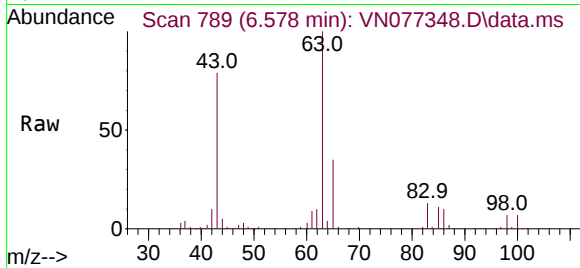
Tgt Ion: 63 Resp: 188502
Ion Ratio Lower Upper
63 100
98 7.0 3.9 11.7
100 7.4 2.3 6.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

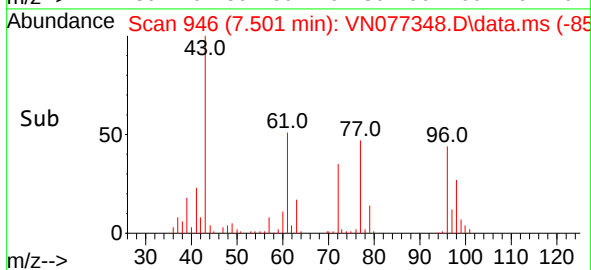
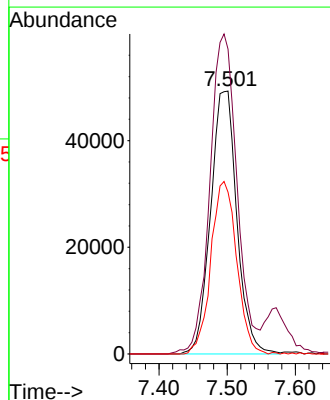
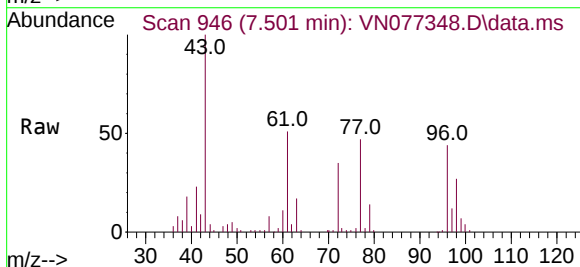
04/17/2023
Supervised By :Mahesh
Dadoda

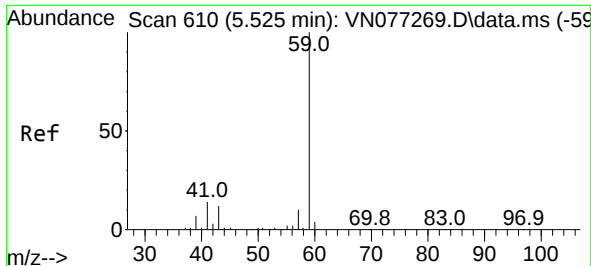
04/17/2023



#22
cis-1,2-Dichloroethene
Concen: 18.366 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.011 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

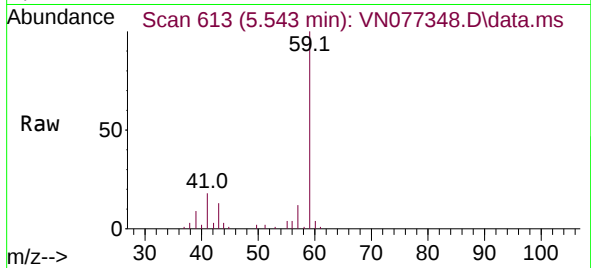
Tgt Ion: 96 Resp: 132347
Ion Ratio Lower Upper
96 100
61 126.0 105.5 158.3
98 64.3 51.8 77.6





#23
tert-Butyl Alcohol
Concen: 92.585 ug/l
RT: 5.543 min Scan# 610
Delta R.T. 0.018 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



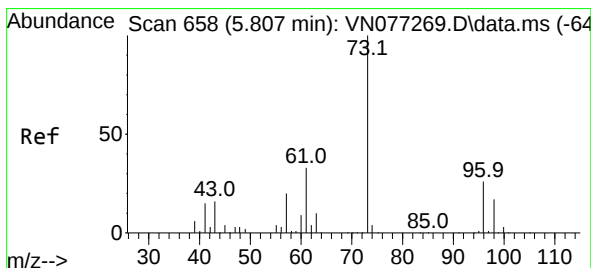
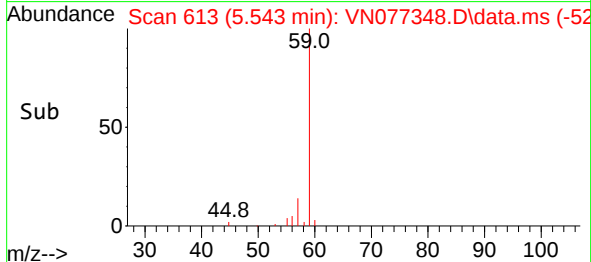
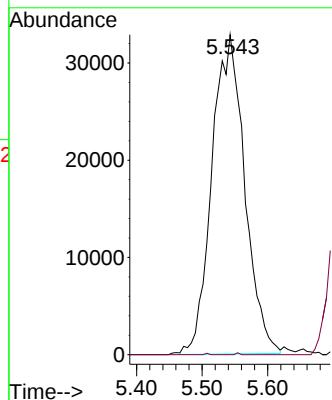
Tgt Ion: 59 Resp: 113970
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

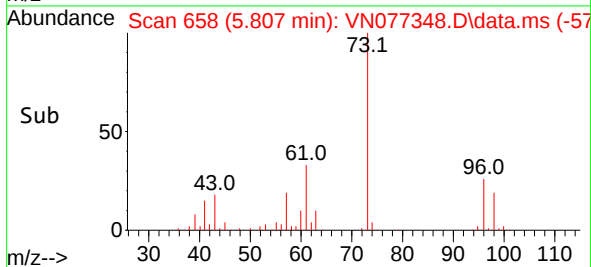
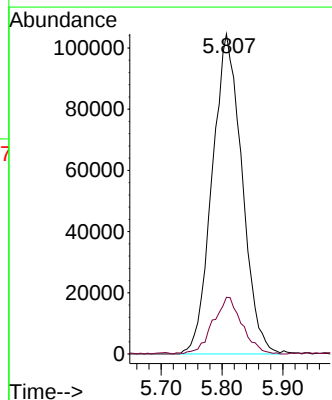
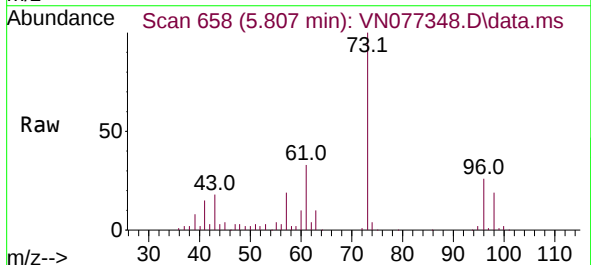
04/17/2023
Supervised By :Mahesh
Dadoda

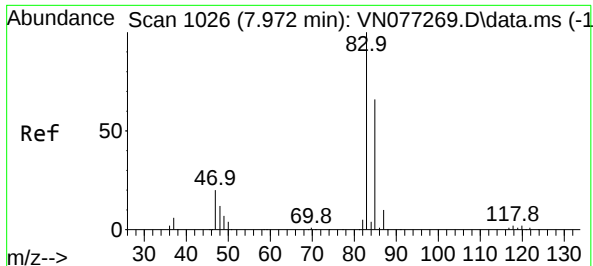
04/17/2023



#24
Methyl tert-Butyl Ether
Concen: 18.144 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 73 Resp: 355099
Ion Ratio Lower Upper
73 100
43 17.3 13.5 20.3





#25

Chloroform

Concen: 18.477 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 211700

Ion Ratio Lower Upper

83 100

85 64.7 52.9 79.3

Manual Integrations

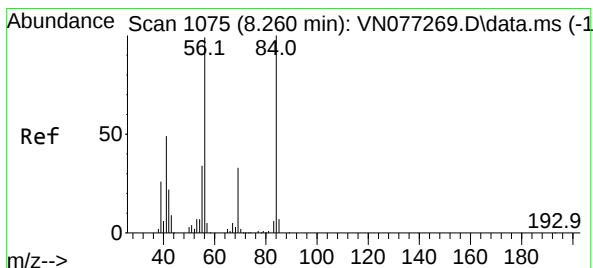
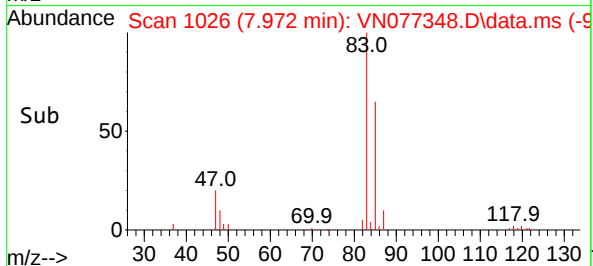
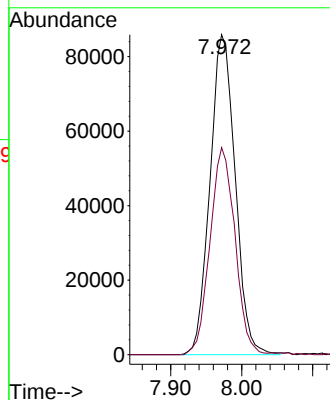
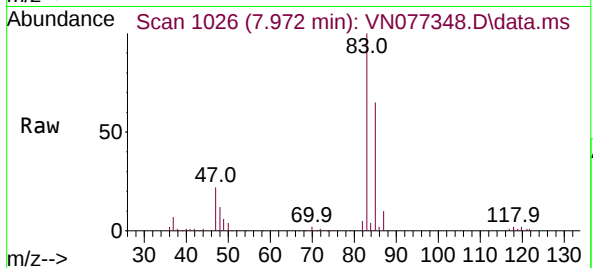
APPROVED

Reviewed By :John
Carlone

04/17/2023

Supervised By :Mahesh
Dadoda

04/17/2023



#26

Cyclohexane

Concen: 16.758 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

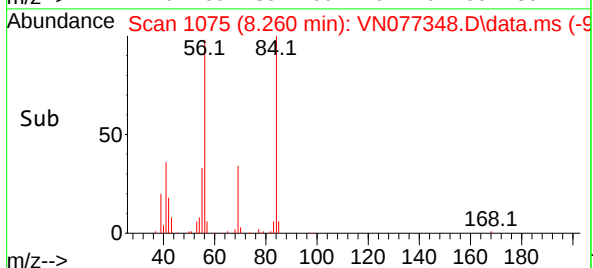
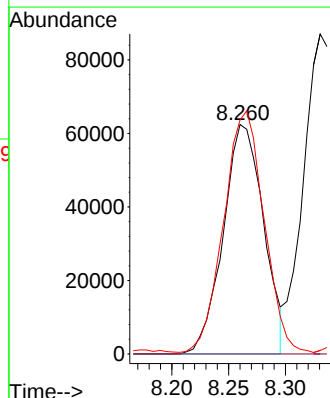
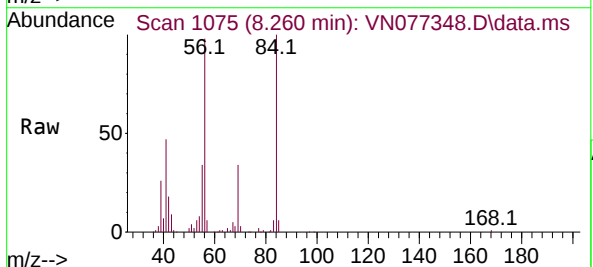
Tgt Ion: 56 Resp: 153948

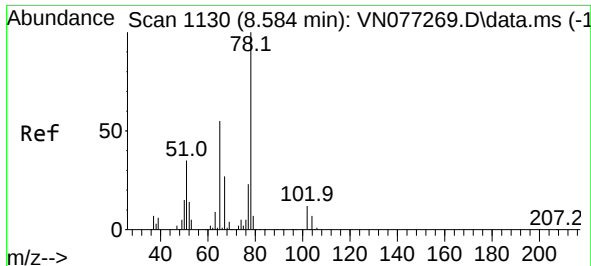
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 107.0 82.6 123.8





#27

1,2-Dichloroethane-d4

Concen: 30.306 ug/l

RT: 8.589 min Scan# 1131

Delta R.T. 0.005 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 132600

Ion Ratio Lower Upper

65 100

67 55.7 41.8 62.6

Manual Integrations

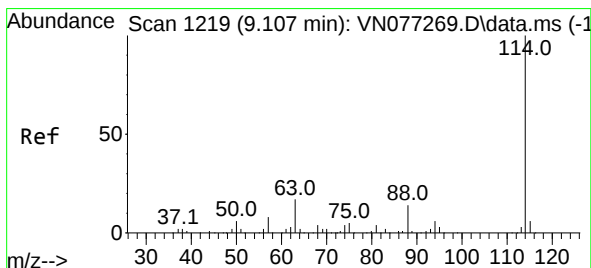
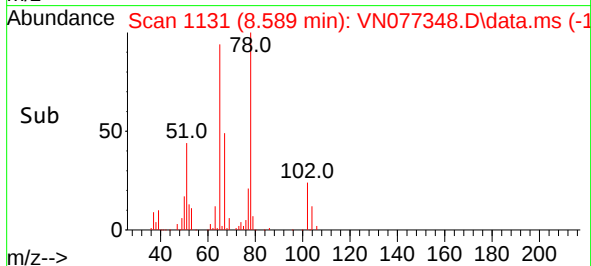
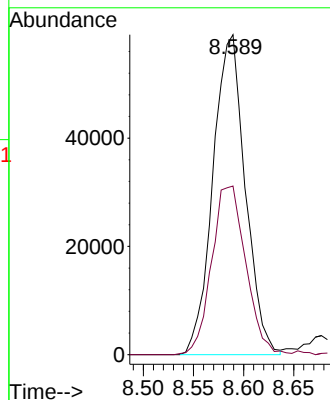
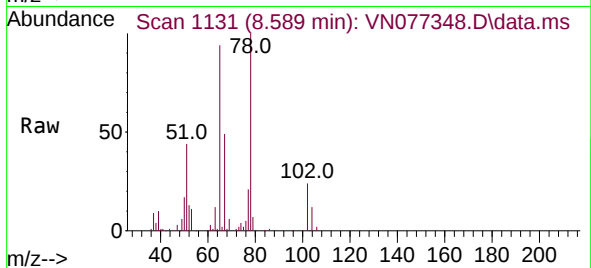
APPROVED

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: VN077348.D

Acq: 14 Apr 2023 16:22

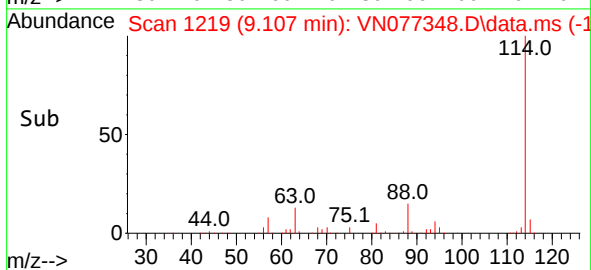
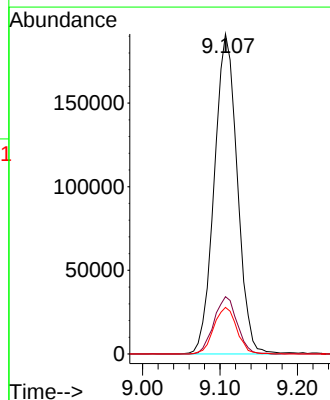
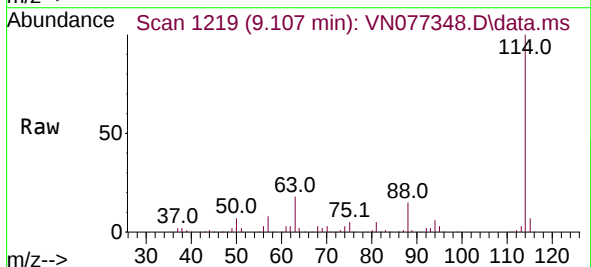
Tgt Ion:114 Resp: 394453

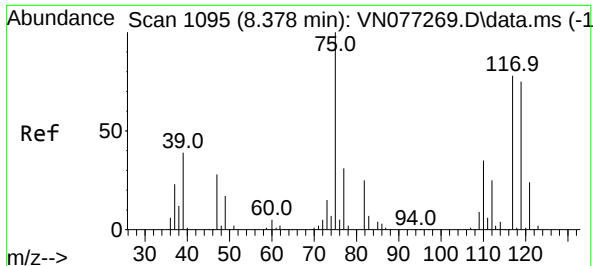
Ion Ratio Lower Upper

114 100

63 18.0 15.0 22.4

88 14.5 11.9 17.9





#29
1,1-Dichloropropene
Concen: 17.504 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 14956
Ion Ratio Lower Upper
75 100
110 38.7 0.0 72.4
77 30.2 0.0 61.4

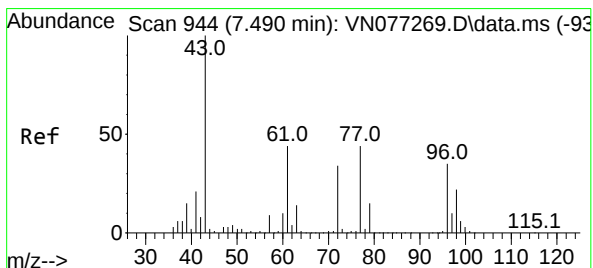
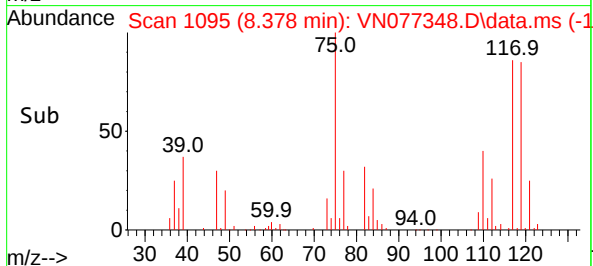
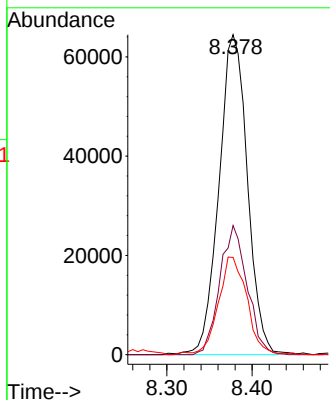
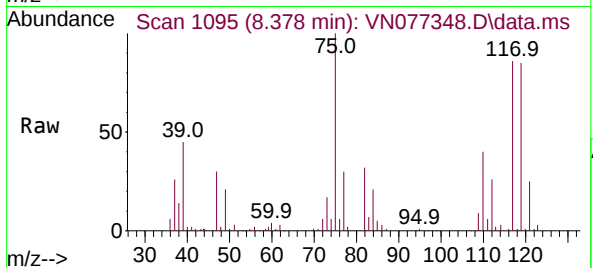
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/17/2023

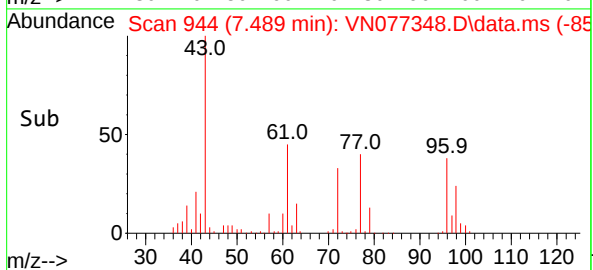
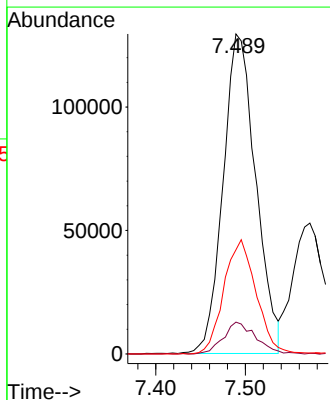
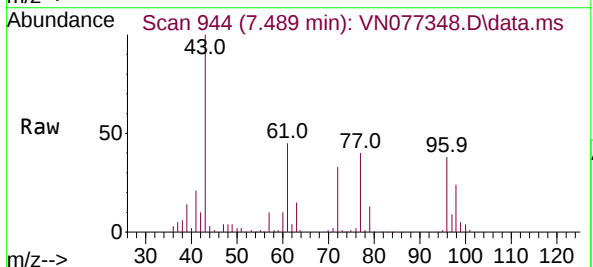
Supervised By :Mahesh
Dadoda

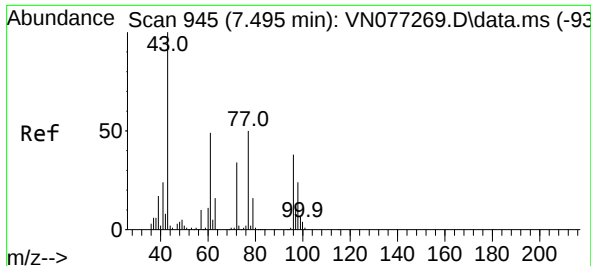
04/17/2023



#30
2-Butanone
Concen: 81.053 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.001 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 43 Resp: 327521
Ion Ratio Lower Upper
43 100
57 9.8 7.5 11.3
72 35.4 26.9 40.3





#31

2,2-Dichloropropane

Concen: 15.151 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.000 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 77 Resp: 15892

Ion Ratio Lower Upper

77 100

97 23.4 18.8 28.2

Manual Integrations

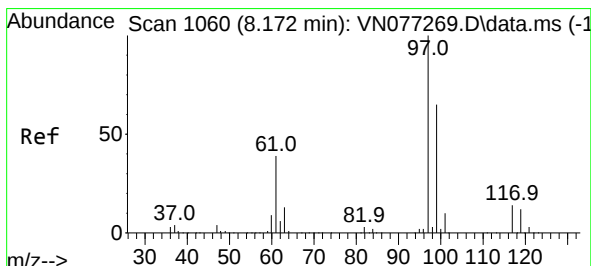
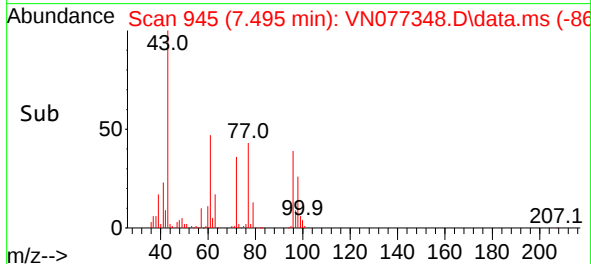
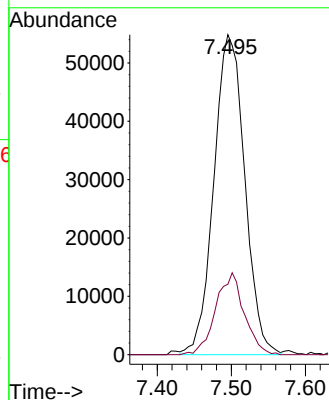
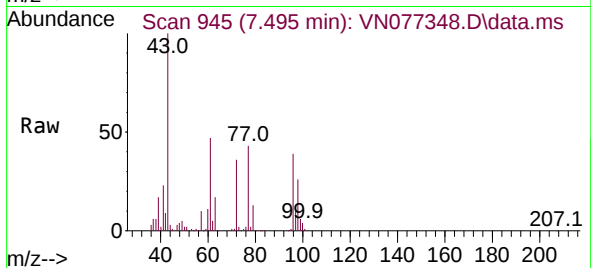
APPROVED

Reviewed By :John
Carlone

04/17/2023

Supervised By :Mahesh
Dadoda

04/17/2023



#32

1,1,1-Trichloroethane

Concen: 18.115 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

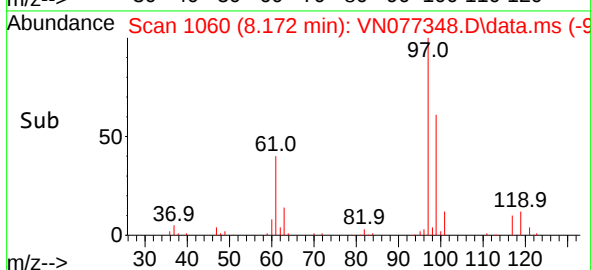
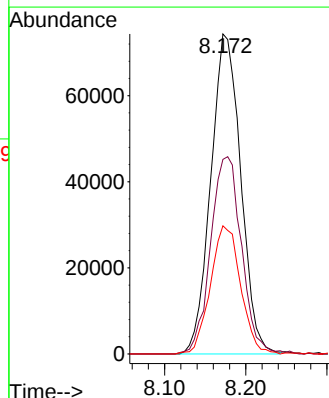
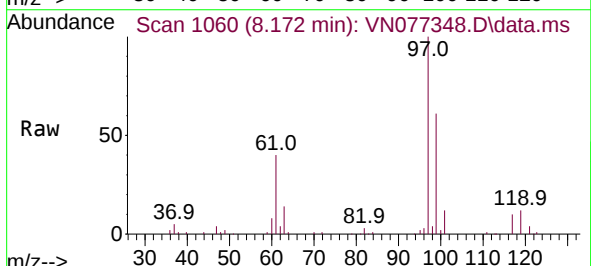
Tgt Ion: 97 Resp: 190493

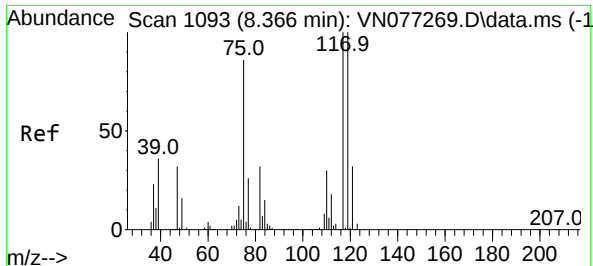
Ion Ratio Lower Upper

97 100

99 63.3 51.6 77.4

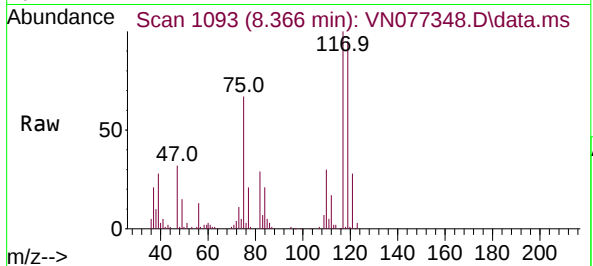
61 40.3 32.4 48.6





#33
Carbon Tetrachloride
Concen: 18.163 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



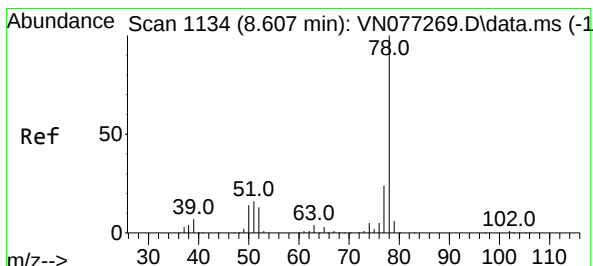
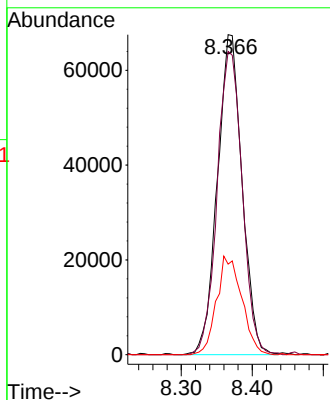
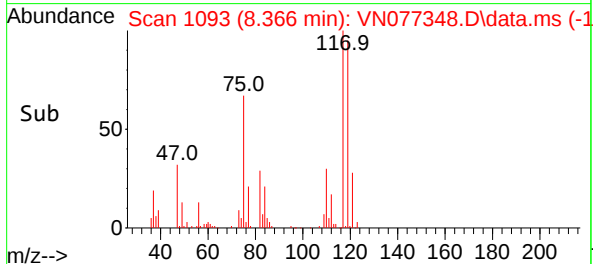
Tgt Ion: 117 Resp: 163014
Ion Ratio Lower Upper
117 100
119 94.8 80.2 120.4
121 28.3 26.0 39.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

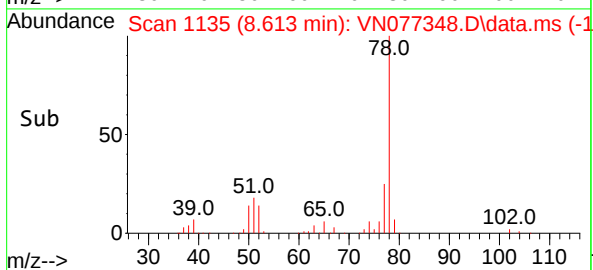
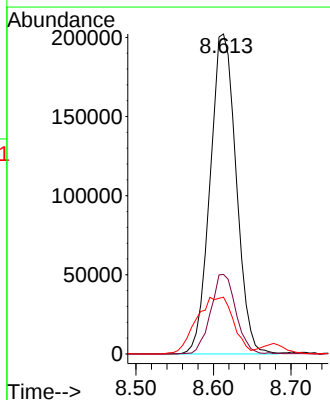
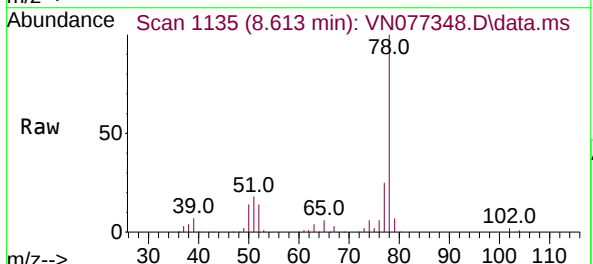
04/17/2023
Supervised By :Mahesh
Dadoda

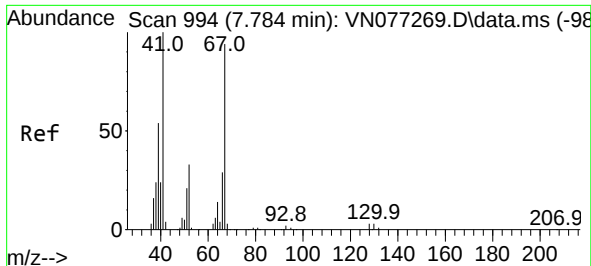
04/17/2023



#34
Benzene
Concen: 17.870 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

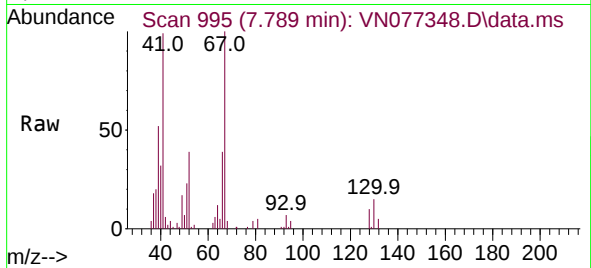
Tgt Ion: 78 Resp: 472475
Ion Ratio Lower Upper
78 100
77 24.8 19.4 29.0
51 16.7 12.6 19.0





#35
Methacrylonitrile
Concen: 17.425 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.005 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



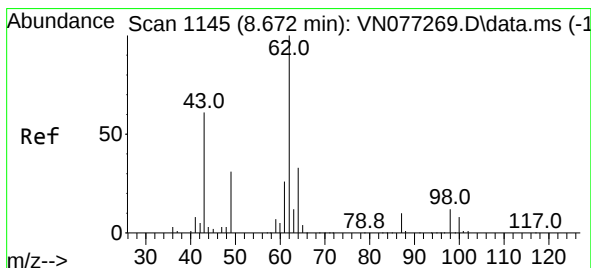
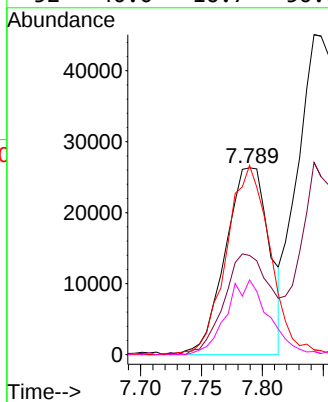
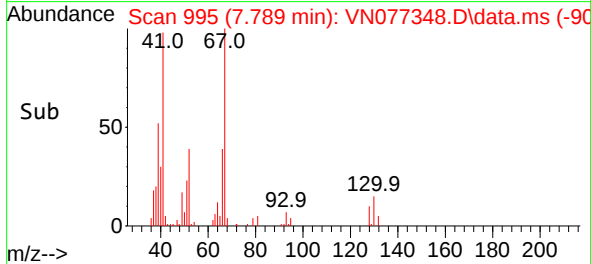
Tgt Ion	Ratio	Lower	Upper
41	100		
39	52.0	27.1	81.2
67	100.2	46.8	140.4
52	40.0	16.7	50.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

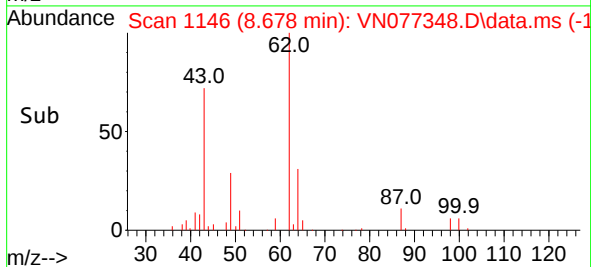
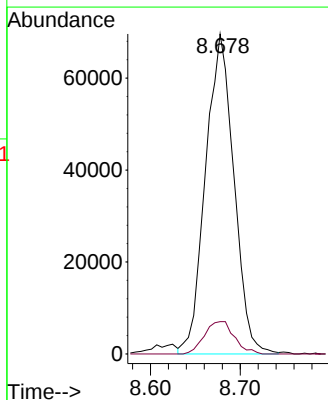
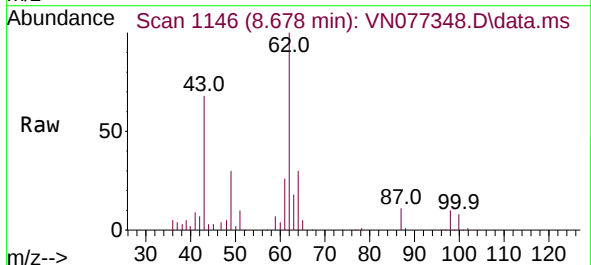
04/17/2023
Supervised By :Mahesh
Dadoda

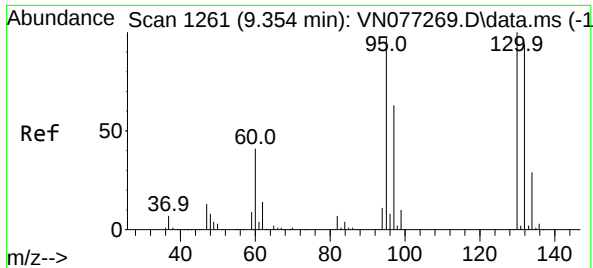
04/17/2023



#36
1,2-Dichloroethane
Concen: 18.442 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

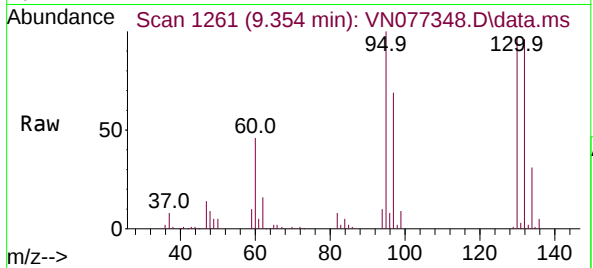
Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.7	8.3	12.5





#37
Trichloroethene
Concen: 18.446 ug/l
RT: 9.354 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



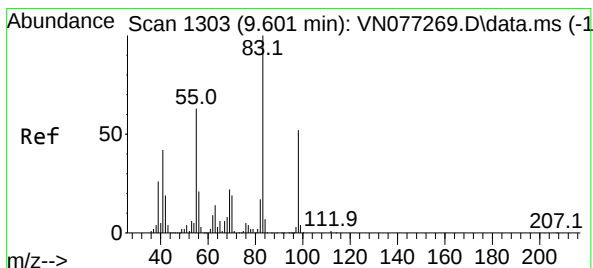
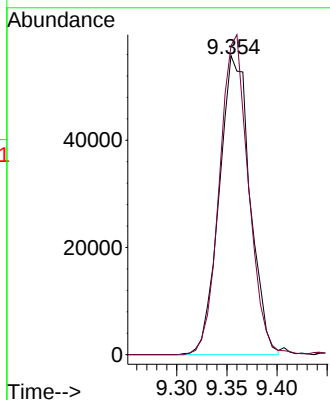
Tgt Ion:130 Resp: 119289
Ion Ratio Lower Upper
130 100
95 103.3 77.5 116.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

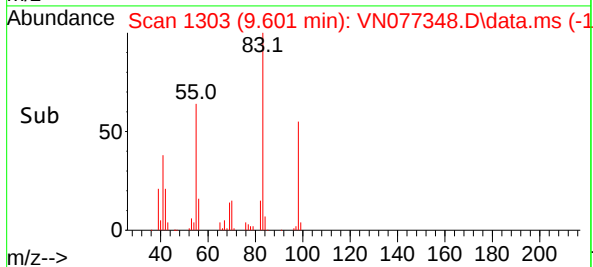
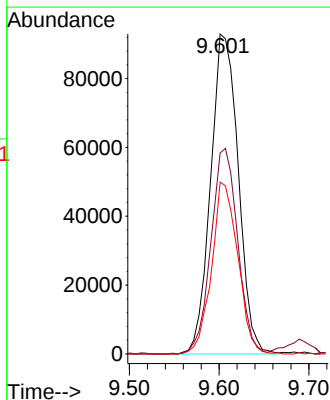
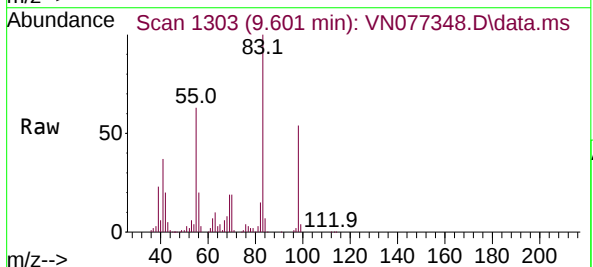
04/17/2023
Supervised By :Mahesh
Dadoda

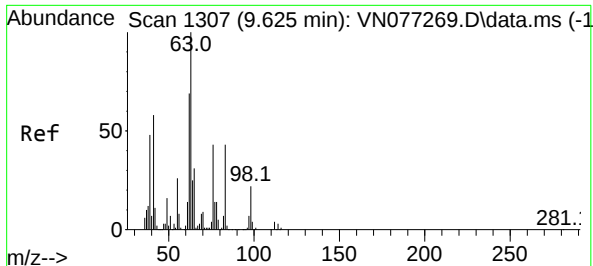
04/17/2023



#38
Methylcyclohexane
Concen: 17.167 ug/l
RT: 9.601 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

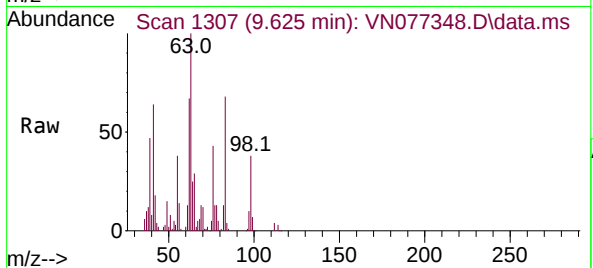
Tgt Ion: 83 Resp: 198954
Ion Ratio Lower Upper
83 100
55 62.1 32.0 96.2
98 50.8 25.3 75.9





#39
1,2-Dichloropropane
Concen: 17.917 ug/l
RT: 9.625 min Scan# 11759
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



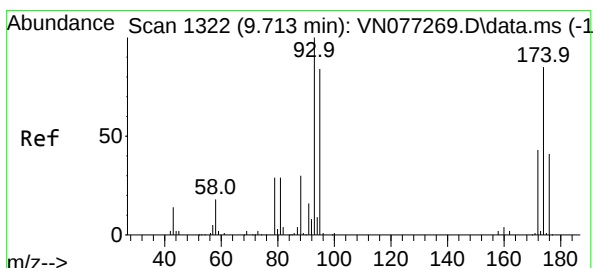
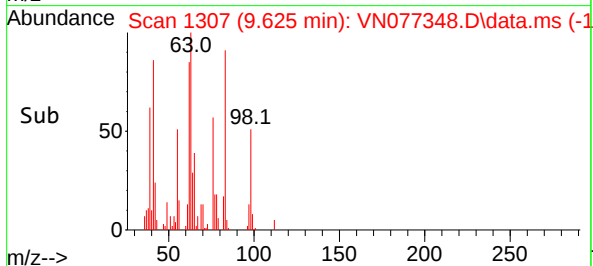
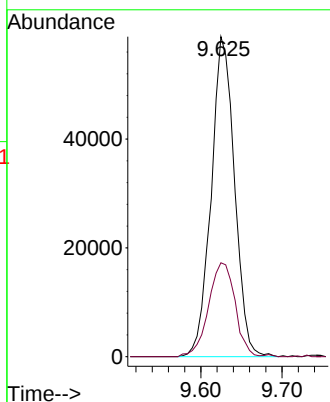
Tgt Ion: 63 Resp: 11759
Ion Ratio Lower Upper
63 100
65 29.3 24.8 37.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

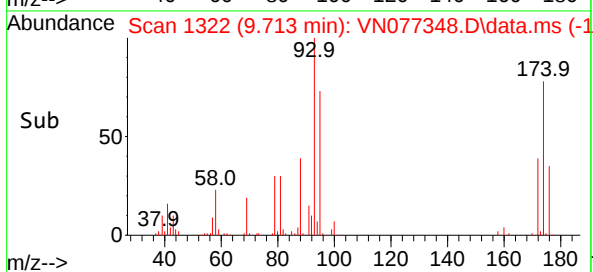
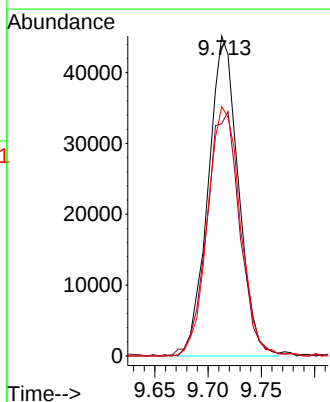
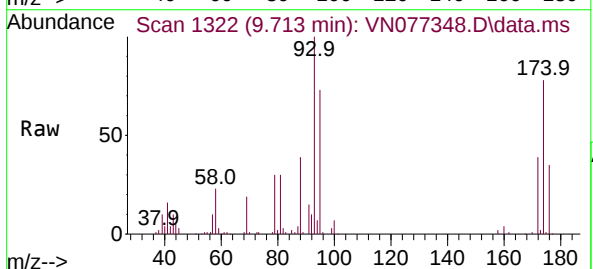
04/17/2023
Supervised By :Mahesh
Dadoda

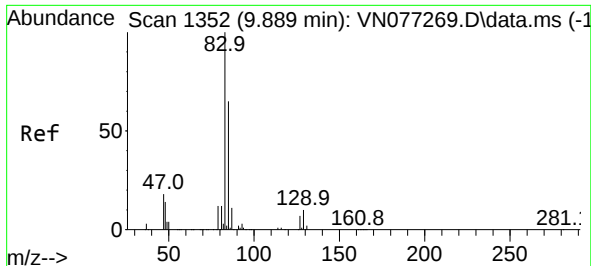
04/17/2023



#40
Dibromomethane
Concen: 18.795 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

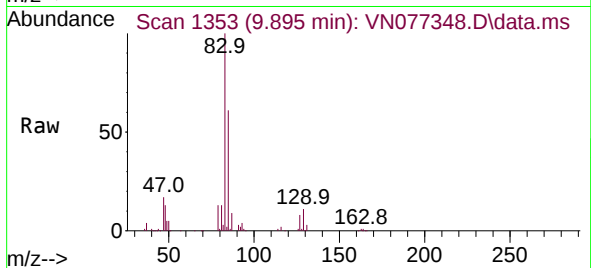
Tgt Ion: 93 Resp: 88884
Ion Ratio Lower Upper
93 100
95 83.1 0.0 166.4
174 84.2 0.0 164.8





#41
Bromodichloromethane
Concen: 18.180 ug/l
RT: 9.895 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



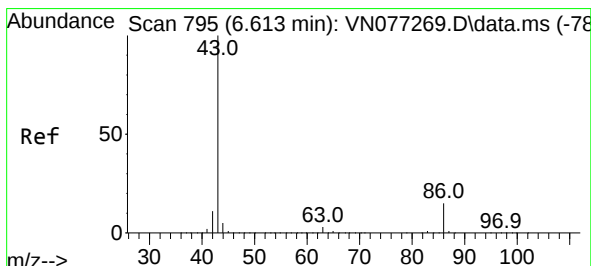
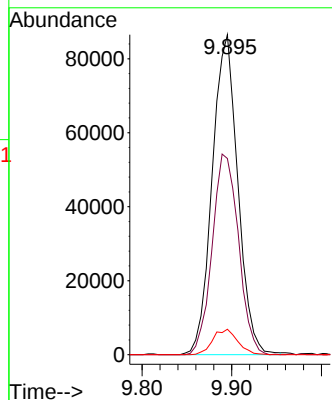
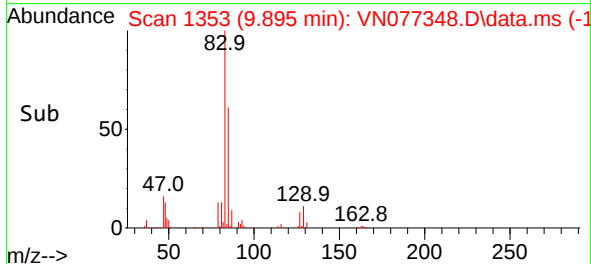
Tgt Ion: 83 Resp: 171430
Ion Ratio Lower Upper
83 100
85 61.3 52.3 78.5
127 7.9 5.9 8.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

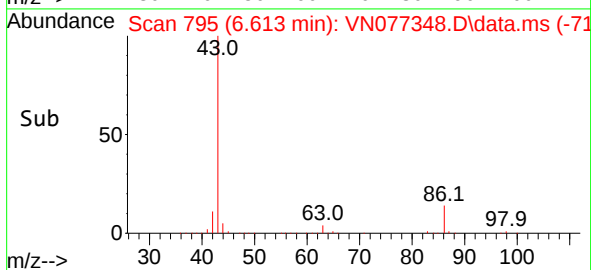
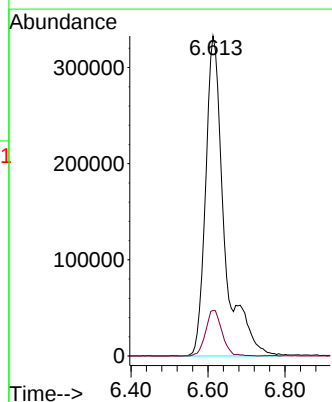
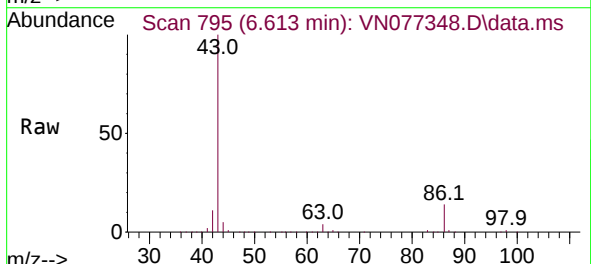
04/17/2023
Supervised By :Mahesh
Dadoda

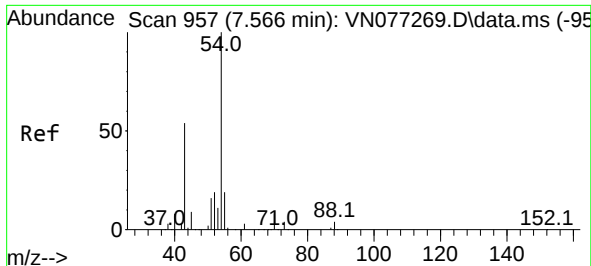
04/17/2023



#42
Vinyl Acetate
Concen: 95.601 ug/l m
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 43 Resp: 1118034
Ion Ratio Lower Upper
43 100
86 12.3 0.0 0.0#





#43

Ethyl Acetate

Concen: 16.868 ug/l

RT: 7.572 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 12610

Ion Ratio Lower Upper

43 100

45 14.4 12.3 18.5

Manual Integrations

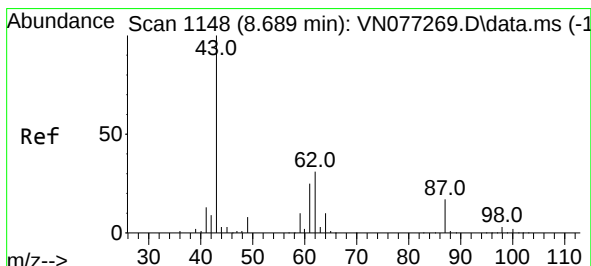
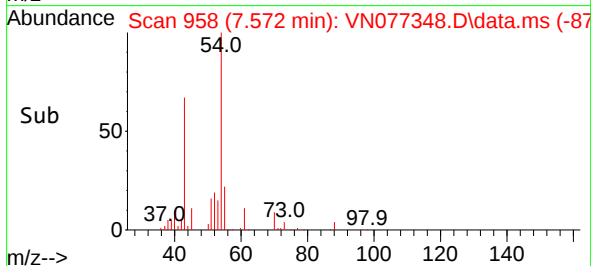
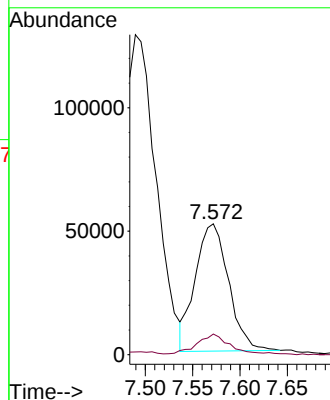
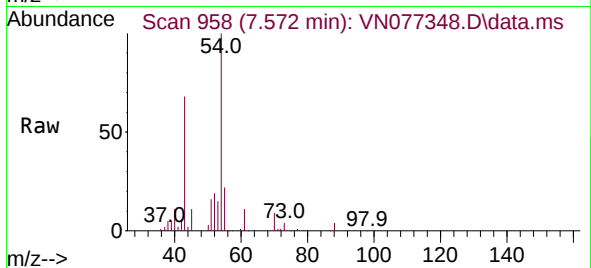
APPROVED

Reviewed By :John
Carlone

04/17/2023

Supervised By :Mahesh
Dadoda

04/17/2023



#44

Isopropyl Acetate

Concen: 17.508 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.006 min

Lab File: VN077348.D

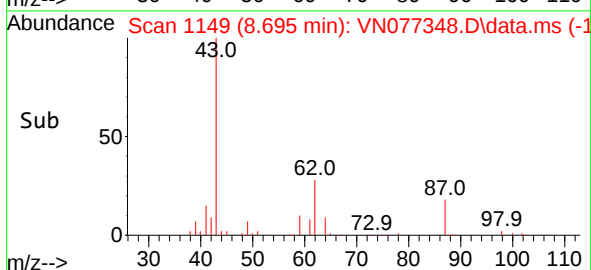
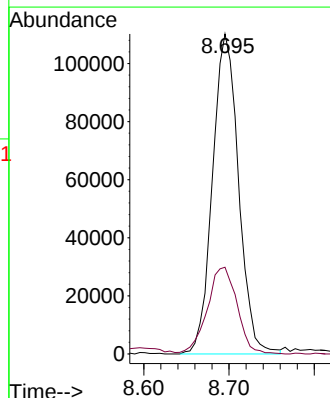
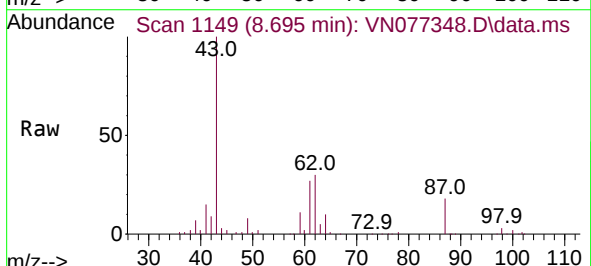
Acq: 14 Apr 2023 16:22

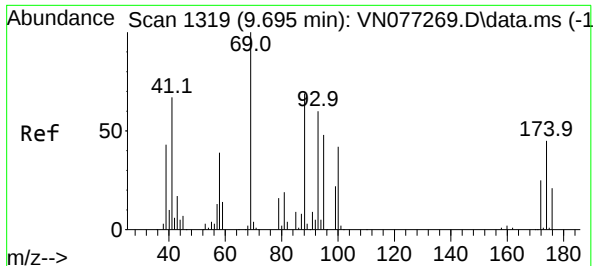
Tgt Ion: 43 Resp: 234353

Ion Ratio Lower Upper

43 100

61 31.1 0.0 0.0#





#45

1,4-Dioxane

Concen: 391.729 ug/l

RT: 9.701 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 88 Resp: 55300

Ion	Ratio	Lower	Upper
88	100		
43	21.6	17.4	26.0
58	56.6	48.2	72.4

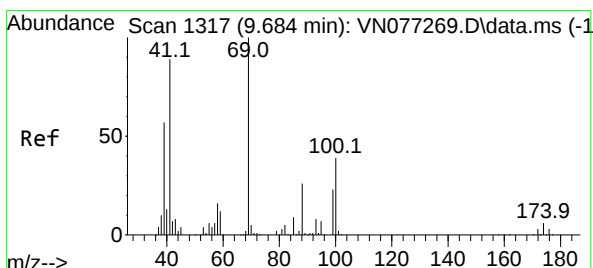
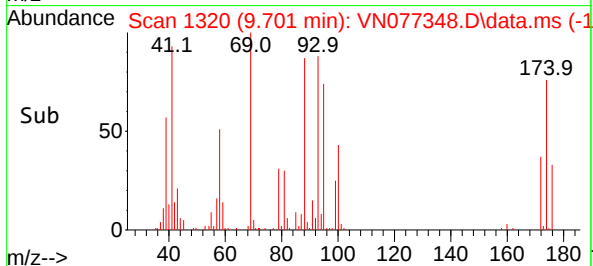
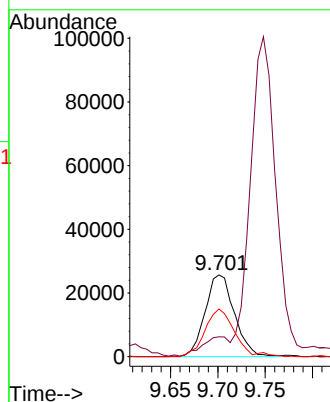
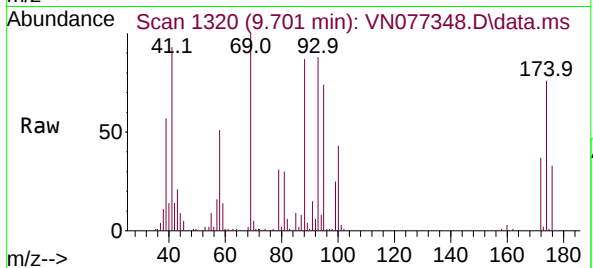
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/17/2023

Supervised By :Mahesh
Dadoda

04/17/2023



#46

Methyl methacrylate

Concen: 17.298 ug/l

RT: 9.689 min Scan# 1318

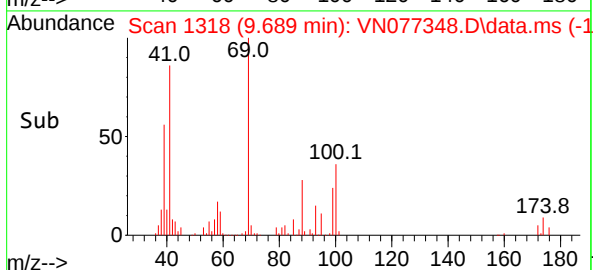
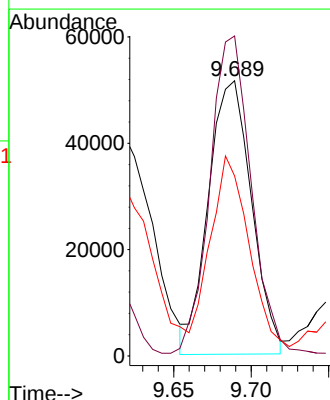
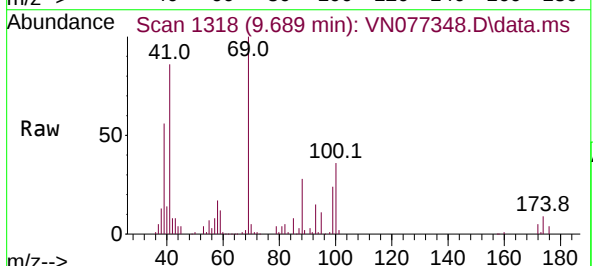
Delta R.T. 0.005 min

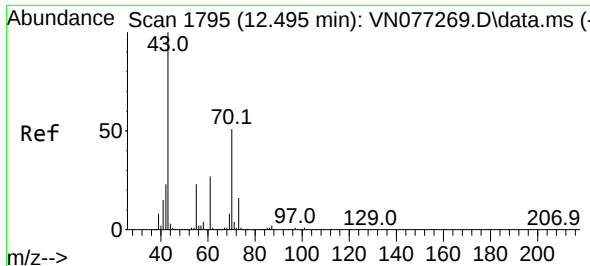
Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

Tgt Ion: 41 Resp: 99687

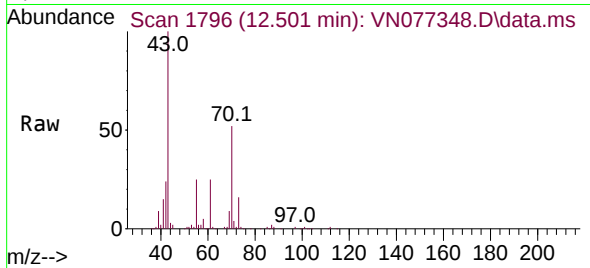
Ion	Ratio	Lower	Upper
41	100		
69	120.0	54.5	163.5
39	63.0	33.4	100.2





#47
n-amy1 Acetate
Concen: 17.358 ug/l
RT: 12.501 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



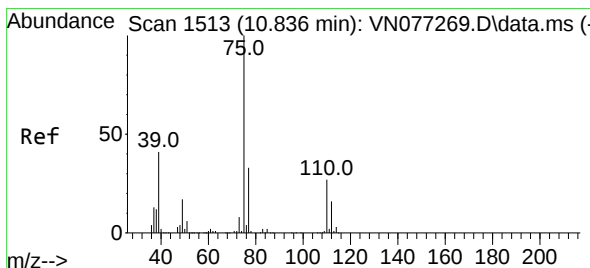
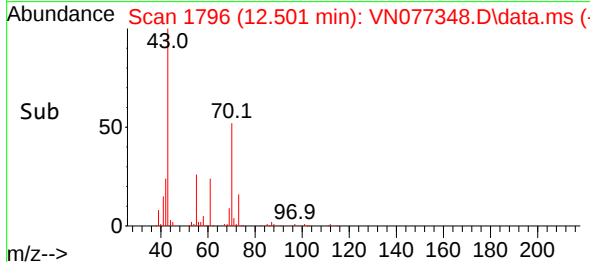
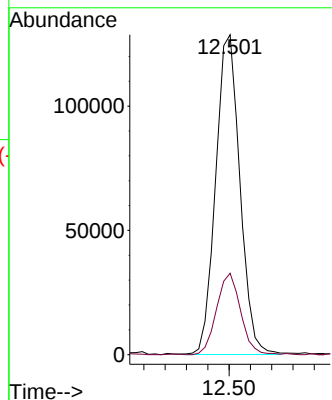
Tgt Ion: 43 Resp: 203048
Ion Ratio Lower Upper
43 100
55 25.2 19.4 29.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

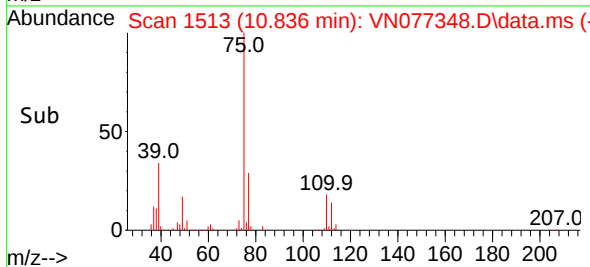
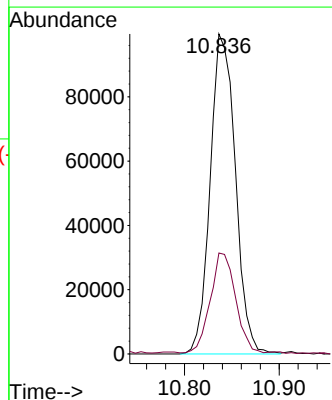
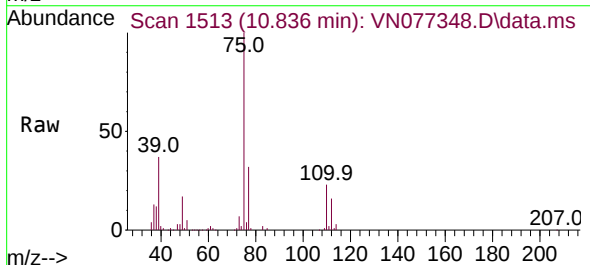
04/17/2023
Supervised By :Mahesh
Dadoda

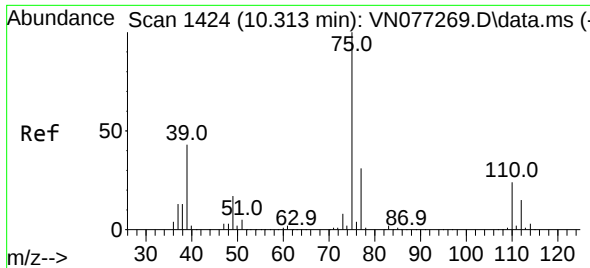
04/17/2023



#48
t-1,3-Dichloropropene
Concen: 17.405 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 75 Resp: 183679
Ion Ratio Lower Upper
75 100
77 31.2 26.5 39.7





#49
cis-1,3-Dichloropropene
Concen: 16.554 ug/l
RT: 10.319 min Scan# 1424
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 18585
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.6
39 41.0 34.4 51.6

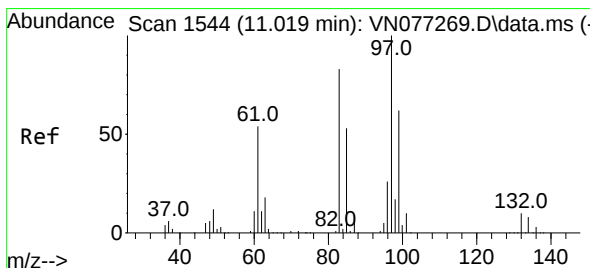
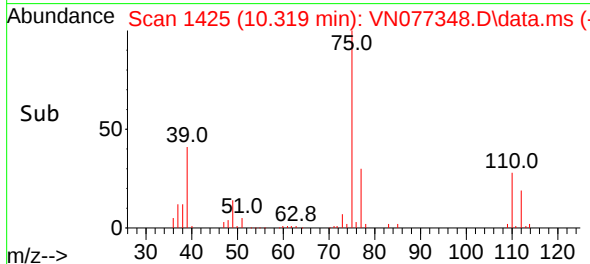
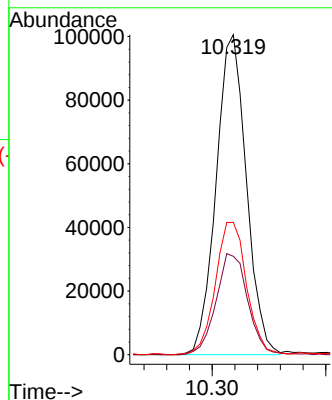
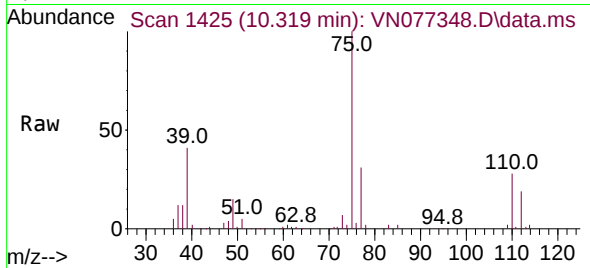
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/17/2023

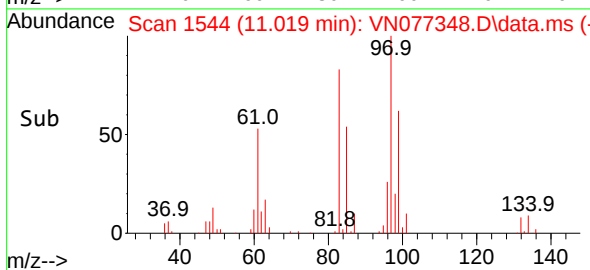
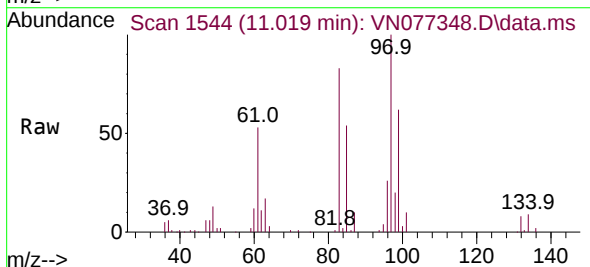
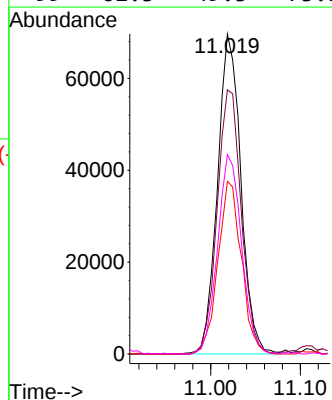
Supervised By :Mahesh
Dadoda

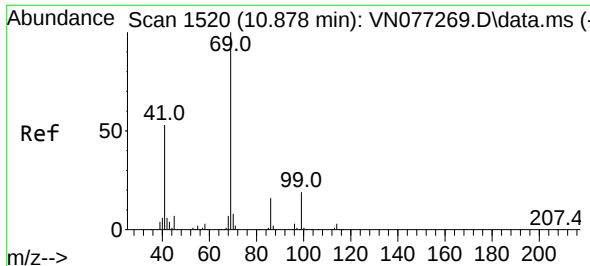
04/17/2023



#50
1,1,2-Trichloroethane
Concen: 18.343 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

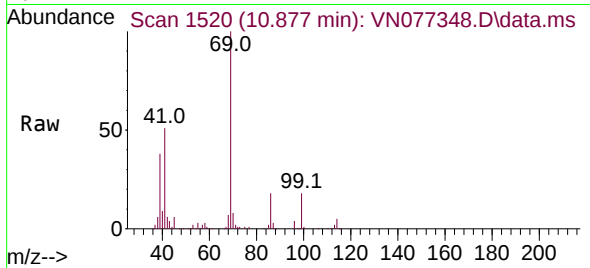
Tgt Ion: 97 Resp: 125999
Ion Ratio Lower Upper
97 100
83 82.6 66.7 100.1
85 54.0 42.4 63.6
99 62.3 49.3 73.9





#51
Ethyl methacrylate
Concen: 18.024 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



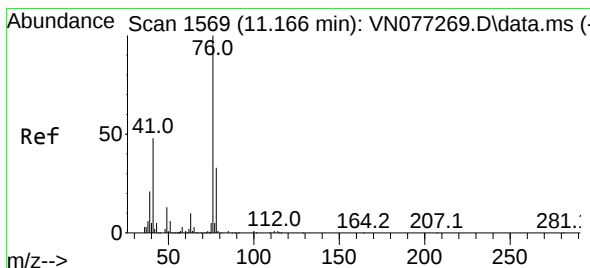
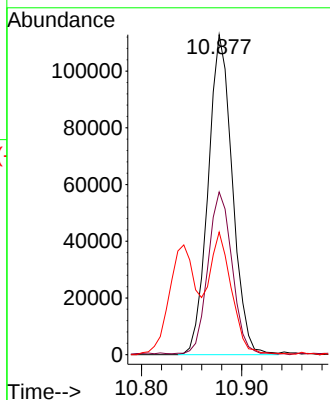
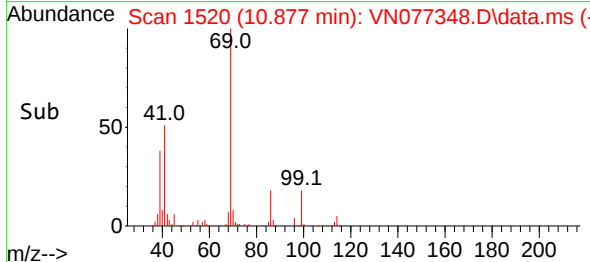
Tgt Ion: 69 Resp: 190133
Ion Ratio Lower Upper
69 100
41 50.7 26.7 80.0
39 37.9 17.0 50.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

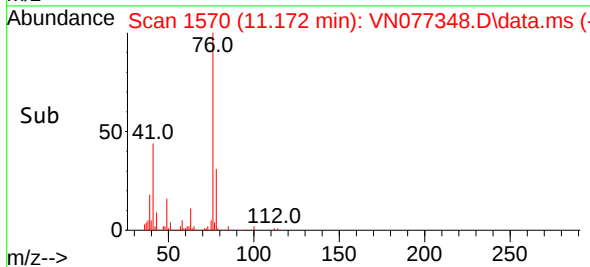
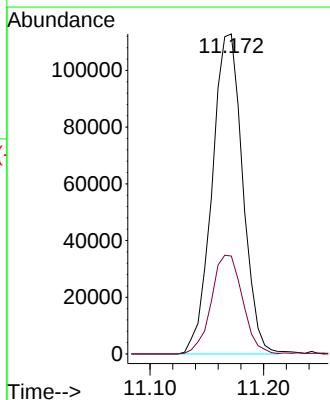
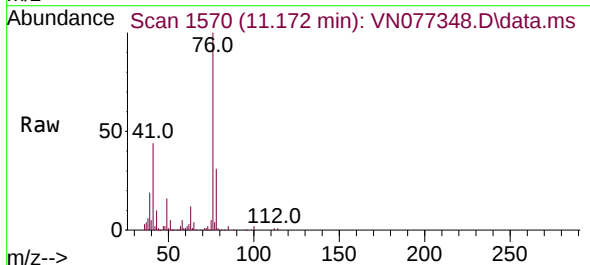
04/17/2023
Supervised By :Mahesh
Dadoda

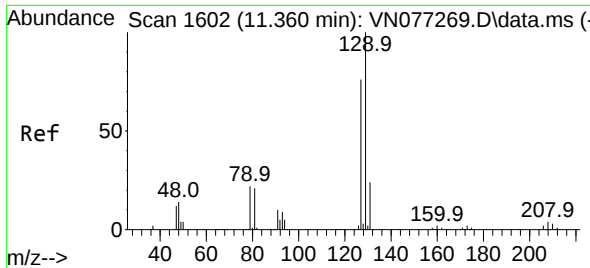
04/17/2023



#52
1,3-Dichloropropane
Concen: 18.392 ug/l
RT: 11.172 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

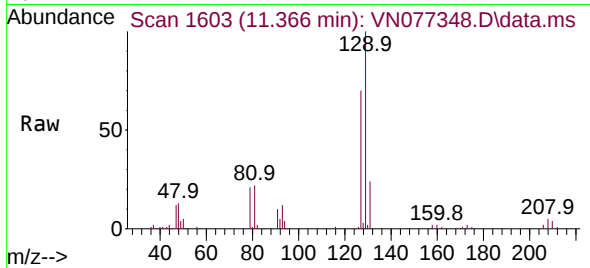
Tgt Ion: 76 Resp: 210850
Ion Ratio Lower Upper
76 100
78 31.5 0.0 65.0





#53
Dibromochloromethane
Concen: 18.483 ug/l
RT: 11.366 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



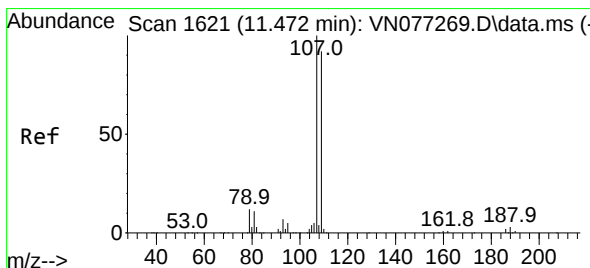
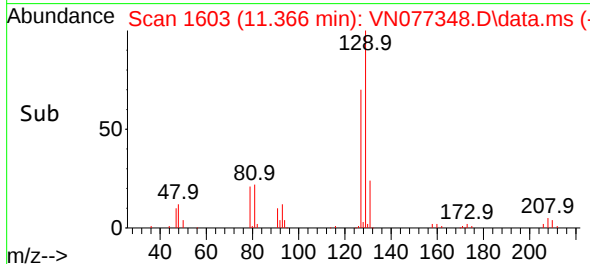
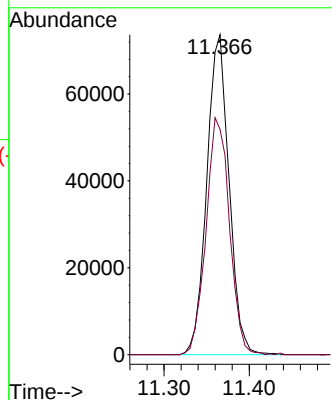
Tgt Ion:129 Resp: 133808
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

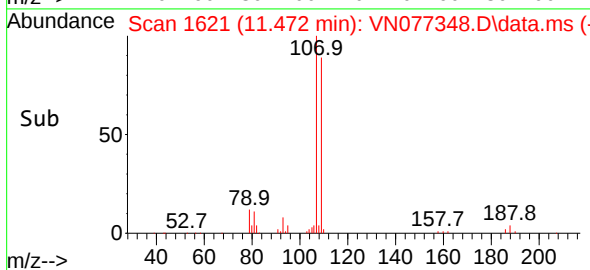
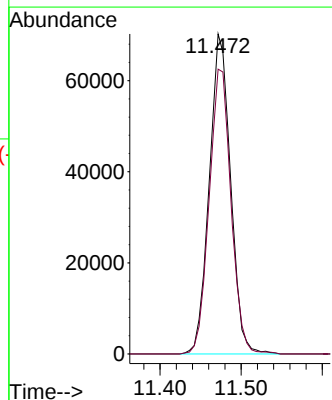
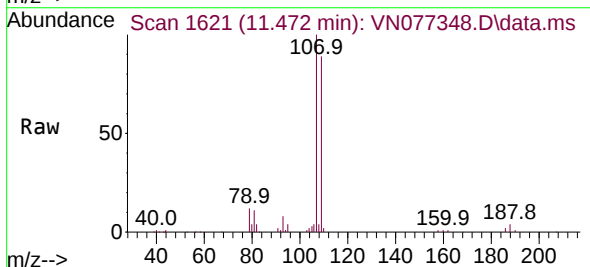
04/17/2023
Supervised By :Mahesh
Dadoda

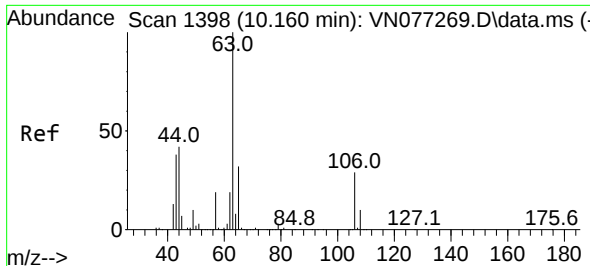
04/17/2023



#54
1,2-Dibromoethane
Concen: 18.529 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

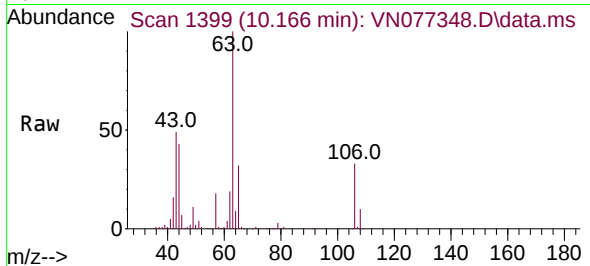
Tgt Ion:107 Resp: 127771
Ion Ratio Lower Upper
107 100
109 91.4 74.1 111.1





#55
2-Chloroethyl vinyl ether
Concen: 134.328 ug/l
RT: 10.166 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



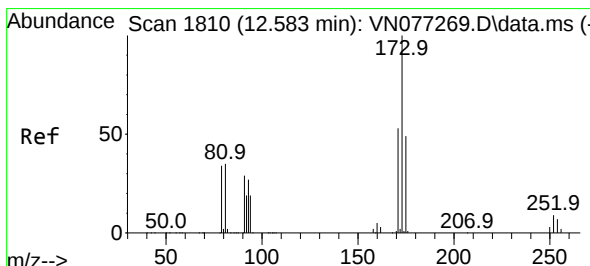
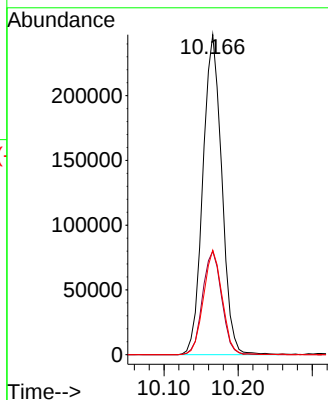
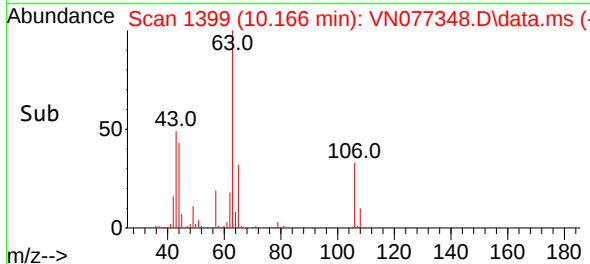
Tgt Ion: 63 Resp: 437483
Ion Ratio Lower Upper
63 100
65 32.7 25.7 38.5
106 32.1 24.0 36.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

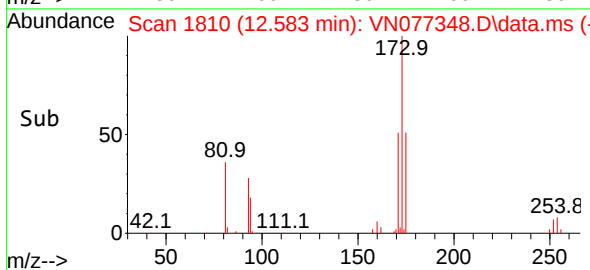
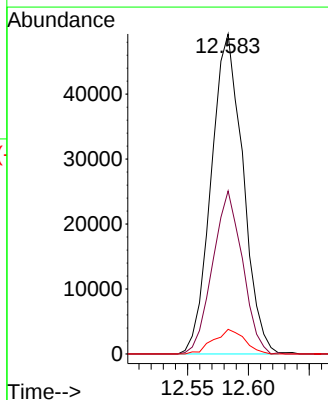
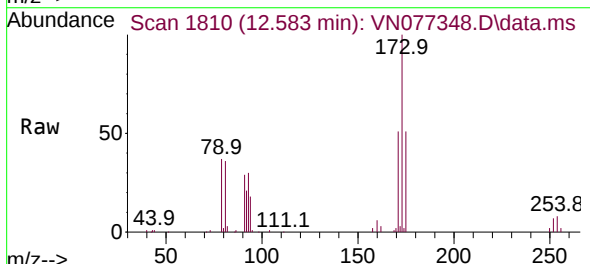
04/17/2023
Supervised By :Mahesh
Dadoda

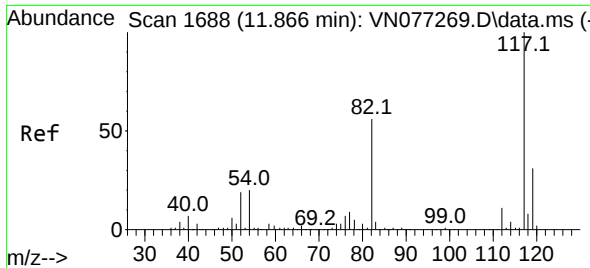
04/17/2023



#56
Bromoform
Concen: 18.406 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

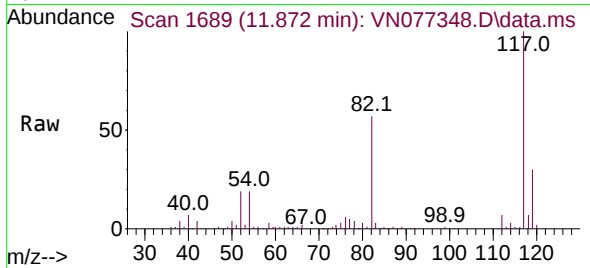
Tgt Ion:173 Resp: 89514
Ion Ratio Lower Upper
173 100
175 47.7 38.2 57.2
254 7.5 6.0 9.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



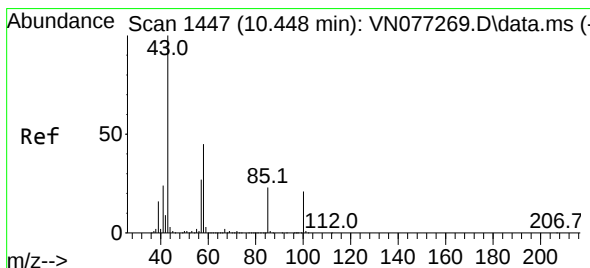
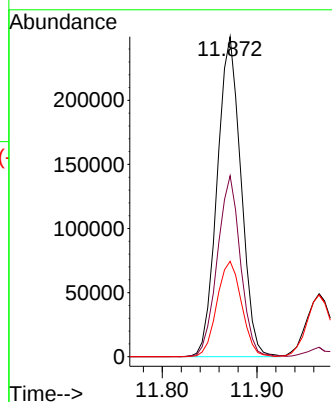
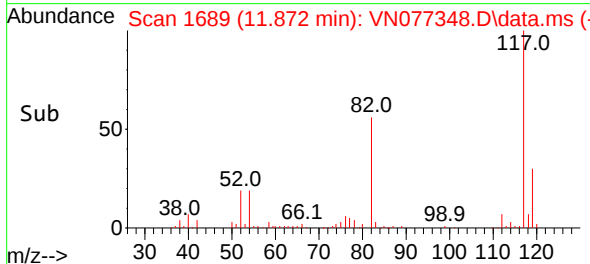
Tgt Ion: 117 Resp: 436310
Ion Ratio Lower Upper
117 100
82 55.0 43.8 65.8
119 30.9 25.4 38.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

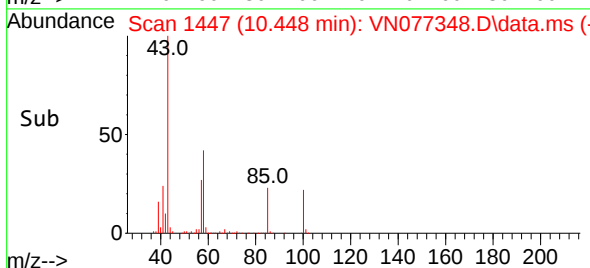
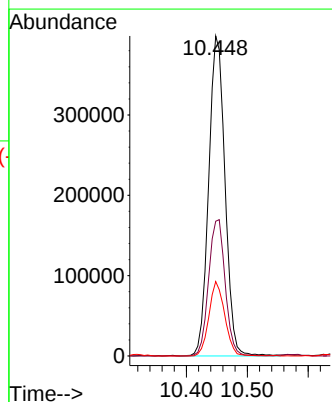
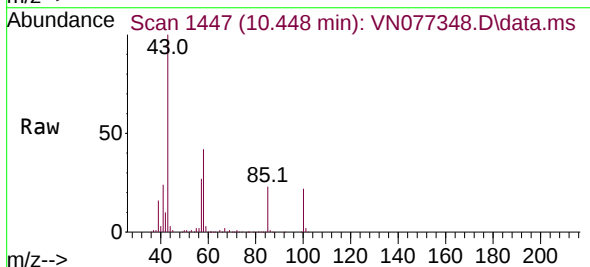
04/17/2023
Supervised By :Mahesh
Dadoda

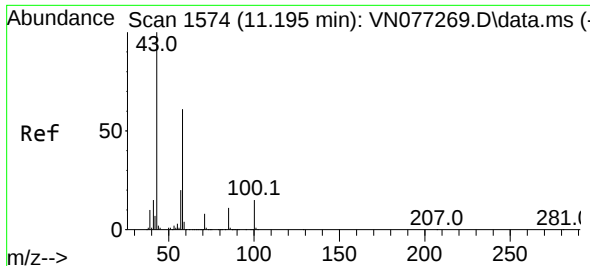
04/17/2023



#58
4-Methyl-2-Pentanone
Concen: 90.955 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

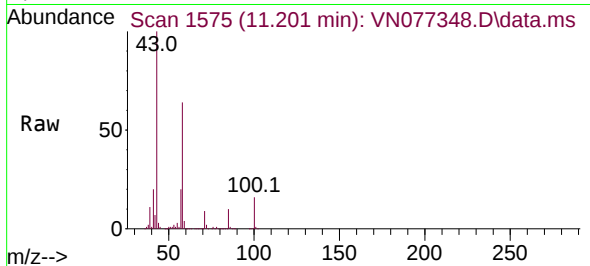
Tgt Ion: 43 Resp: 743031
Ion Ratio Lower Upper
43 100
58 43.1 34.7 52.1
85 22.5 17.8 26.8





#59
2-Hexanone
Concen: 85.252 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



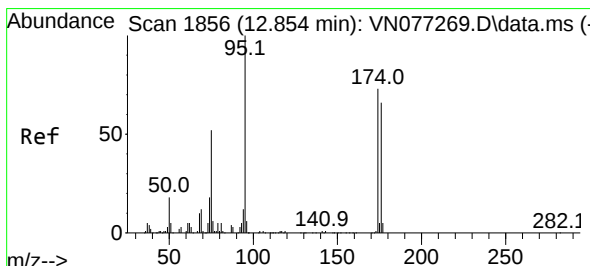
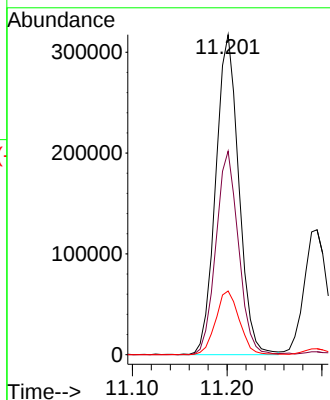
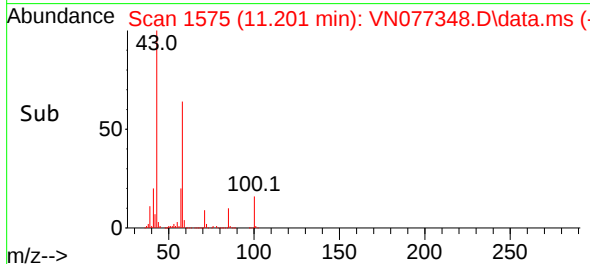
Tgt Ion: 43 Resp: 538329
Ion Ratio Lower Upper
43 100
58 62.0 48.6 73.0
57 20.5 16.7 25.1

Manual Integrations
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Reviewed By :John
Carlone

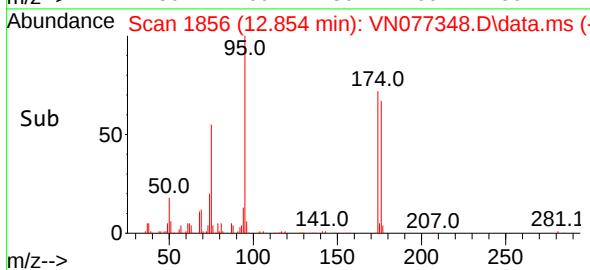
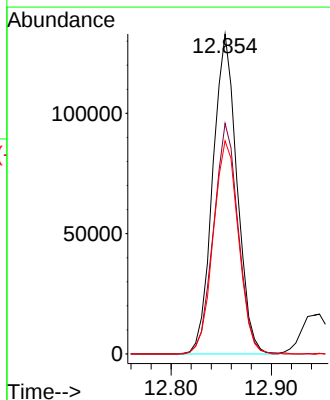
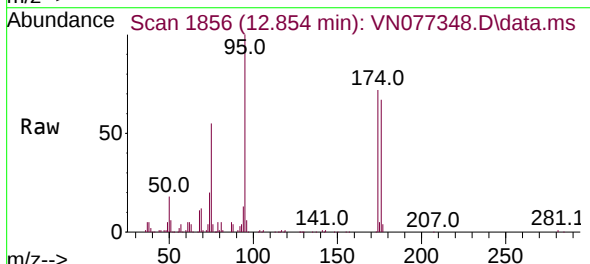
04/17/2023
Supervised By :Mahesh
Dadoda

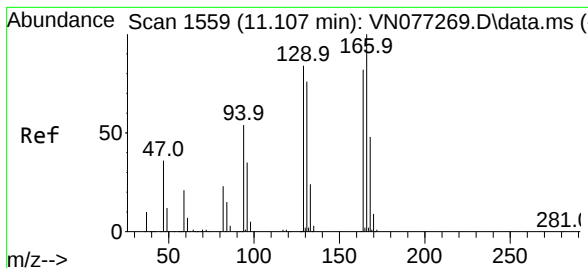
04/17/2023



#60
4-Bromofluorobenzene
Concen: 29.566 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

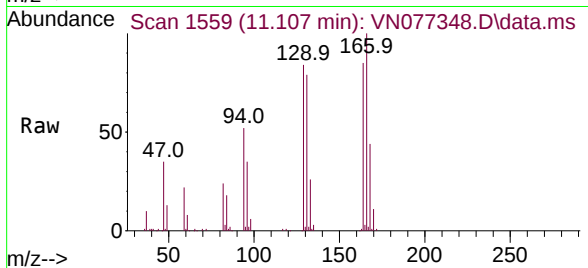
Tgt Ion: 95 Resp: 223059
Ion Ratio Lower Upper
95 100
174 73.2 57.8 86.8
176 69.1 54.6 81.8





#61
Tetrachloroethene
Concen: 18.784 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



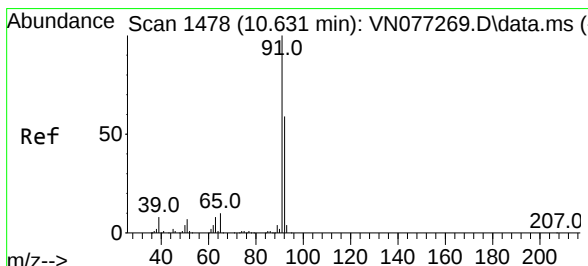
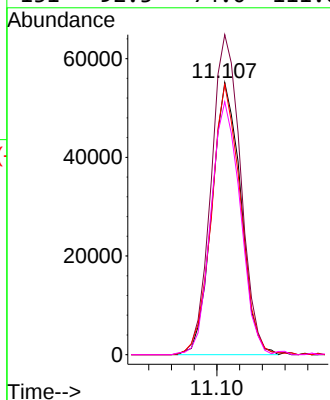
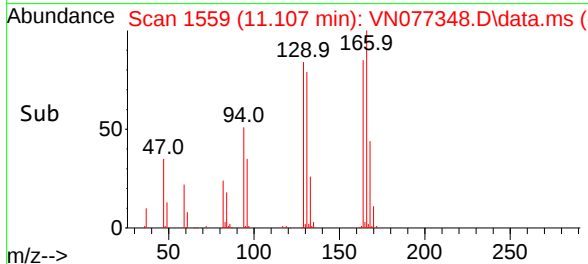
Tgt Ion:164 Resp: 9748
Ion Ratio Lower Upper
164 100
166 117.2 97.9 146.9
129 98.9 82.5 123.7
131 92.3 74.0 111.0

Manual Integrations
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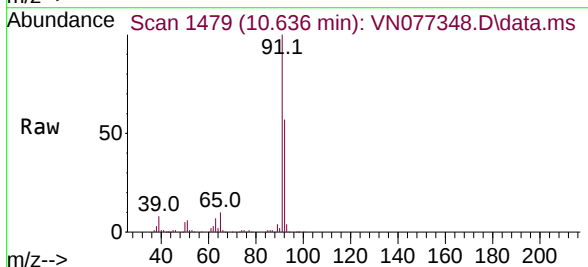
Reviewed By :John
Carlone

04/17/2023
Supervised By :Mahesh
Dadoda

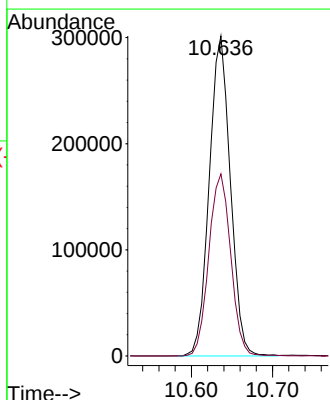
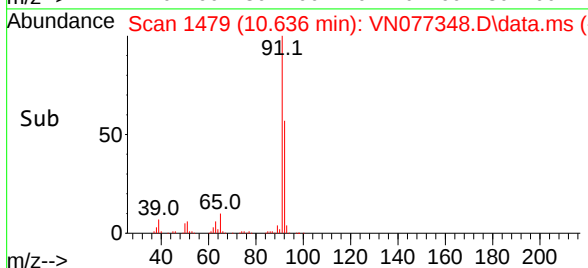
04/17/2023

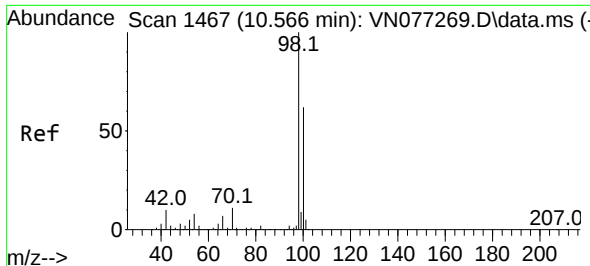


#62
Toluene
Concen: 17.901 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.005 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22



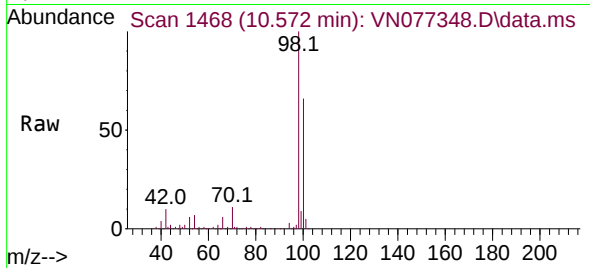
Tgt Ion: 91 Resp: 544949
Ion Ratio Lower Upper
91 100
92 59.0 46.6 70.0





#63
Toluene-d8
Concen: 29.521 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



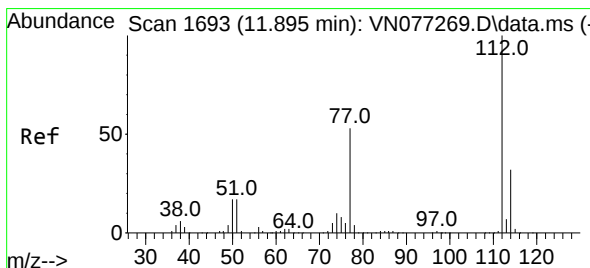
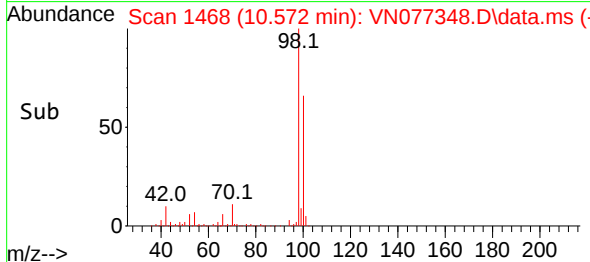
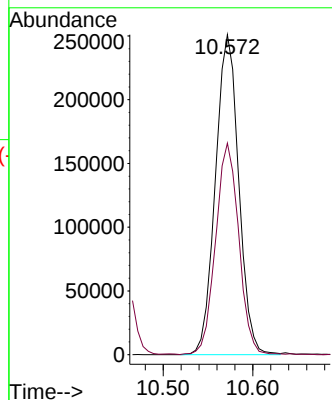
Tgt Ion: 98 Resp: 452800
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.2

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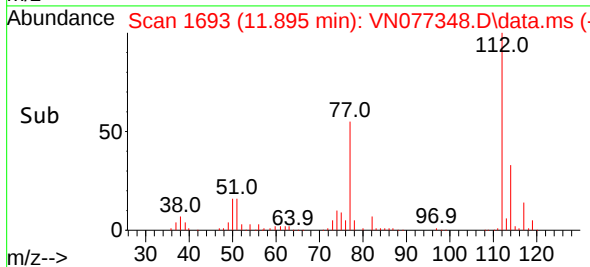
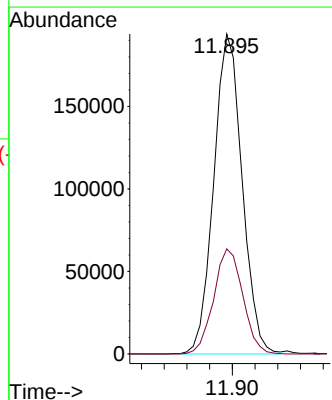
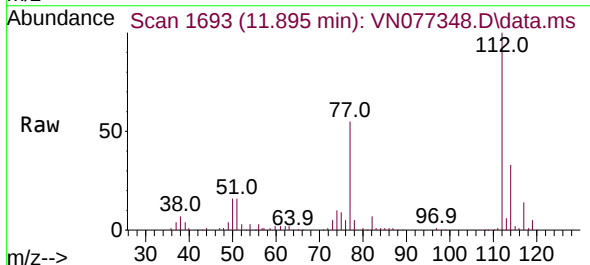
04/17/2023
Supervised By :Mahesh
Dadoda

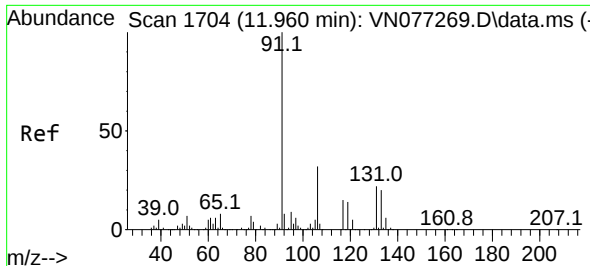
04/17/2023



#64
Chlorobenzene
Concen: 18.166 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

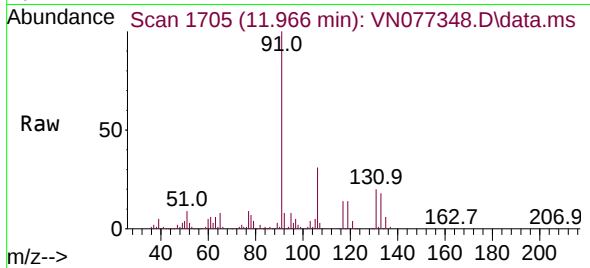
Tgt Ion:112 Resp: 335984
Ion Ratio Lower Upper
112 100
114 32.9 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 18.235 ug/l
RT: 11.966 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



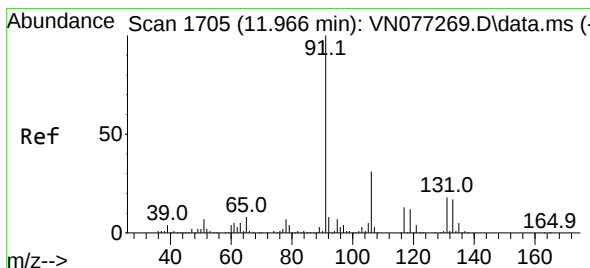
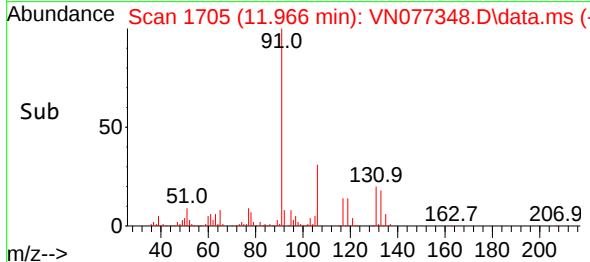
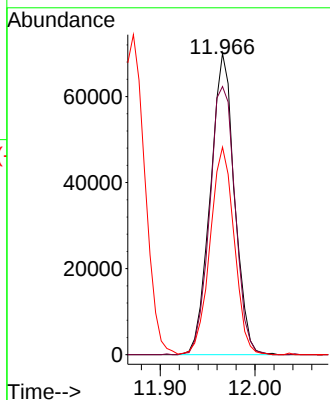
Tgt Ion:131 Resp: 124020
Ion Ratio Lower Upper
131 100
133 93.9 0.0 184.4
119 68.7 0.0 134.8

Manual Integrations
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Reviewed By :John
Carlone

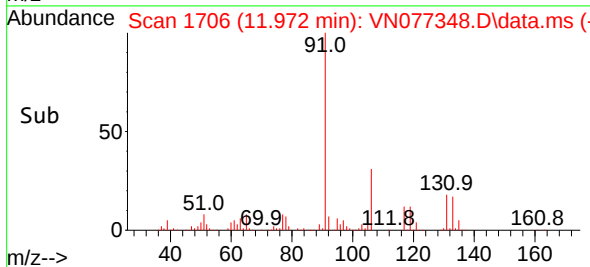
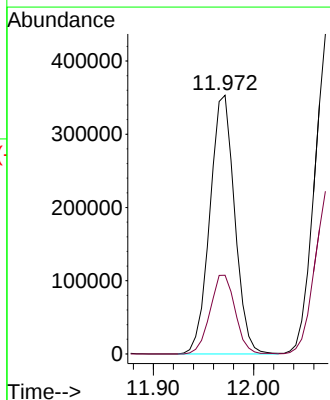
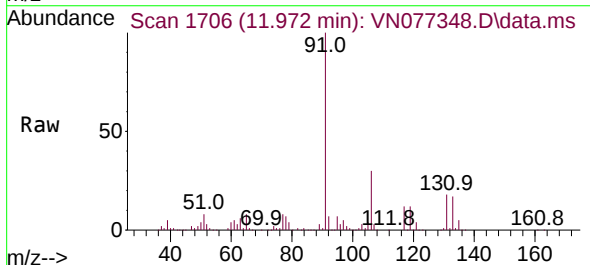
04/17/2023
Supervised By :Mahesh
Dadoda

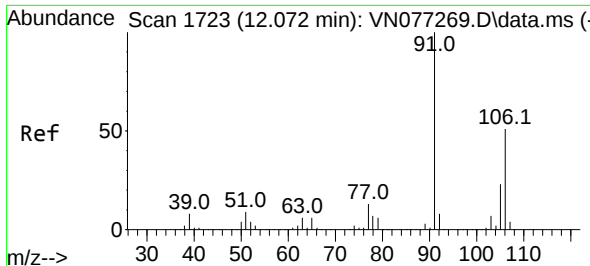
04/17/2023



#66
Ethyl Benzene
Concen: 17.969 ug/l
RT: 11.972 min Scan# 1706
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 91 Resp: 606028
Ion Ratio Lower Upper
91 100
106 30.5 25.0 37.6





#67
m/p-Xylenes
Concen: 35.920 ug/l
RT: 12.077 min Scan# 1723
Delta R.T. 0.005 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

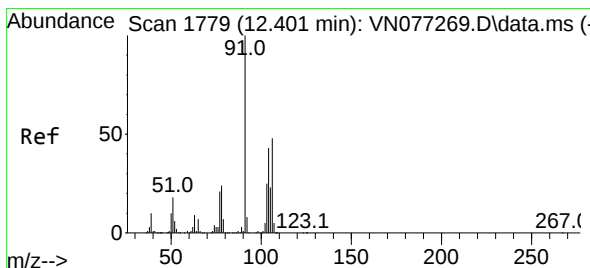
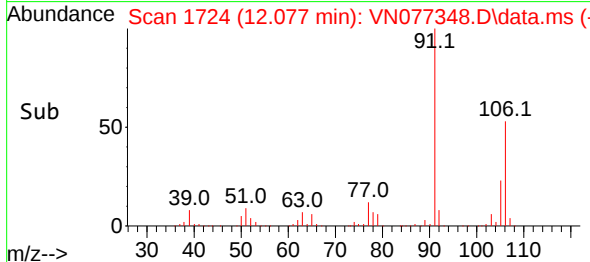
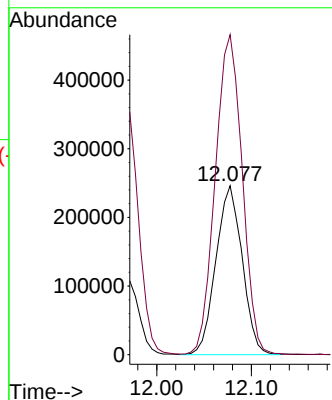
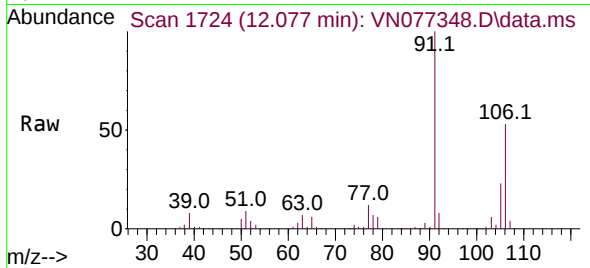
Tgt Ion:106 Resp: 474850
Ion Ratio Lower Upper
106 100
91 194.7 158.0 237.0

Manual Integrations
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Reviewed By :John
Carlone

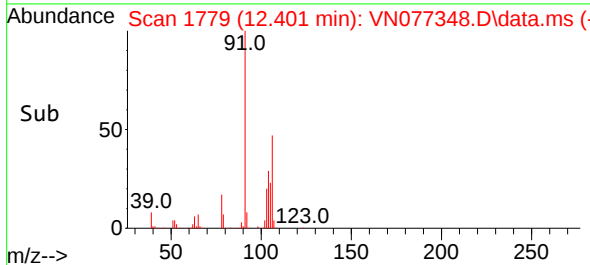
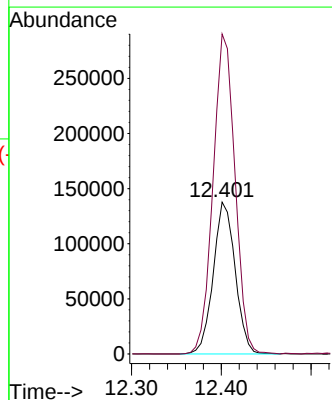
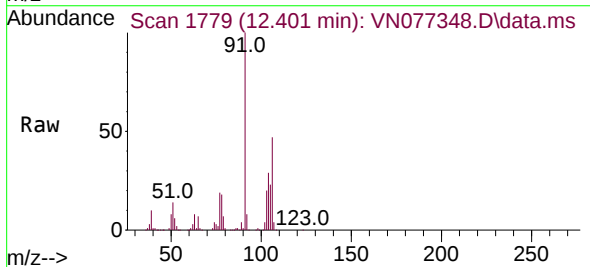
04/17/2023
Supervised By :Mahesh
Dadoda

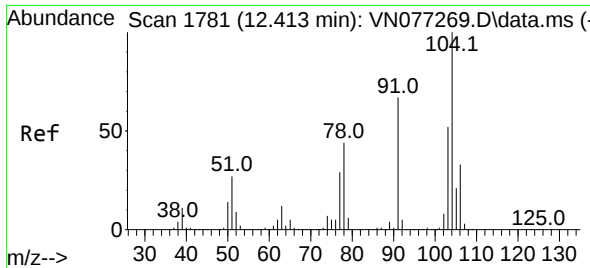
04/17/2023



#68
o-Xylene
Concen: 17.691 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

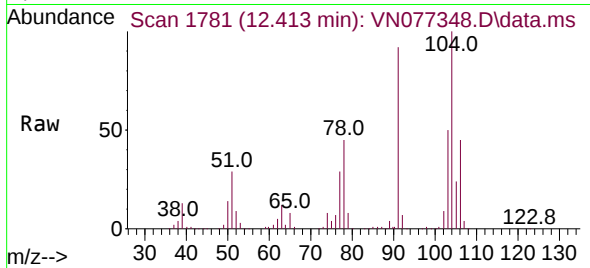
Tgt Ion:106 Resp: 233970
Ion Ratio Lower Upper
106 100
91 210.9 103.6 310.8





#69
Styrene
Concen: 17.687 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



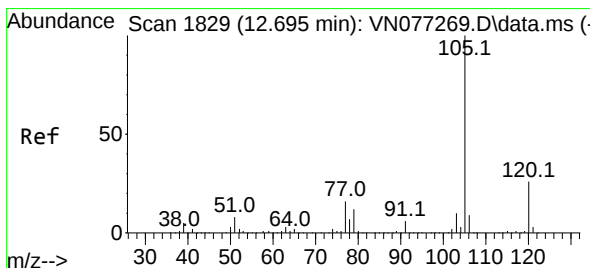
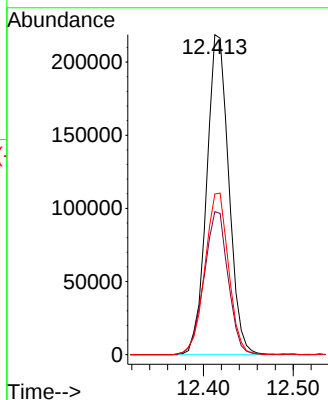
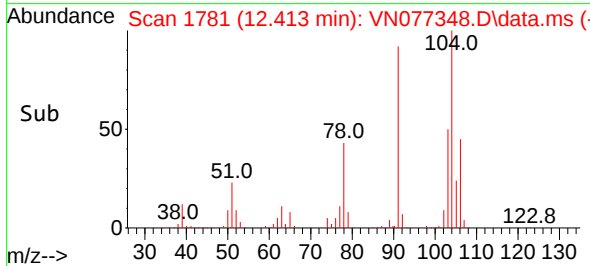
Tgt Ion:104 Resp: 37476
Ion Ratio Lower Upper
104 100
78 48.5 38.2 57.4
103 54.0 43.6 65.4

Manual Integrations
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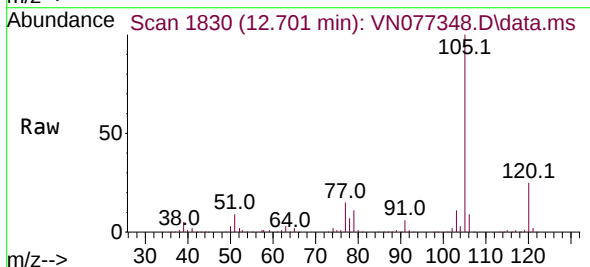
Reviewed By :John
Carlone

04/17/2023
Supervised By :Mahesh
Dadoda

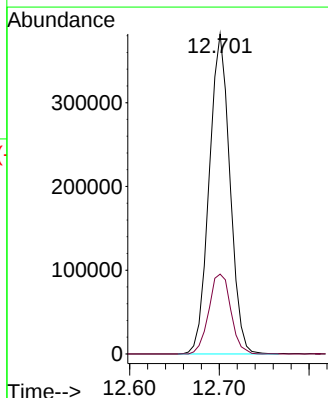
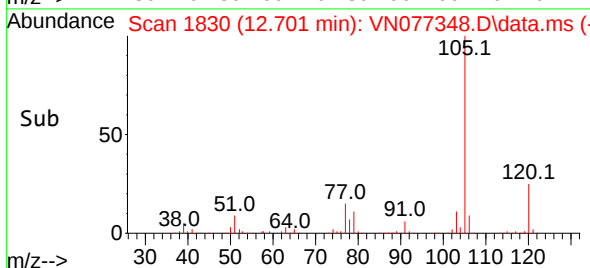
04/17/2023

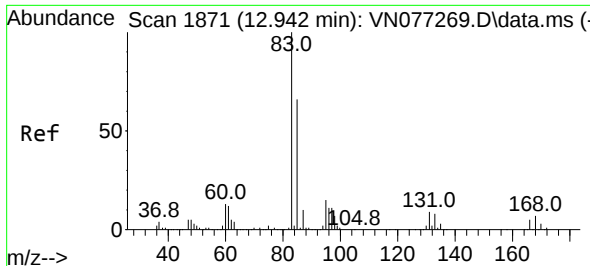


#70
Isopropylbenzene
Concen: 18.218 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22



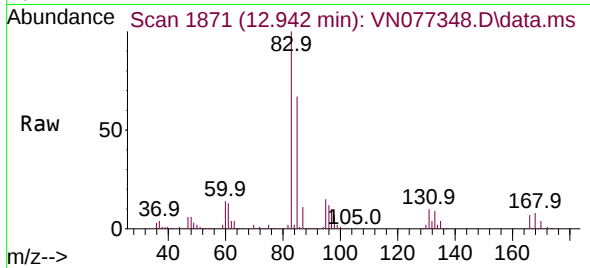
Tgt Ion:105 Resp: 611450
Ion Ratio Lower Upper
105 100
120 26.5 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 17.960 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



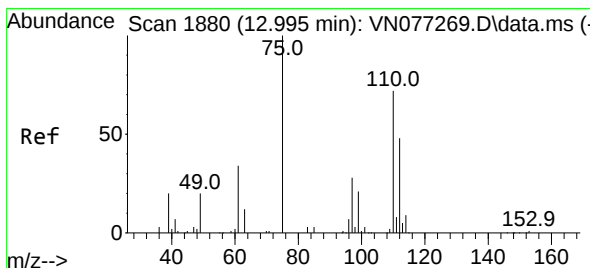
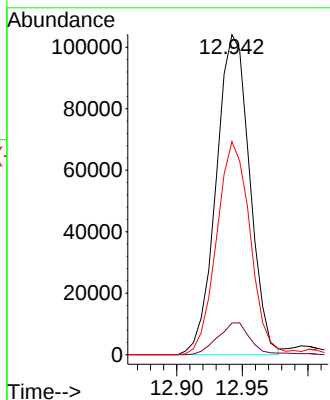
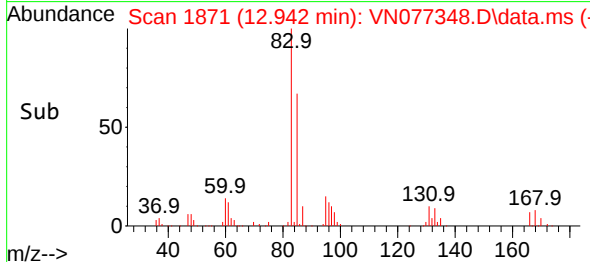
Tgt Ion: 83 Resp: 18460
Ion Ratio Lower Upper
83 100
131 9.9 4.7 14.0
85 67.0 32.3 96.8

Manual Integrations
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Reviewed By :John
Carlone

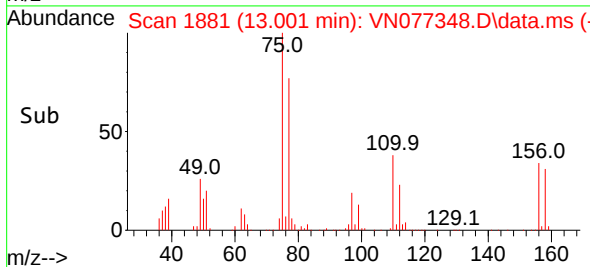
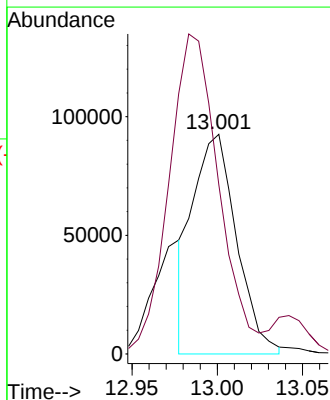
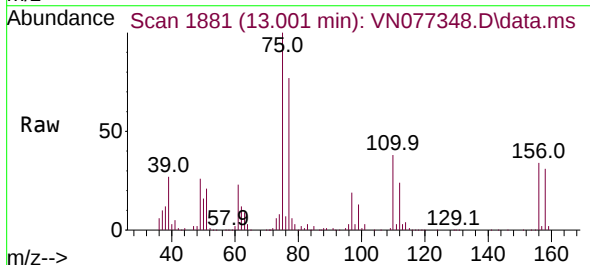
04/17/2023
Supervised By :Mahesh
Dadoda

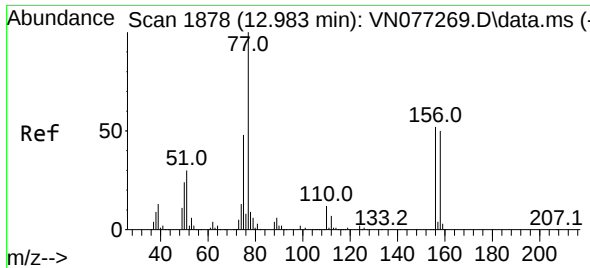
04/17/2023



#72
1,2,3-Trichloropropane
Concen: 23.619 ug/l m
RT: 13.001 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 75 Resp: 165018
Ion Ratio Lower Upper
75 100
77 165.7 0.0 434.2





#73
Bromobenzene
Concen: 18.367 ug/l
RT: 12.989 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

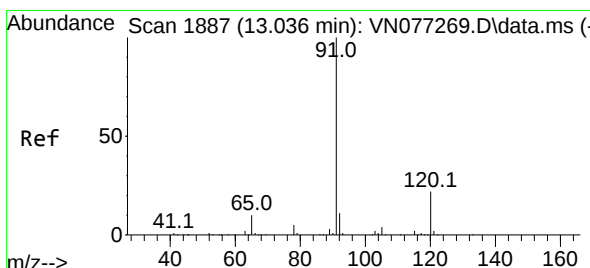
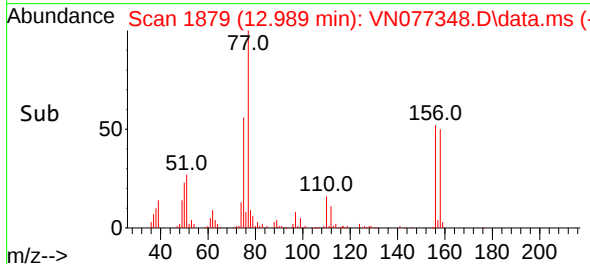
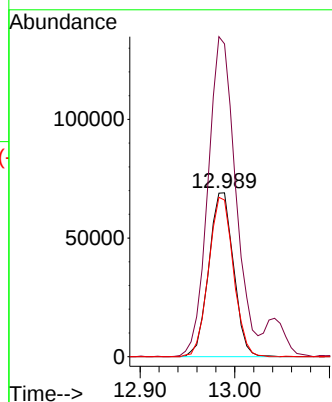
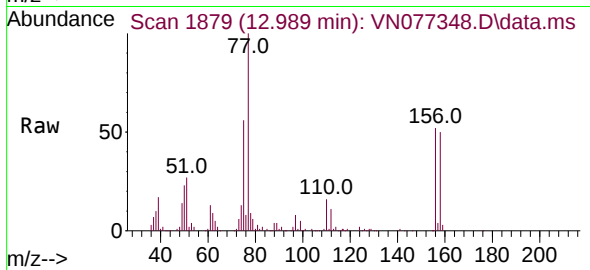
Tgt Ion:156 Resp: 12524
Ion Ratio Lower Upper
156 100
77 218.3 0.0 456.6
158 97.5 0.0 195.6

Manual Integrations
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Reviewed By :John
Carlone

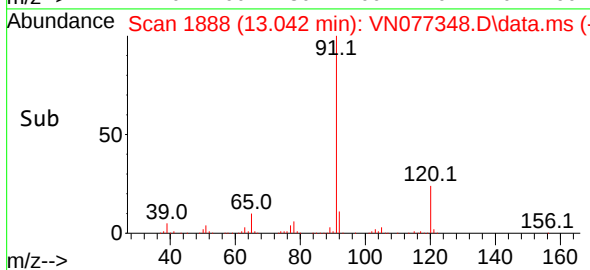
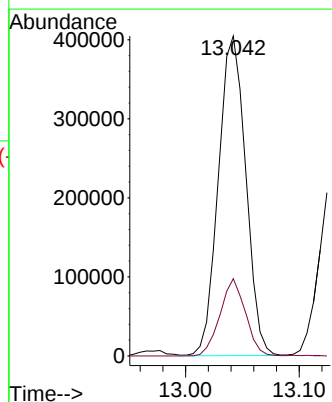
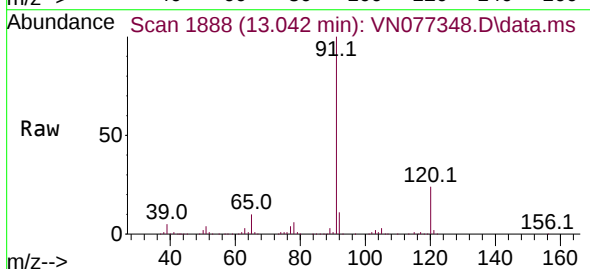
04/17/2023
Supervised By :Mahesh
Dadoda

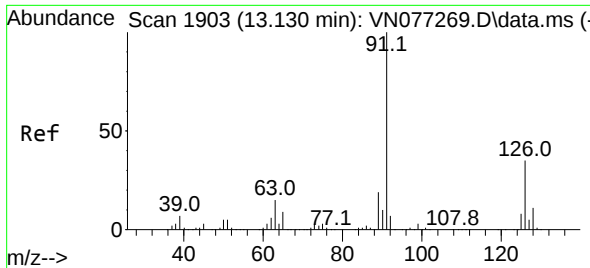
04/17/2023



#74
n-propylbenzene
Concen: 18.249 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 91 Resp: 677667
Ion Ratio Lower Upper
91 100
120 22.5 0.0 45.6





#75
2-Chlorotoluene
Concen: 17.971 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

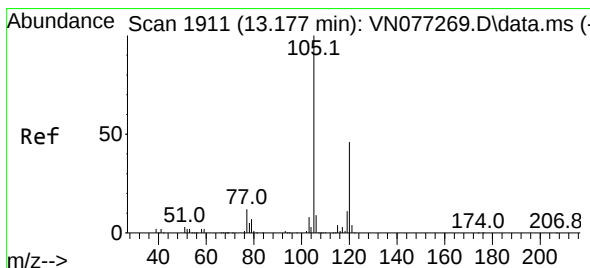
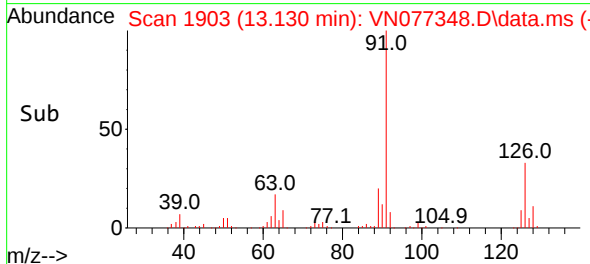
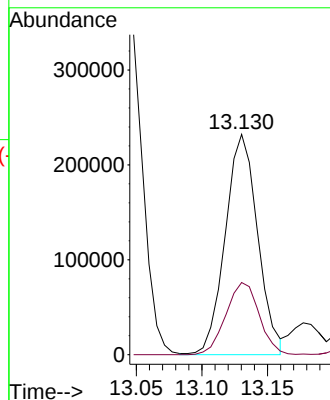
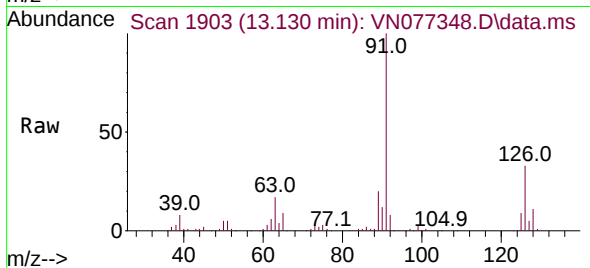
Tgt Ion: 91 Resp: 399794
Ion Ratio Lower Upper
91 100
126 33.6 0.0 67.0

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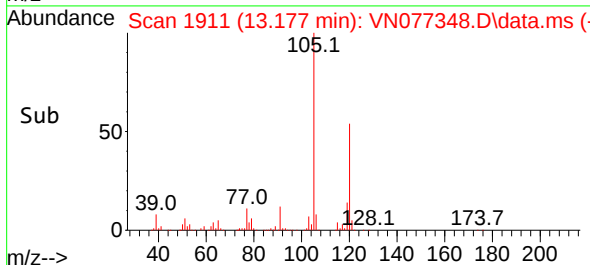
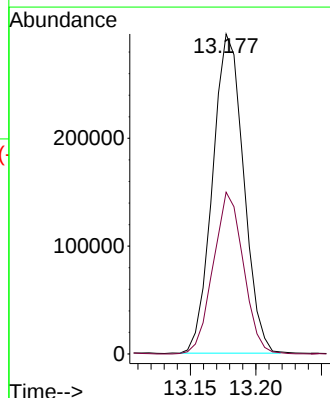
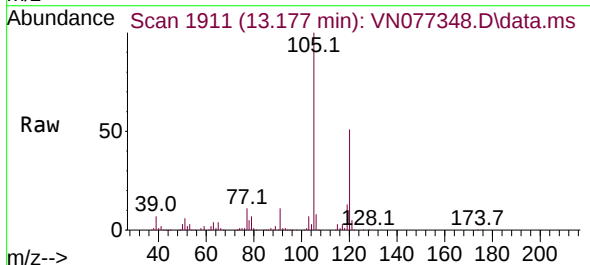
04/17/2023
Supervised By :Mahesh
Dadoda

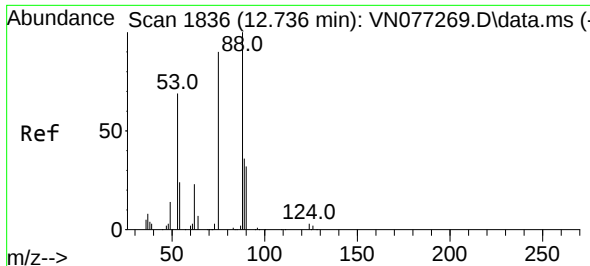
04/17/2023



#76
1,3,5-Trimethylbenzene
Concen: 17.840 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

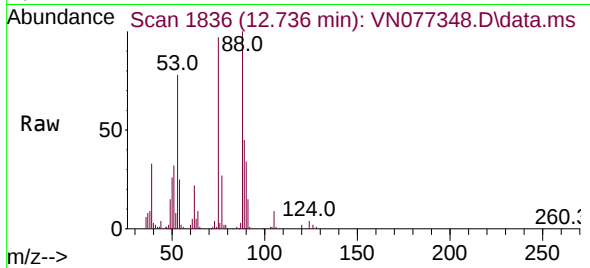
Tgt Ion:105 Resp: 487345
Ion Ratio Lower Upper
105 100
120 49.3 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 15.989 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



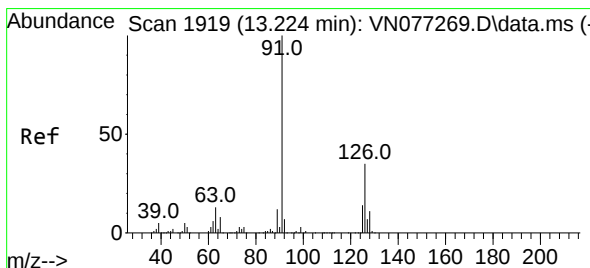
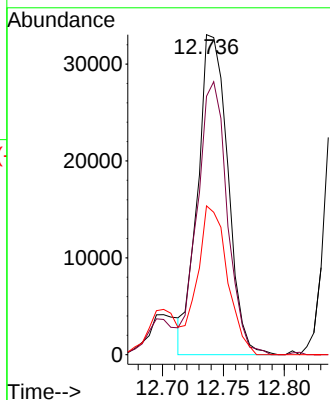
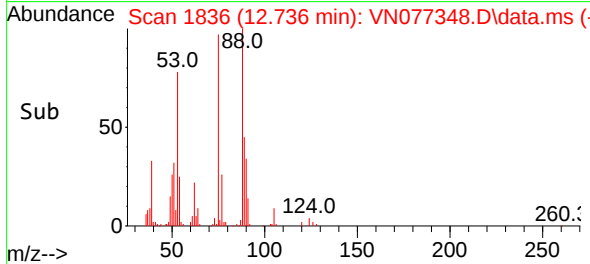
Tgt Ion: 75 Resp: 5689
Ion Ratio Lower Upper
75 100
53 80.8 38.8 116.4
89 46.5 23.2 69.6

Manual Integrations
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Reviewed By :John
Carlone

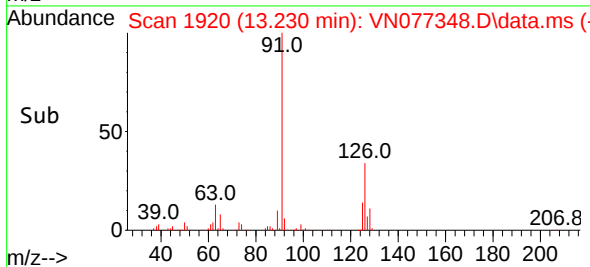
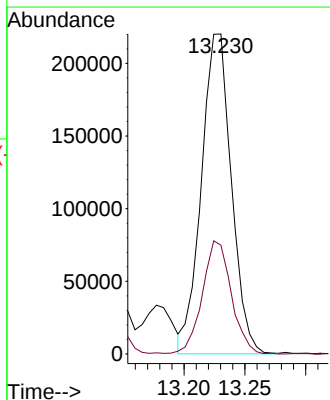
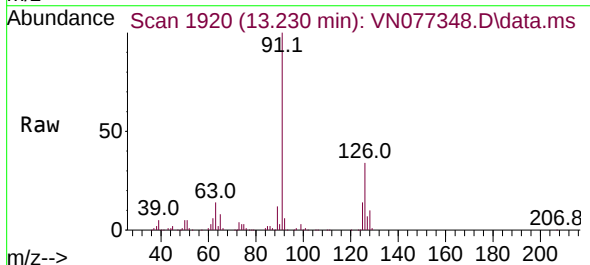
04/17/2023
Supervised By :Mahesh
Dadoda

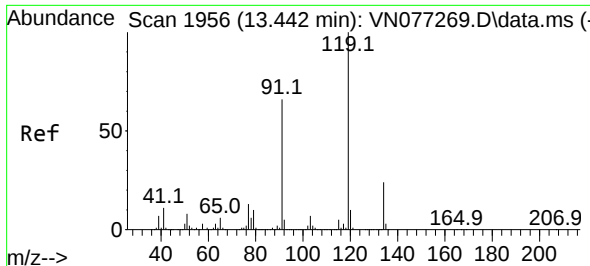
04/17/2023



#78
4-Chlorotoluene
Concen: 17.969 ug/l
RT: 13.230 min Scan# 1920
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

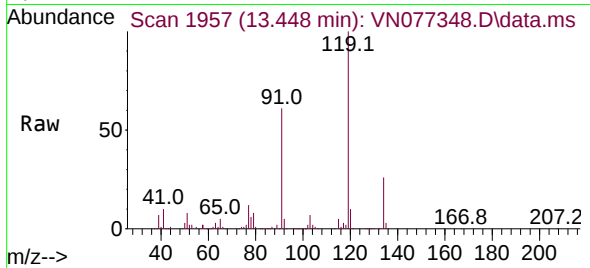
Tgt Ion: 91 Resp: 377722
Ion Ratio Lower Upper
91 100
126 34.2 0.0 67.4





#79
tert-butylbenzene
Concen: 18.742 ug/l
RT: 13.448 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



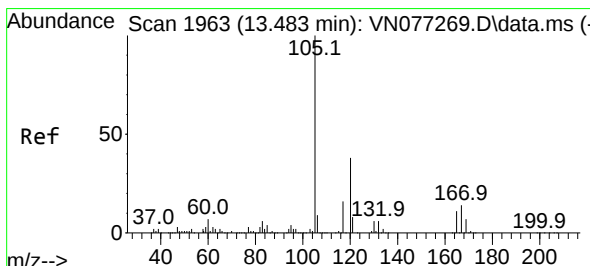
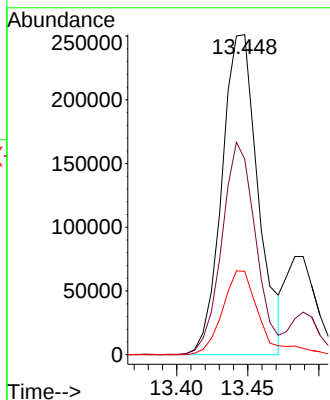
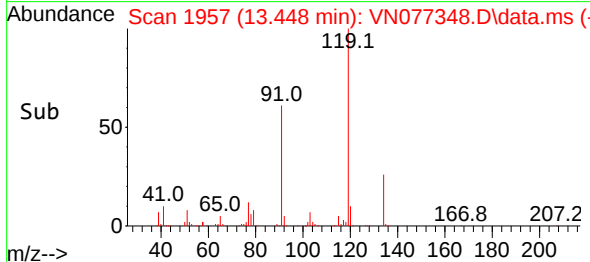
Tgt Ion:119 Resp: 44559
Ion Ratio Lower Upper
119 100
91 62.2 0.0 131.0
134 25.3 0.0 49.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

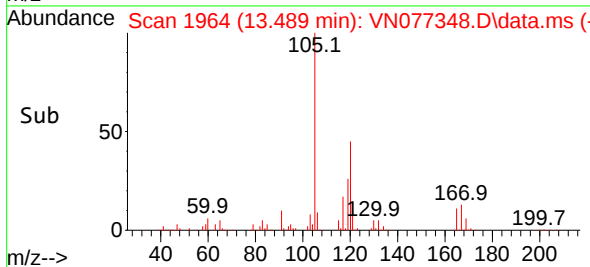
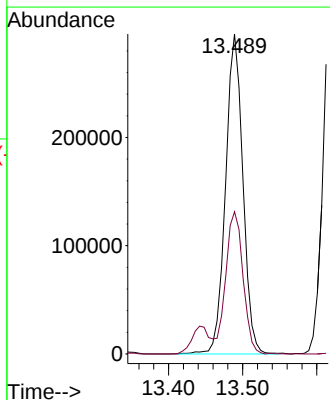
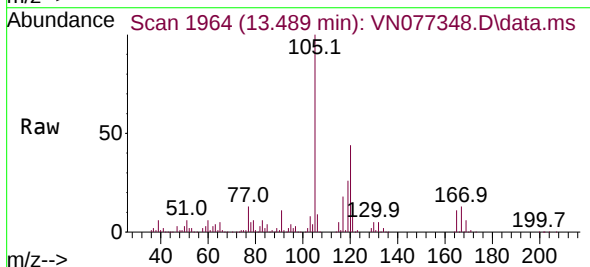
04/17/2023
Supervised By :Mahesh
Dadoda

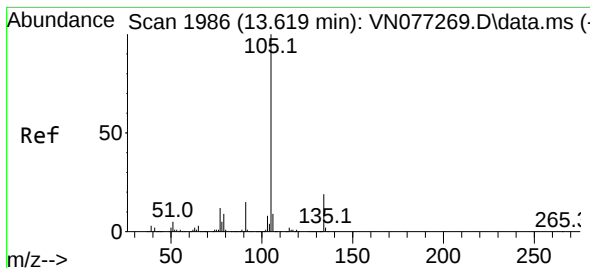
04/17/2023



#80
1,2,4-Trimethylbenzene
Concen: 18.026 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion:105 Resp: 480008
Ion Ratio Lower Upper
105 100
120 44.5 0.0 91.0





#81

sec-Butylbenzene

Concen: 18.334 ug/l

RT: 13.624 min Scan# 1986

Delta R.T. 0.005 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:105 Resp: 62251

Ion Ratio Lower Upper

105 100

134 19.1 0.0 38.6

Manual Integrations

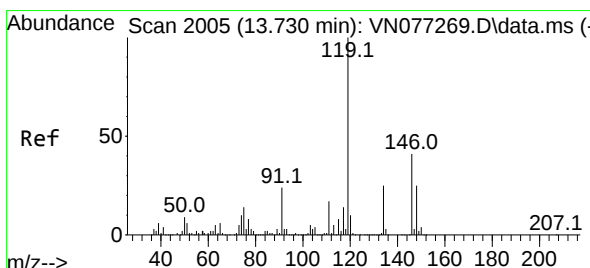
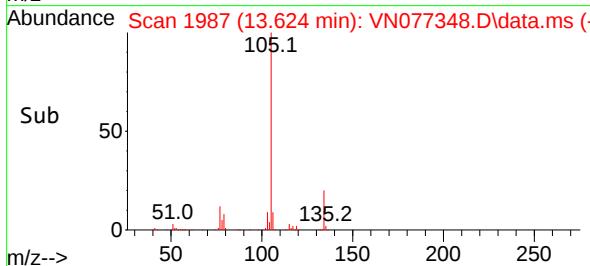
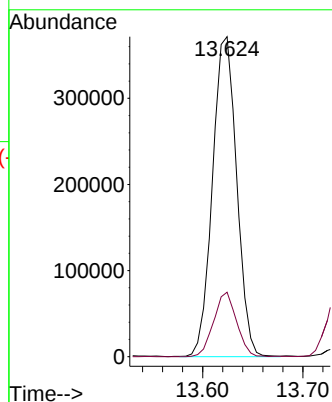
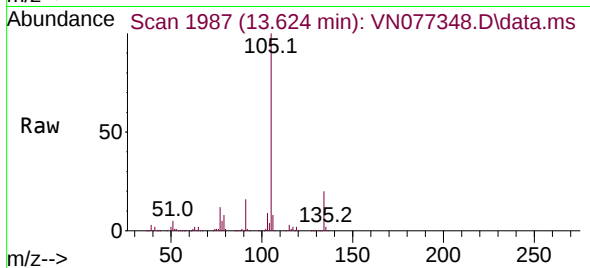
APPROVED

Reviewed By :John
Carlone

04/17/2023

Supervised By :Mahesh
Dadoda

04/17/2023



#82

p-Isopropyltoluene

Concen: 18.527 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.006 min

Lab File: VN077348.D

Acq: 14 Apr 2023 16:22

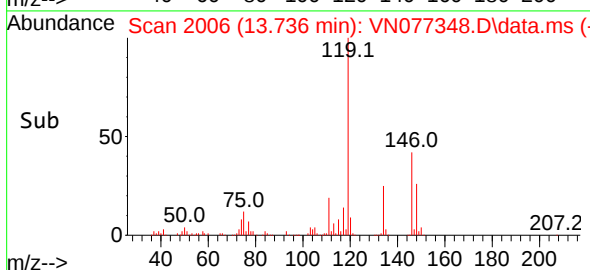
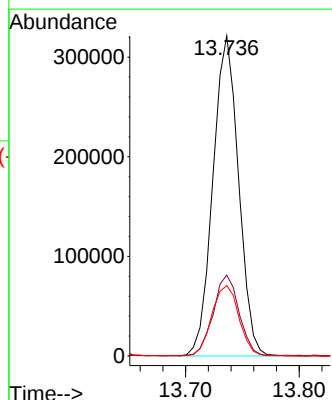
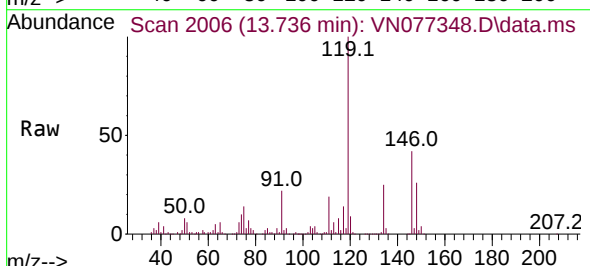
Tgt Ion:119 Resp: 503996

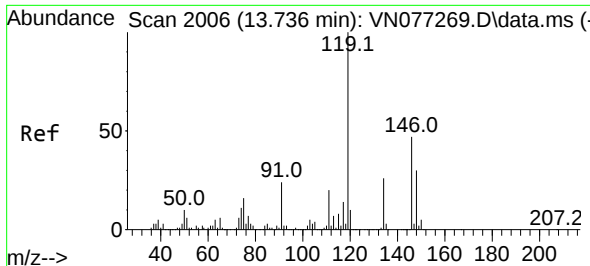
Ion Ratio Lower Upper

119 100

134 25.5 0.0 51.0

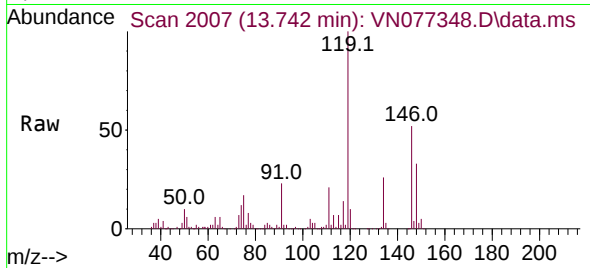
91 23.2 0.0 48.0





#83
1,3-Dichlorobenzene
Concen: 18.001 ug/l
RT: 13.742 min Scan# 2006
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



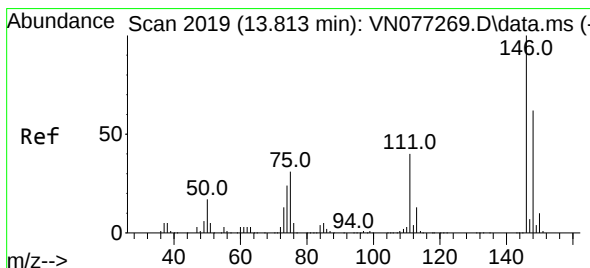
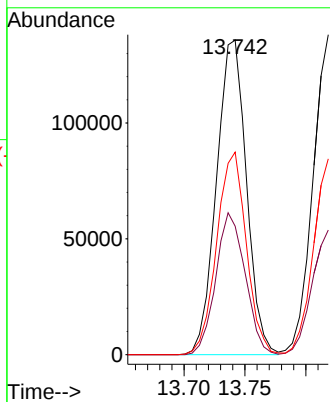
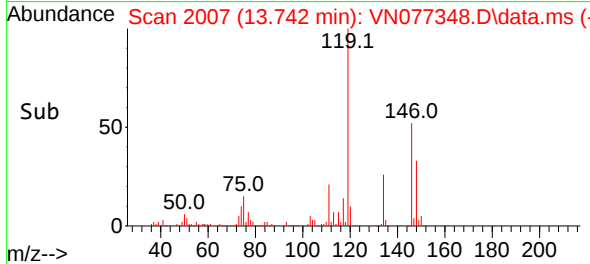
Tgt Ion:146 Resp: 23274
Ion Ratio Lower Upper
146 100
111 44.2 21.4 64.2
148 63.8 31.9 95.5

Manual Integrations
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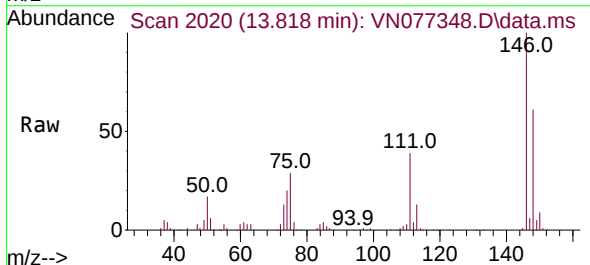
Reviewed By :John
Carlone

04/17/2023
Supervised By :Mahesh
Dadoda

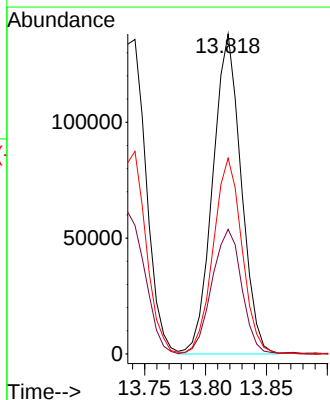
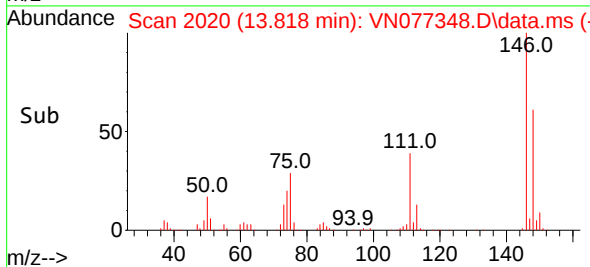
04/17/2023

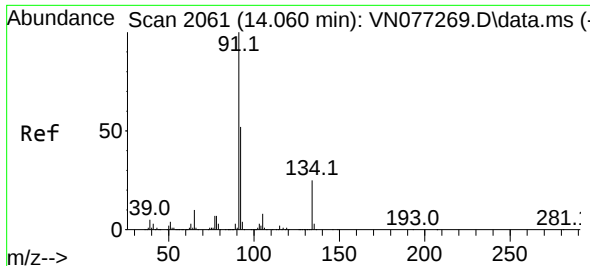


#84
1,4-Dichlorobenzene
Concen: 17.884 ug/l
RT: 13.818 min Scan# 2020
Delta R.T. 0.005 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22



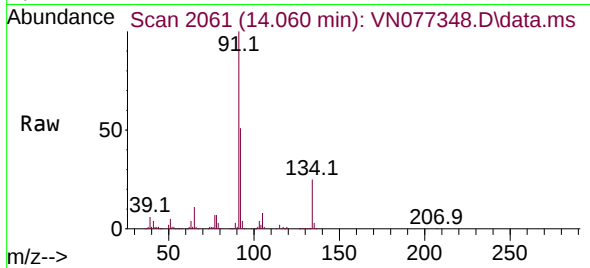
Tgt Ion:146 Resp: 224336
Ion Ratio Lower Upper
146 100
111 40.8 20.3 61.0
148 61.9 31.6 94.7





#85
n-Butylbenzene
Concen: 18.042 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



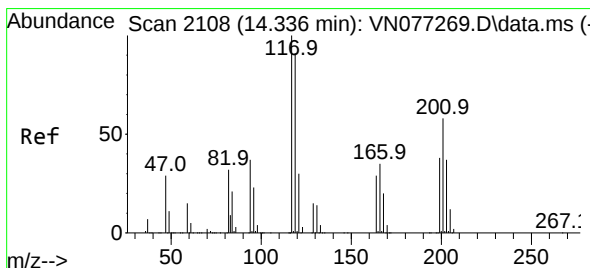
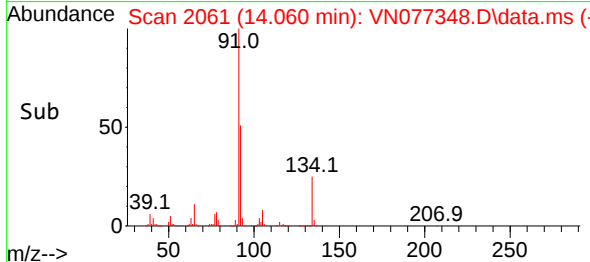
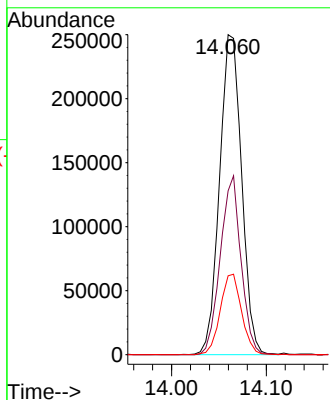
Tgt Ion: 91 Resp: 40555
Ion Ratio Lower Upper
91 100
92 52.4 0.0 105.6
134 24.3 0.0 49.4

Manual Integrations
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Reviewed By :John
Carlone

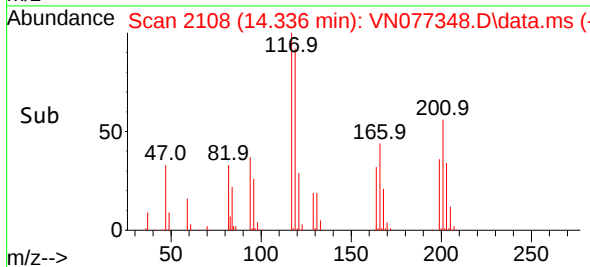
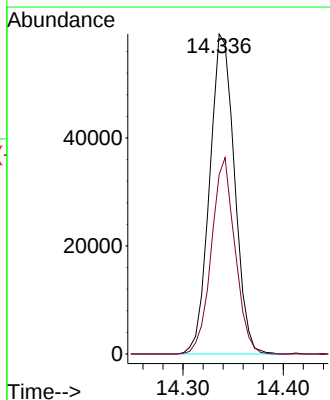
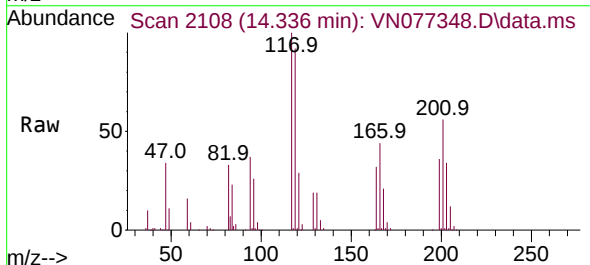
04/17/2023
Supervised By :Mahesh
Dadoda

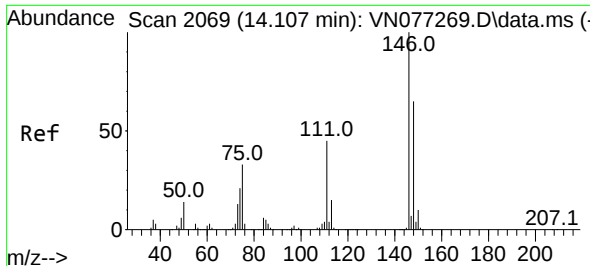
04/17/2023



#86
Hexachloroethane
Concen: 17.633 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion:117 Resp: 102033
Ion Ratio Lower Upper
117 100
201 58.2 29.1 87.4





#87
1,2-Dichlorobenzene
Concen: 18.508 ug/l
RT: 14.113 min Scan# 2069
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

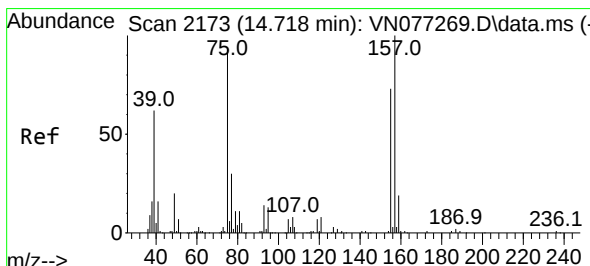
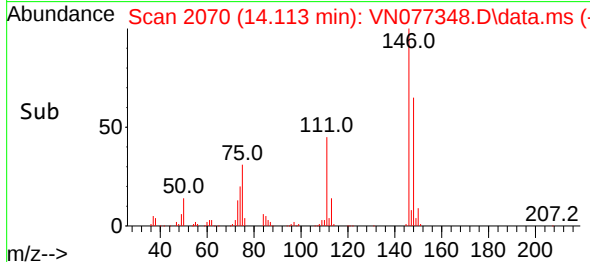
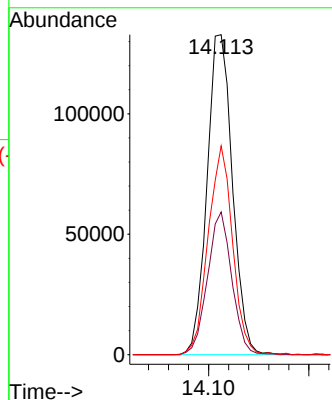
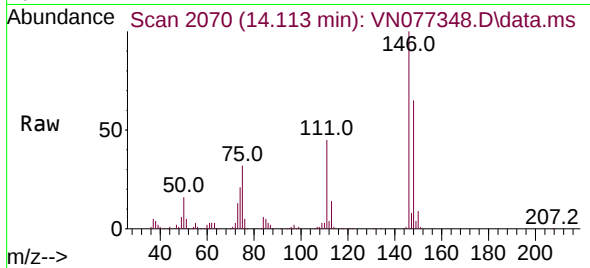
Tgt Ion:146 Resp: 234469
Ion Ratio Lower Upper
146 100
111 42.6 22.1 66.5
148 62.4 31.9 95.7

Manual Integrations
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Reviewed By :John
Carlone

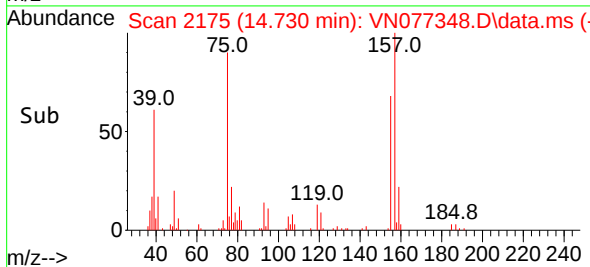
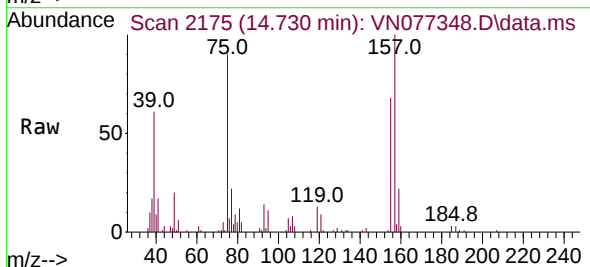
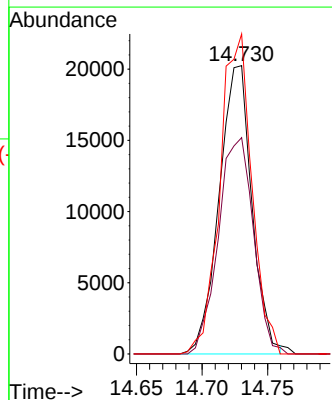
04/17/2023
Supervised By :Mahesh
Dadoda

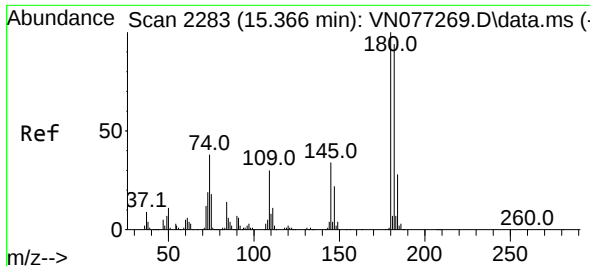
04/17/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.819 ug/l
RT: 14.730 min Scan# 2175
Delta R.T. 0.012 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion: 75 Resp: 35096
Ion Ratio Lower Upper
75 100
155 80.4 67.8 101.6
157 107.7 86.3 129.5





#89
1,2,4-Trichlorobenzene
Concen: 16.117 ug/l
RT: 15.371 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

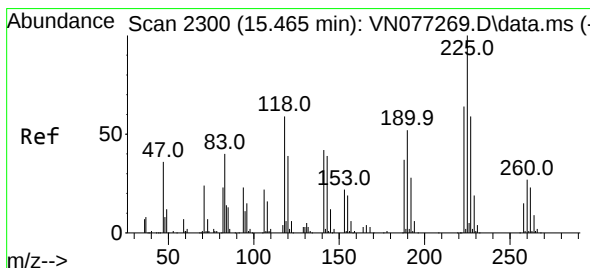
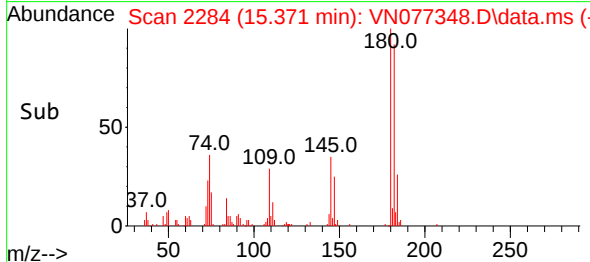
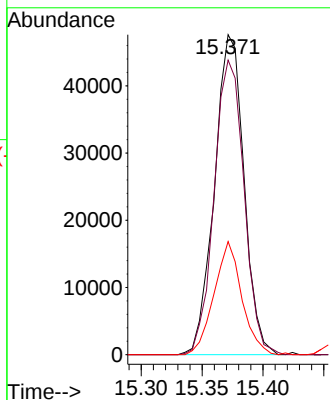
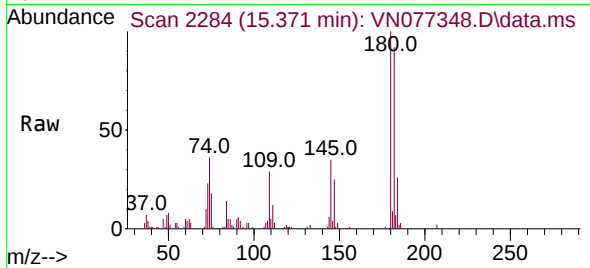
Tgt Ion:180 Resp: 80314
Ion Ratio Lower Upper
180 100
182 93.1 75.6 113.4
145 33.2 26.7 40.1

Manual Integrations
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Reviewed By :John
Carlone

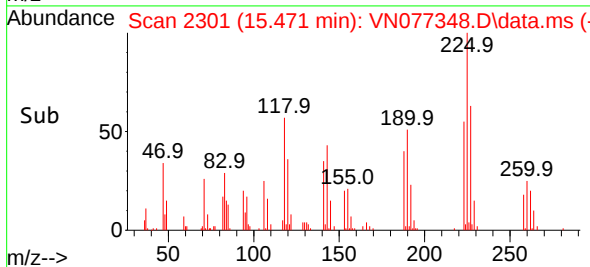
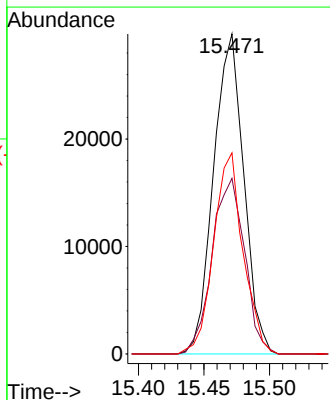
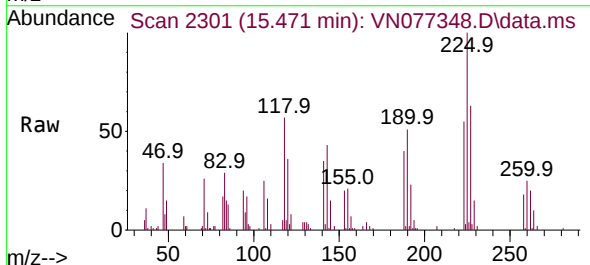
04/17/2023
Supervised By :Mahesh
Dadoda

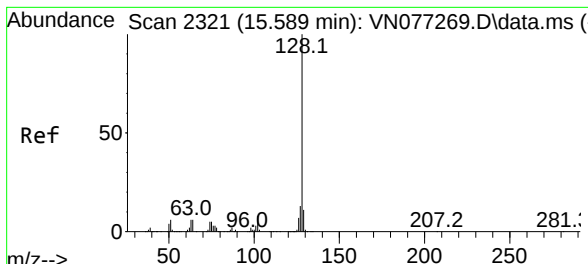
04/17/2023



#90
Hexachlorobutadiene
Concen: 18.682 ug/l
RT: 15.471 min Scan# 2301
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Tgt Ion:225 Resp: 47745
Ion Ratio Lower Upper
225 100
223 59.1 0.0 126.0
227 61.3 0.0 127.2





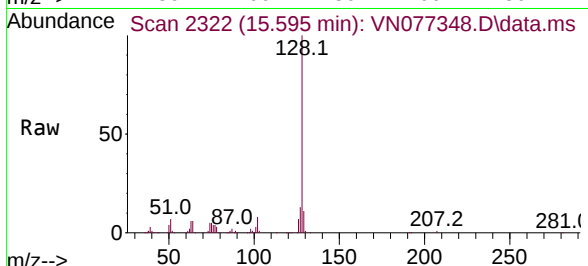
#91
Naphthalene
Concen: 16.144 ug/l
RT: 15.595 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion:128 Resp: 30734
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.1 8.9 13.3

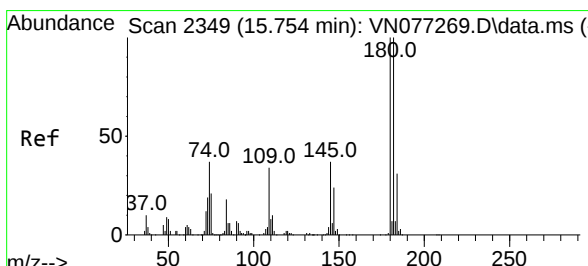
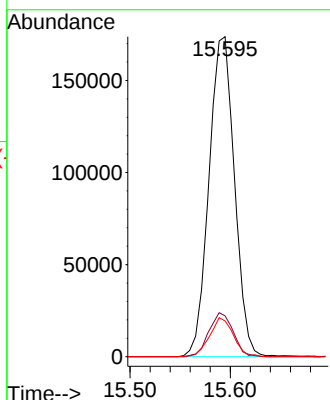
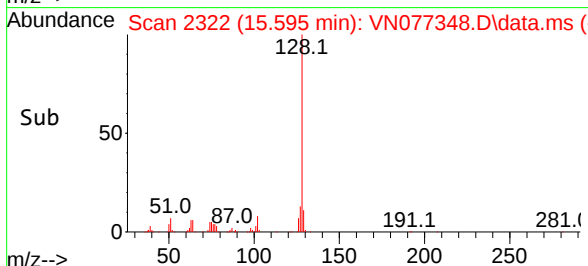
Manual Integrations
APPROVED

Reviewed By :John
Carlone

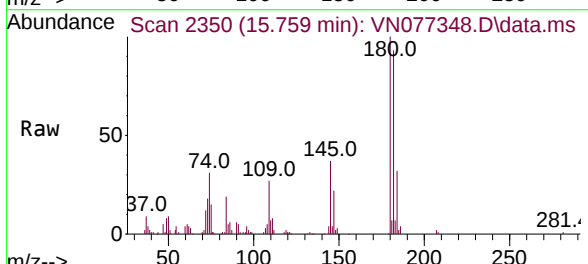
04/17/2023

Supervised By :Mahesh
Dadoda

04/17/2023



#92
1,2,3-Trichlorobenzene
Concen: 16.106 ug/l
RT: 15.759 min Scan# 2350
Delta R.T. 0.005 min
Lab File: VN077348.D
Acq: 14 Apr 2023 16:22



Tgt Ion:180 Resp: 78313
Ion Ratio Lower Upper
180 100
182 93.3 0.0 190.4
145 36.3 0.0 72.4

