

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072700.D
 Acq On : 08 Jun 2022 13:55
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jun 09 03:22:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

06/09/2022
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	D
-----							0
Internal Standards							
1) Bromochloromethane	7.651	128	33897	30.000	ug/l	0.00	
28) 1,4-Difluorobenzene	8.963	114	201091	30.000	ug/l	0.00	
57) Chlorobenzene-d5	11.745	117	183761	30.000	ug/l	0.00	
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.433	65	118705	30.706	ug/l	0.00	
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.367%	
60) 4-Bromofluorobenzene	12.727	95	104655	27.690	ug/l	0.00	
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.300%	
63) Toluene-d8	10.439	98	310573	30.510	ug/l	0.00	
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.700%	
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.069	85	49242	19.392	ug/l		96
3) Chloromethane	2.293	50	53276	19.294	ug/l		95
4) Vinyl Chloride	2.434	62	48041	19.295	ug/l		98
5) Bromomethane	2.840	94	27683	21.501	ug/l		99
6) Chloroethane	3.010	64	34387	20.714	ug/l		100
7) Trichlorofluoromethane	3.369	101	83821	18.623	ug/l		98
8) Diethyl Ether	3.816	74	34444	19.738	ug/l		90
9) 1,1,2-Trichlorotrifluo...	4.210	101	46995	19.819	ug/l		57
10) 1,1-Dichloroethene	4.175	96	40607	18.132	ug/l	#	81
11) Methyl Iodide	4.416	142	42111	18.781	ug/l		98
12) Methyl Acetate	4.851	43	97340	21.066	ug/l		92
13) Acrolein	4.034	56	39906	98.662	ug/l		100
14) Acrylonitrile	5.545	53	197046	104.618	ug/l		98
15) Acetone	4.281	58	52127	102.218	ug/l		94
16) Carbon Disulfide	4.528	76	96714	17.130	ug/l		100
17) Allyl chloride	4.828	41	95115	19.660	ug/l		86
18) Methylene Chloride	5.098	84	56997	20.268	ug/l		93
19) trans-1,2-Dichloroethene	5.593	96	45724	18.866	ug/l		87
20) Diisopropyl ether	6.492	45	202164	21.099	ug/l		95
21) 1,1-Dichloroethane	6.381	63	105563	19.830	ug/l		98
22) cis-1,2-Dichloroethene	7.322	96	60148	19.813	ug/l		92
23) tert-Butyl Alcohol	5.363	59	84245	96.116	ug/l	#	100
24) Methyl tert-Butyl Ether	5.604	73	200538	20.134	ug/l		95
25) Chloroform	7.810	83	110294	20.169	ug/l		99
26) Cyclohexane	8.092	56	84462	19.030	ug/l	#	92
29) 1,1-Dichloropropene	8.222	75	71714	18.708	ug/l		95
30) 2-Butanone	7.328	43	285767	103.011	ug/l		95
31) 2,2-Dichloropropane	7.316	77	90974	17.533	ug/l		95
32) 1,1,1-Trichloroethane	8.010	97	96457	19.231	ug/l		97
33) Carbon Tetrachloride	8.204	117	79932	18.480	ug/l		97
34) Benzene	8.457	78	227893	20.095	ug/l		97
35) Methacrylonitrile	7.634	41	58964	21.677	ug/l		90
36) 1,2-Dichloroethane	8.528	62	97077	20.262	ug/l		100
37) Trichloroethene	9.210	130	54075	19.779	ug/l		96
38) Methylcyclohexane	9.457	83	87782	19.183	ug/l		92
39) 1,2-Dichloropropane	9.486	63	63023	20.229	ug/l		92
40) Dibromomethane	9.575	93	43700	20.433	ug/l		94
41) Bromodichloromethane	9.757	83	91263	19.948	ug/l		94
42) Vinyl Acetate	6.428	43	933606	103.373	ug/l		98

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Manual Integrations
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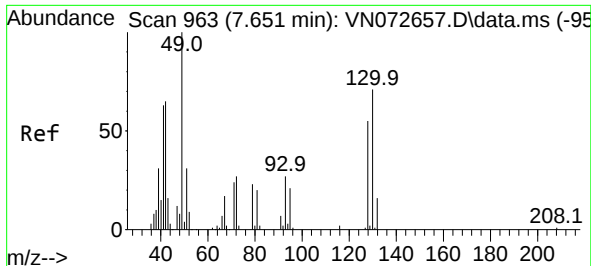
Reviewed By :John
 Carlone

06/09/2022
 Supervised By :Mahesh
 Dadoda

Quant Time: Jun 09 03:22:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	117042	22.020	ug/l	98
44) Isopropyl Acetate	8.557	43	182125	20.657	ug/l	99
45) 1,4-Dioxane	9.569	88	29050	400.951	ug/l #	85
46) Methyl methacrylate	9.557	41	78133	19.819	ug/l	89
47) n-amyl Acetate	12.386	43	129412	19.172	ug/l	96
48) t-1,3-Dichloropropene	10.716	75	100381	19.223	ug/l	95
49) cis-1,3-Dichloropropene	10.186	75	103143	19.451	ug/l	97
50) 1,1,2-Trichloroethane	10.892	97	61951	20.488	ug/l	91
51) Ethyl methacrylate	10.757	69	109795	20.046	ug/l	95
52) 1,3-Dichloropropane	11.039	76	112360	20.881	ug/l	100
53) Dibromochloromethane	11.233	129	66282	19.868	ug/l	98
54) 1,2-Dibromoethane	11.339	107	64005	20.131	ug/l	99
55) 2-Chloroethyl vinyl ether	10.039	63	220049	102.579	ug/l	98
56) Bromoform	12.457	173	45097	19.400	ug/l #	99
58) 4-Methyl-2-Pentanone	10.327	43	593483	107.678	ug/l	97
59) 2-Hexanone	11.080	43	438581	104.958	ug/l	98
61) Tetrachloroethene	10.975	164	47454	20.867	ug/l	95
62) Toluene	10.504	91	250186	20.079	ug/l	97
64) Chlorobenzene	11.769	112	150391	19.825	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.839	131	59367	19.850	ug/l	99
66) Ethyl Benzene	11.839	91	279484	19.537	ug/l	99
67) m/p-Xylenes	11.951	106	202648	38.838	ug/l	92
68) o-Xylene	12.280	106	104086	19.554	ug/l	91
69) Styrene	12.292	104	160984	19.052	ug/l	95
70) Isopropylbenzene	12.574	105	273270	19.647	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.821	83	98638	20.950	ug/l	96
72) 1,2,3-Trichloropropane	12.874	75	94640m	23.033	ug/l	
73) Bromobenzene	12.857	156	54181	19.162	ug/l	74
74) n-propylbenzene	12.916	91	299944	18.845	ug/l	98
75) 2-Chlorotoluene	13.004	91	186573	18.911	ug/l	93
76) 1,3,5-Trimethylbenzene	13.057	105	221019	19.360	ug/l	100
77) t-1,4-Dichloro-2-butene	12.621	75	31316	18.083	ug/l	97
78) 4-Chlorotoluene	13.104	91	173190	18.582	ug/l	92
79) tert-butylbenzene	13.321	119	193598	18.995	ug/l	97
80) 1,2,4-Trimethylbenzene	13.498	105	259858	18.878	ug/l	100
81) sec-Butylbenzene	13.498	105	259858	18.878	ug/l	99
82) p-Isopropyltoluene	13.610	119	205507	18.702	ug/l	98
83) 1,3-Dichlorobenzene	13.616	146	91590	18.503	ug/l	96
84) 1,4-Dichlorobenzene	13.692	146	90668	18.865	ug/l	97
85) n-Butylbenzene	13.939	91	172182	18.480	ug/l	97
86) Hexachloroethane	14.204	117	43543	17.907	ug/l	91
87) 1,2-Dichlorobenzene	13.986	146	92407	18.863	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.598	75	22422	18.994	ug/l	85
89) 1,2,4-Trichlorobenzene	15.262	180	44099	17.864	ug/l	95
90) Hexachlorobutadiene	15.368	225	20695	18.686	ug/l	96
91) Naphthalene	15.504	128	172538	17.517	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	47121	18.763	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

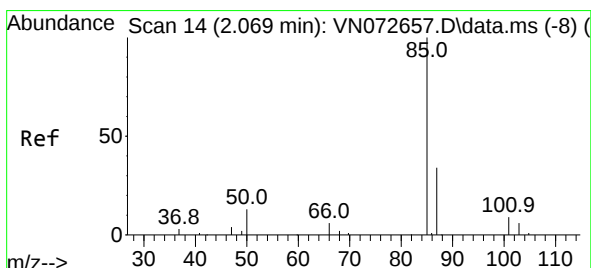
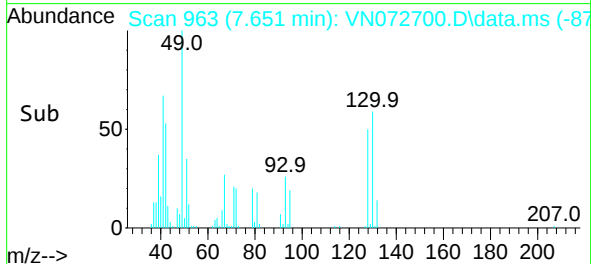
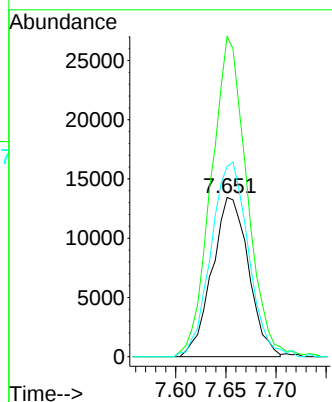
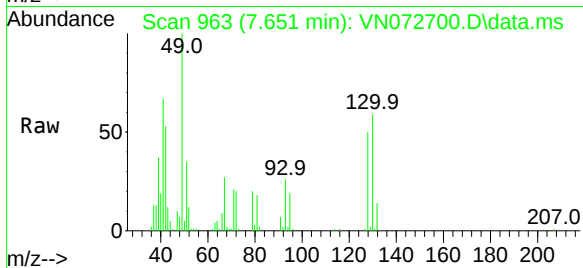
Tgt Ion:128 Resp: 3389
Ion Ratio Lower Upper
128 100
49 197.6 0.0 392.3
130 125.7 0.0 320.2

Manual Integrations
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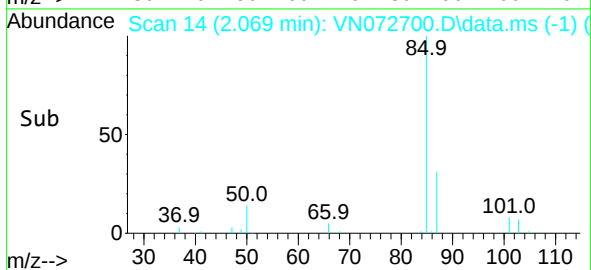
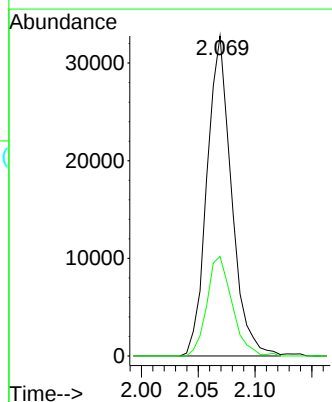
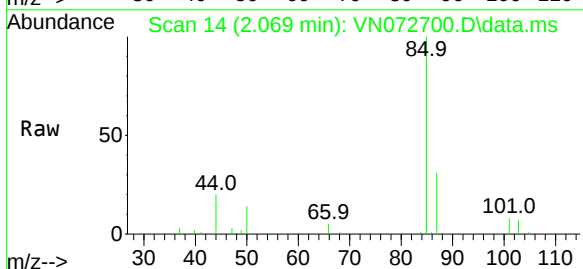
06/09/2022
Supervised By :Mahesh
Dadoda

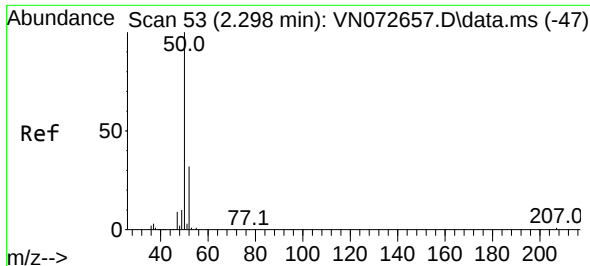
06/09/2022



#2
Dichlorodifluoromethane
Concen: 19.392 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

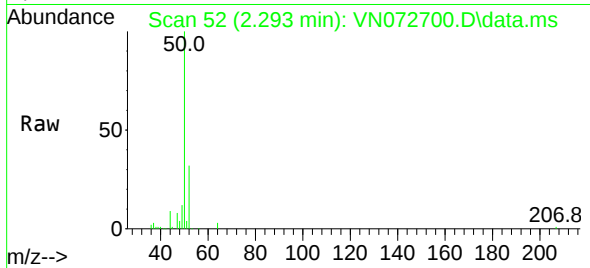
Tgt Ion: 85 Resp: 49242
Ion Ratio Lower Upper
85 100
87 31.1 16.6 49.7





#3
Chloromethane
Concen: 19.294 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



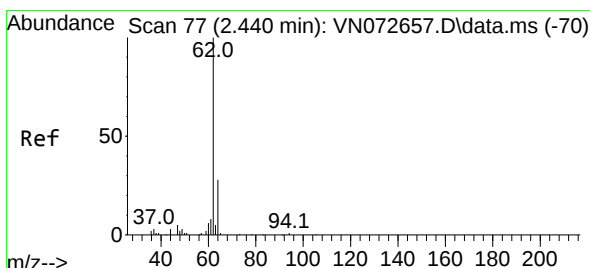
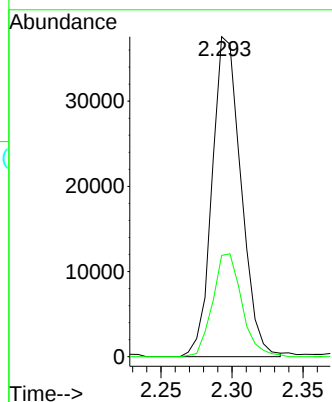
Tgt Ion: 50 Resp: 53270
Ion Ratio Lower Upper
50 100
52 31.7 27.8 41.6

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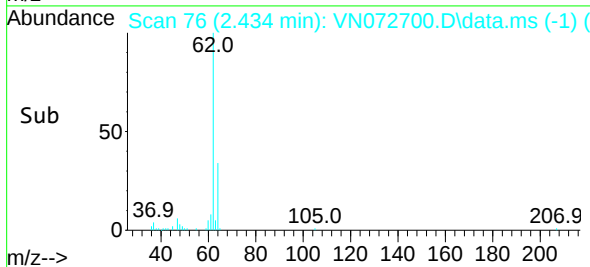
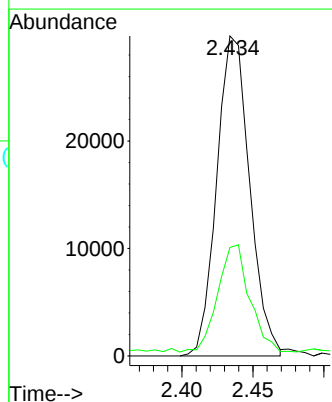
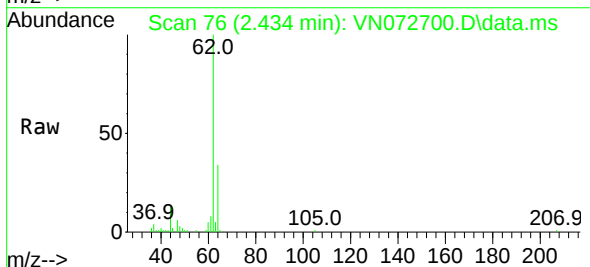
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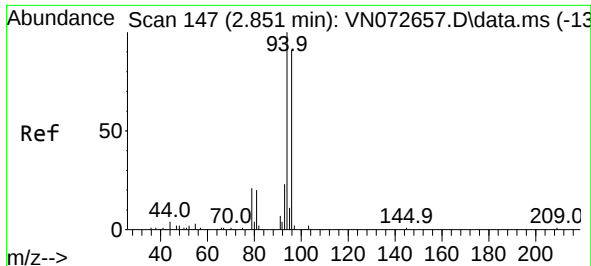
06/09/2022



#4
Vinyl Chloride
Concen: 19.295 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.006 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

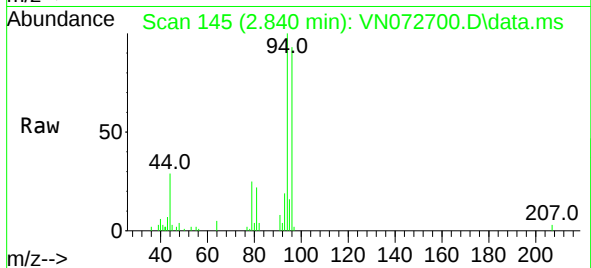
Tgt Ion: 62 Resp: 48041
Ion Ratio Lower Upper
62 100
64 32.7 25.1 37.7





#5
Bromomethane
Concen: 21.501 ug/l
RT: 2.840 min Scan# 147
Delta R.T. -0.012 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



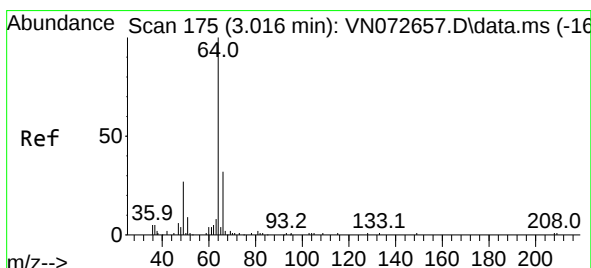
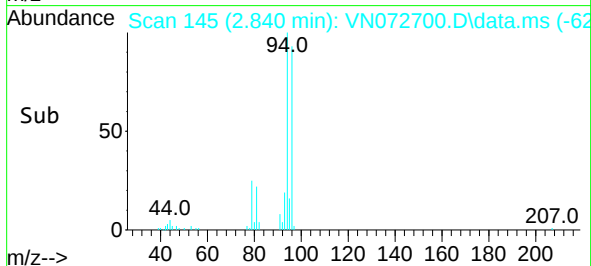
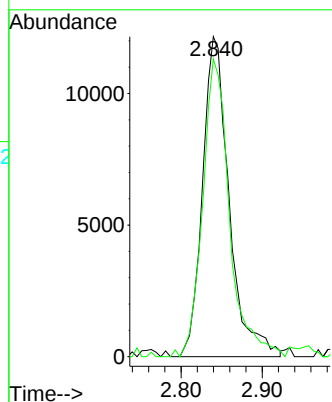
Tgt Ion: 94 Resp: 2768
Ion Ratio Lower Upper
94 100
96 93.1 75.2 112.8

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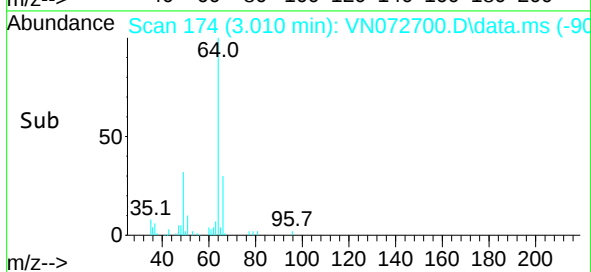
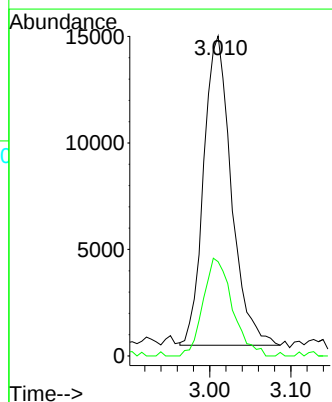
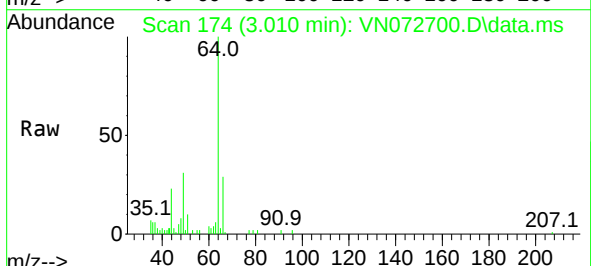
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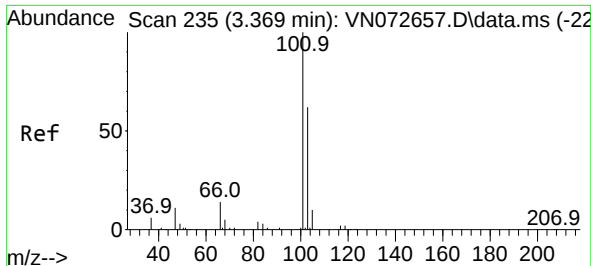
06/09/2022



#6
Chloroethane
Concen: 20.714 ug/l
RT: 3.010 min Scan# 174
Delta R.T. -0.006 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Tgt Ion: 64 Resp: 34387
Ion Ratio Lower Upper
64 100
66 30.5 24.6 36.8





#7
Trichlorofluoromethane
Concen: 18.623 ug/l
RT: 3.369 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

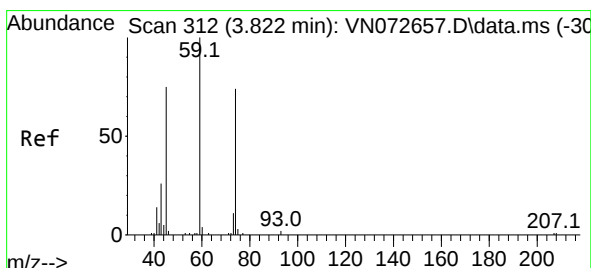
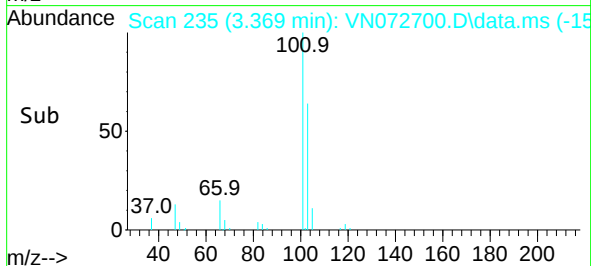
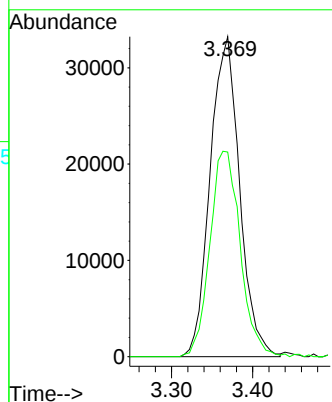
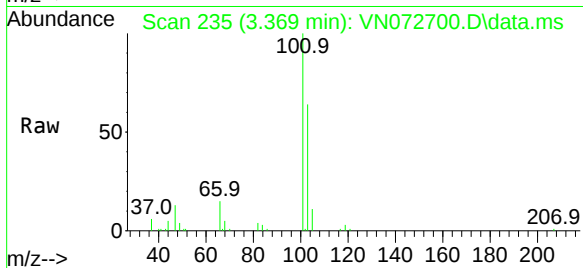
Tgt Ion:101 Resp: 8382
Ion Ratio Lower Upper
101 100
103 63.9 50.1 75.1

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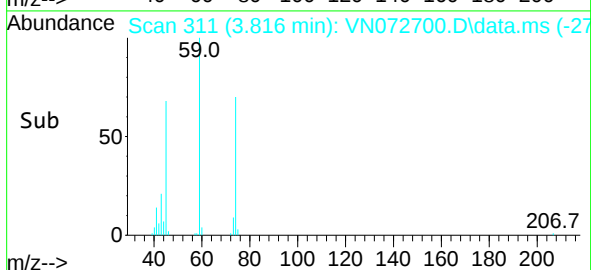
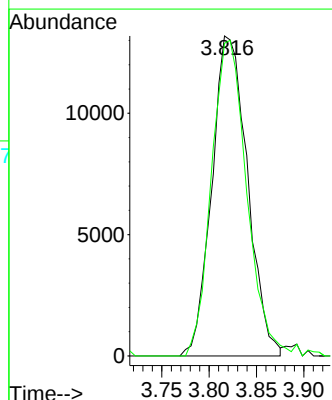
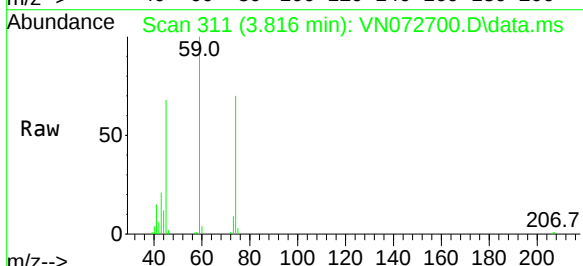
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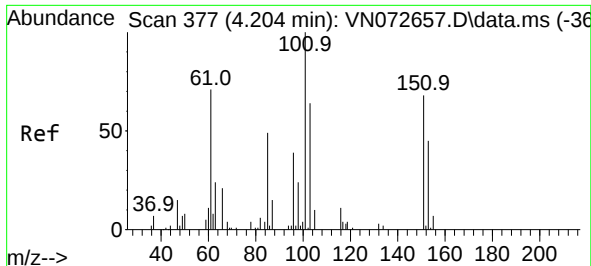
06/09/2022



#8
Diethyl Ether
Concen: 19.738 ug/l
RT: 3.816 min Scan# 311
Delta R.T. -0.006 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Tgt Ion: 74 Resp: 34444
Ion Ratio Lower Upper
74 100
45 97.7 17.6 158.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.819 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

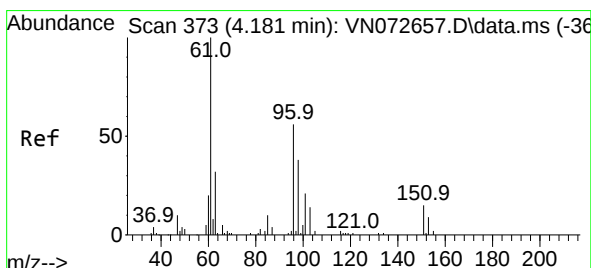
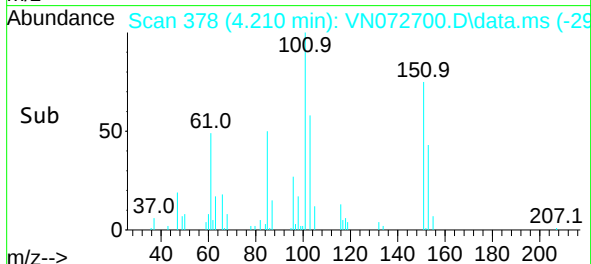
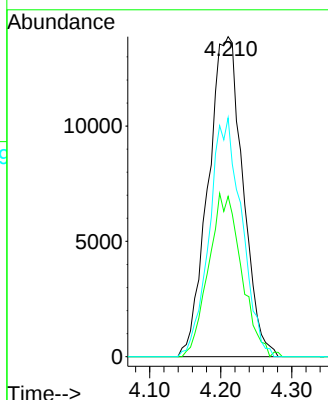
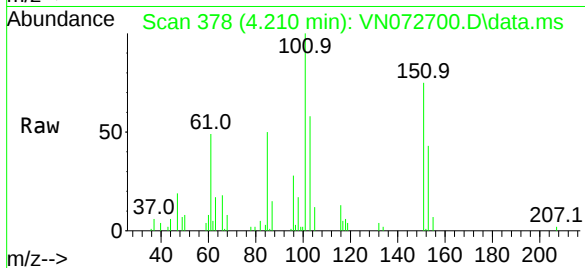
Tgt Ion:101 Resp: 4699
Ion Ratio Lower Upper
101 100
85 24.9 0.0 94.0
151 69.9 0.0 74.6

Manual Integrations
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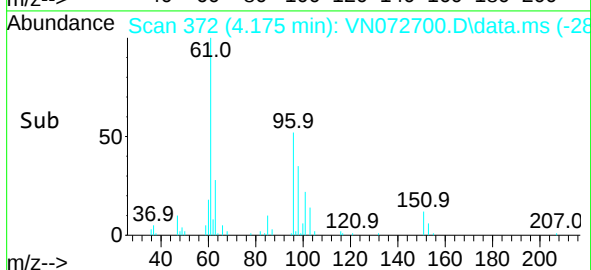
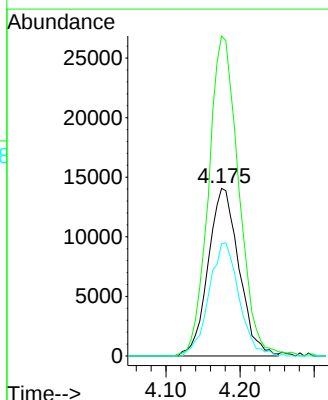
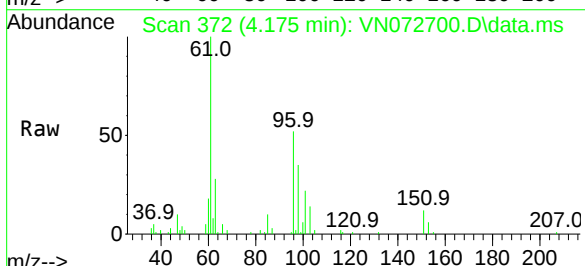
06/09/2022
Supervised By :Mahesh
Dadoda

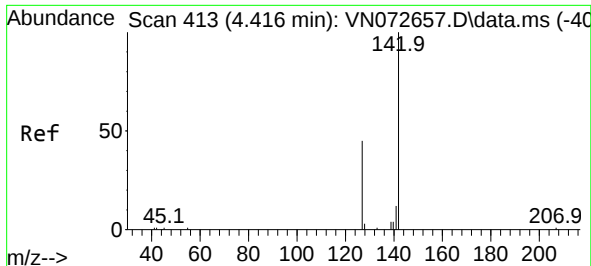
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#10
1,1-Dichloroethene
Concen: 18.132 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.006 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

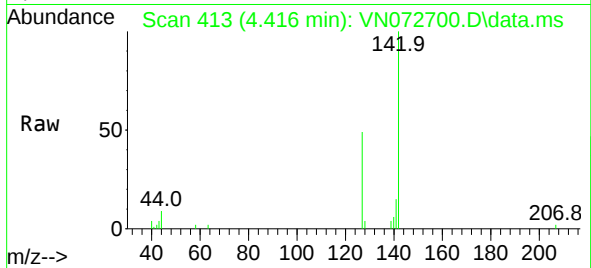
Tgt Ion: 96 Resp: 40607
Ion Ratio Lower Upper
96 100
61 189.9 126.2 189.4#
98 67.0 50.9 76.3





#11
Methyl Iodide
Concen: 18.781 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



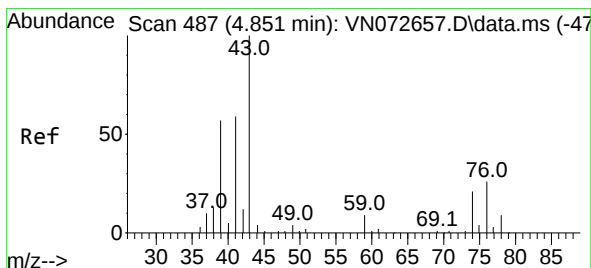
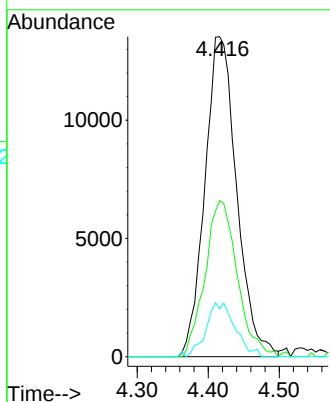
Tgt Ion:142 Resp: 4211
Ion Ratio Lower Upper
142 100
127 49.2 24.0 72.0
141 15.0 8.4 25.2

Manual Integrations
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Reviewed By :John
Carlone

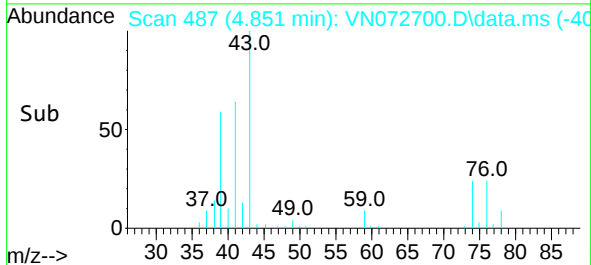
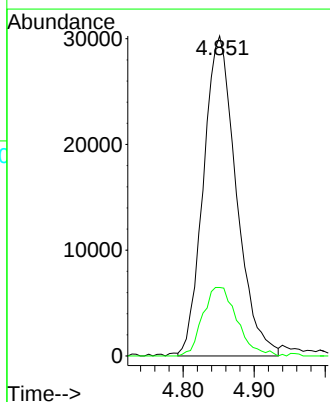
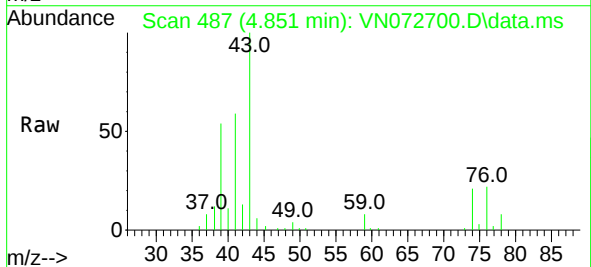
06/09/2022
Supervised By :Mahesh
Dadoda

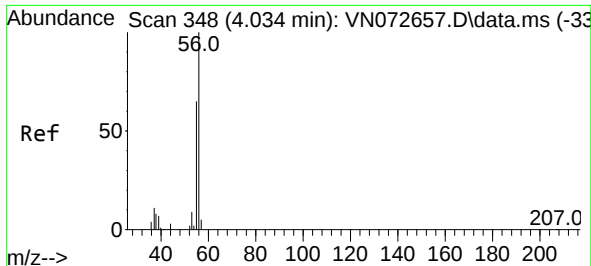
06/09/2022



#12
Methyl Acetate
Concen: 21.066 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

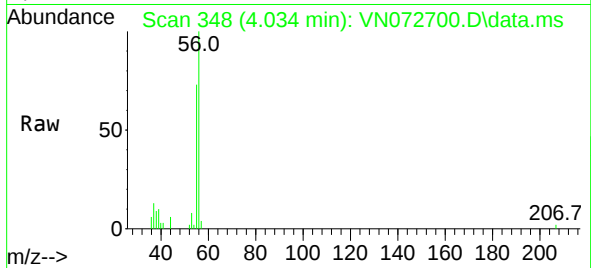
Tgt Ion: 43 Resp: 97340
Ion Ratio Lower Upper
43 100
74 21.8 20.8 31.2





#13
Acrolein
Concen: 98.662 ug/l
RT: 4.034 min Scan# 348
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



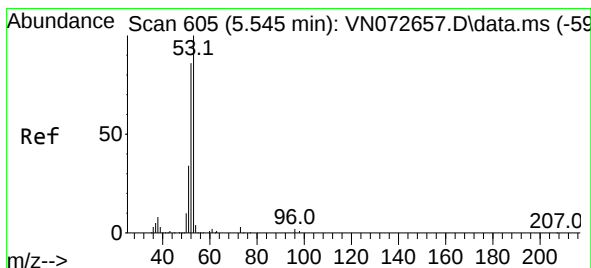
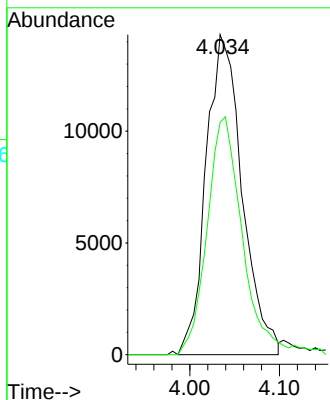
Tgt Ion: 56 Resp: 39900
Ion Ratio Lower Upper
56 100
55 71.9 57.6 86.4

Manual Integrations
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Reviewed By :John
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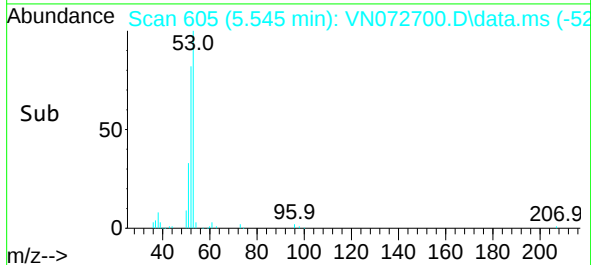
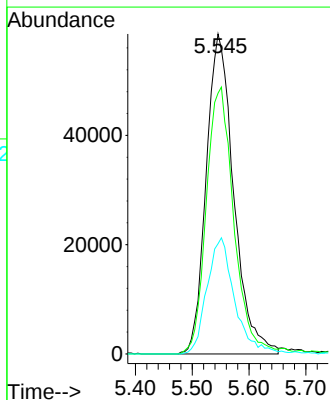
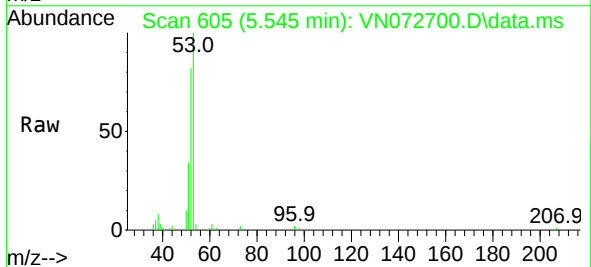
06/09/2022
Supervised By :Mahesh
Dadoda

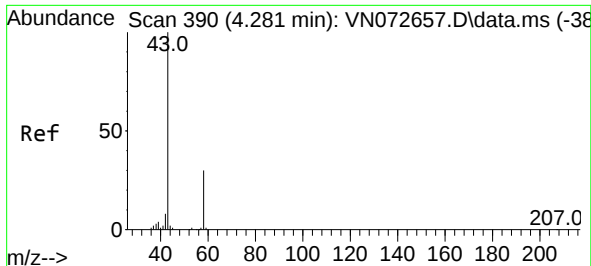
06/09/2022



#14
Acrylonitrile
Concen: 104.618 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

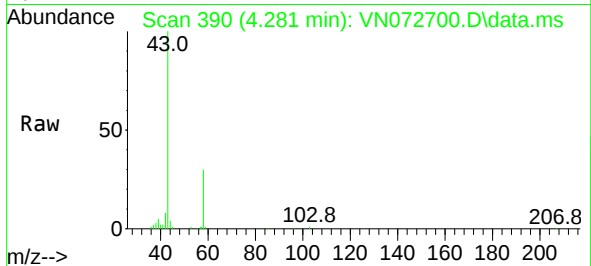
Tgt Ion: 53 Resp: 197046
Ion Ratio Lower Upper
53 100
52 83.0 41.8 125.4
51 35.2 19.0 57.0





#15
Acetone
Concen: 102.218 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



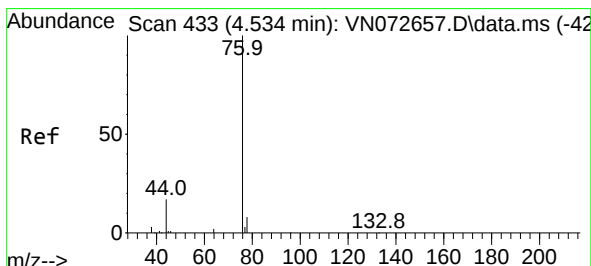
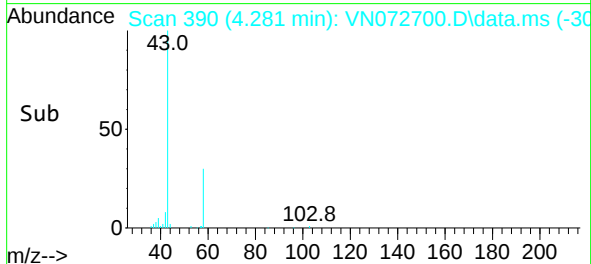
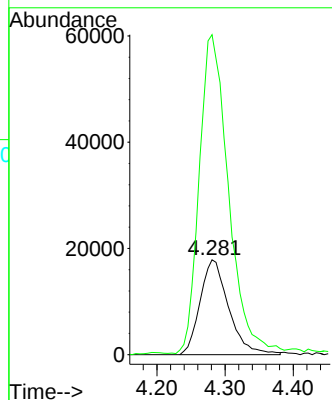
Tgt Ion: 58 Resp: 5212
Ion Ratio Lower Upper
58 100
43 332.2 256.6 384.8

Manual Integrations
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Reviewed By :John
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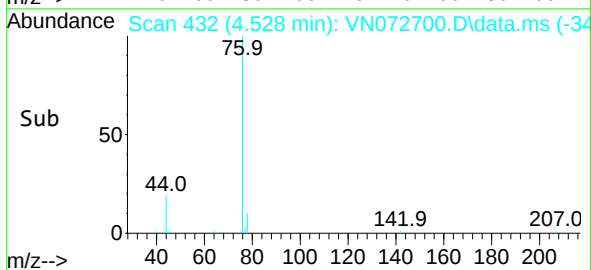
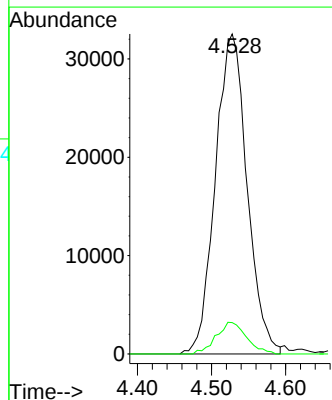
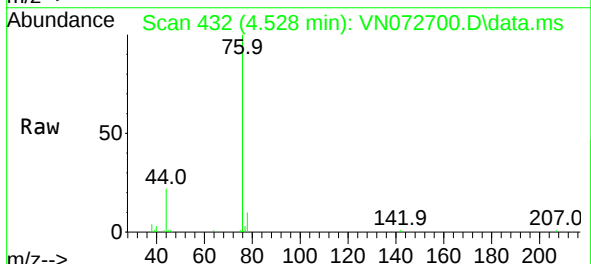
06/09/2022
Supervised By :Mahesh
Dadoda

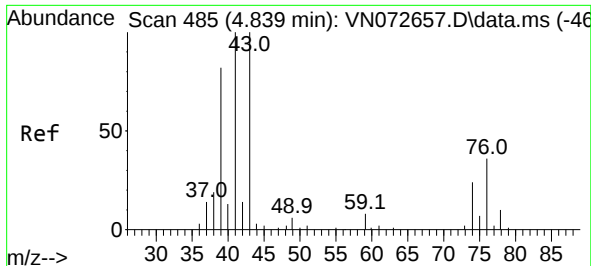
06/09/2022



#16
Carbon Disulfide
Concen: 17.130 ug/l
RT: 4.528 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Tgt Ion: 76 Resp: 96714
Ion Ratio Lower Upper
76 100
78 9.8 7.8 11.8





#17

Allyl chloride

Concen: 19.660 ug/l

RT: 4.828 min Scan# 41

Delta R.T. -0.012 min

Lab File: VN072700.D

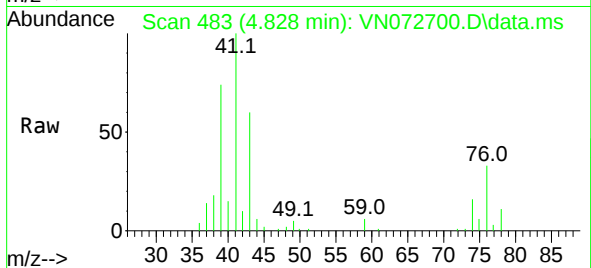
Acq: 08 Jun 2022 13:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



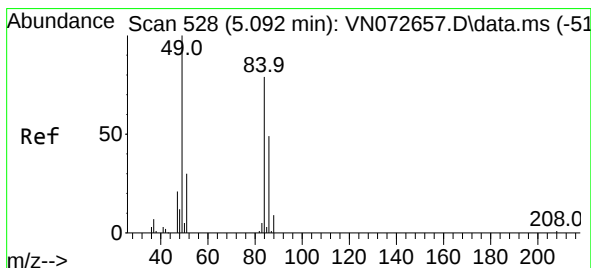
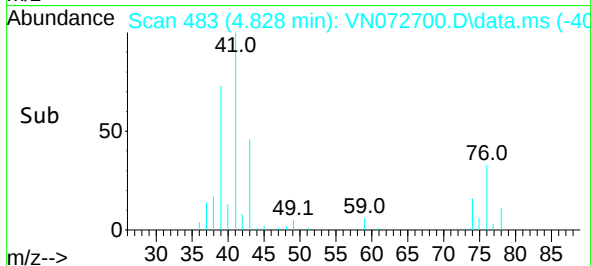
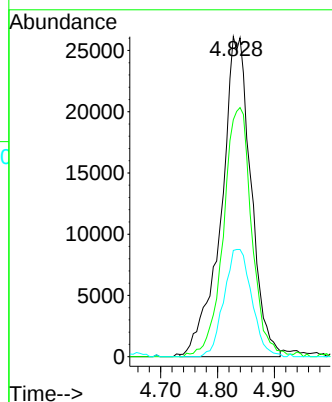
Tgt Ion:	41	Resp:	9511
Ion	Ratio	Lower	Upper
41	100		
39	74.6	44.6	134.0
76	33.4	19.6	58.7

Manual Integrations
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Reviewed By :John
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Supervised By :Mahesh
Dadoda

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#18

Methylene Chloride

Concen: 20.268 ug/l

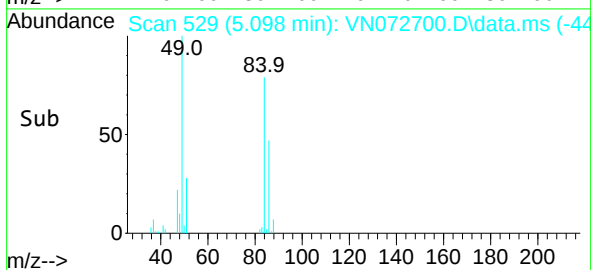
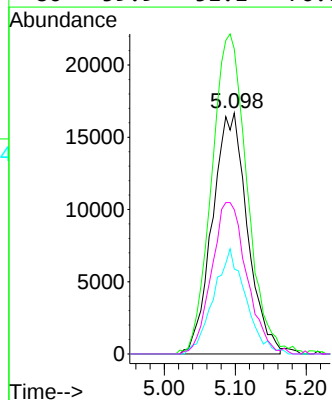
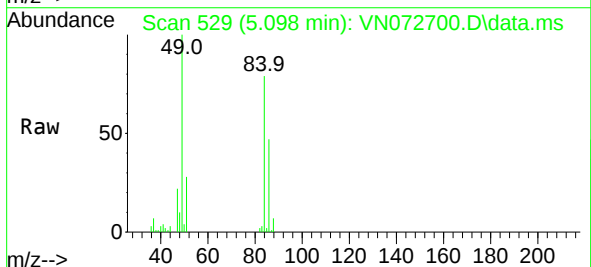
RT: 5.098 min Scan# 529

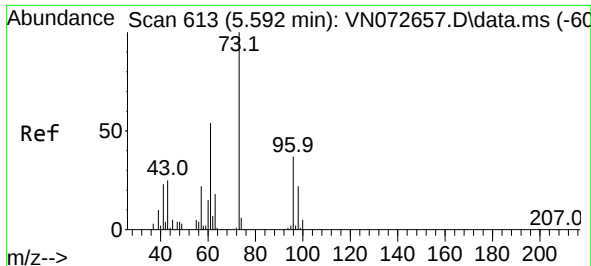
Delta R.T. 0.006 min

Lab File: VN072700.D

Acq: 08 Jun 2022 13:55

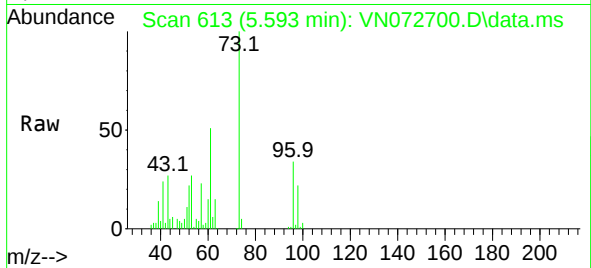
Tgt Ion:	84	Resp:	56997
Ion	Ratio	Lower	Upper
84	100		
49	125.0	91.4	137.0
51	35.3	29.4	44.0
86	59.9	51.1	76.7





#19
trans-1,2-Dichloroethene
Concen: 18.866 ug/l
RT: 5.593 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



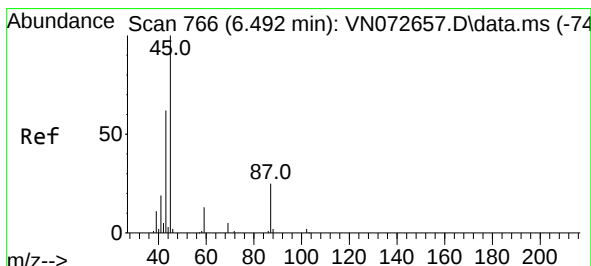
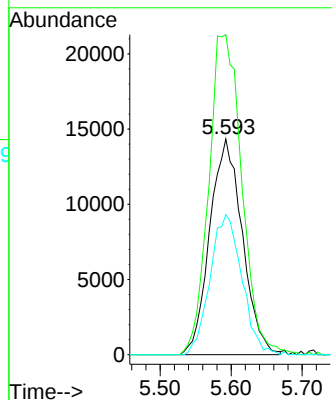
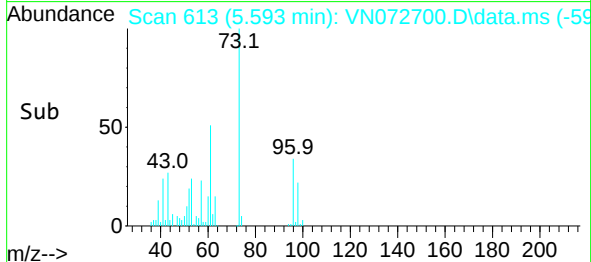
Tgt Ion: 96 Resp: 45724
Ion Ratio Lower Upper
96 100
61 148.4 102.8 154.2
98 64.9 49.3 73.9

Manual Integrations
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Reviewed By :John
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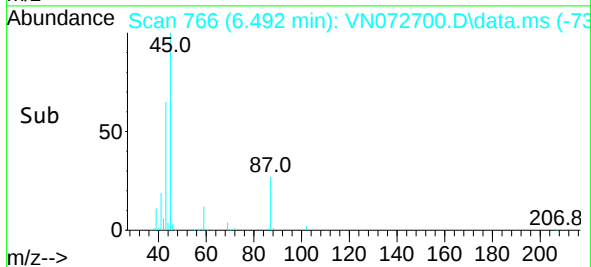
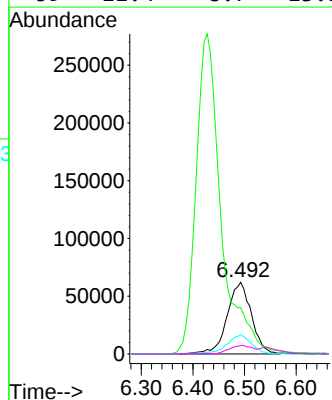
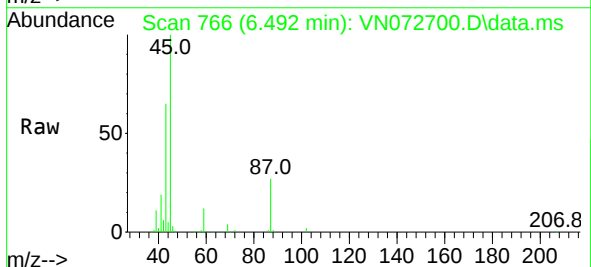
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Supervised By :Mahesh
Dadoda

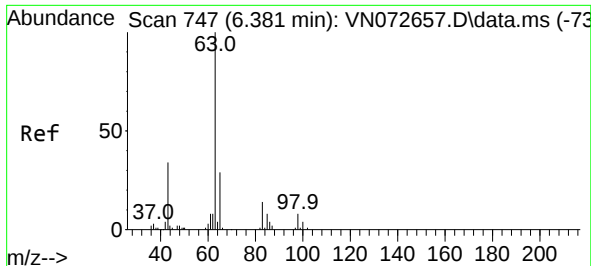
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#20
Diisopropyl ether
Concen: 21.099 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

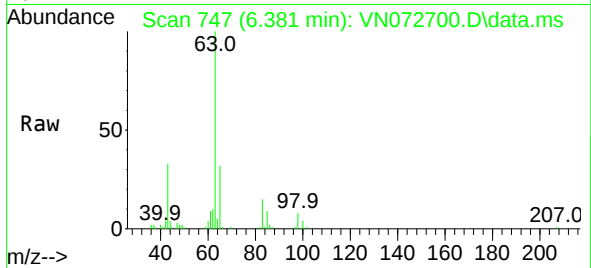
Tgt Ion: 45 Resp: 202164
Ion Ratio Lower Upper
45 100
43 60.4 51.0 76.4
87 26.8 25.0 37.4
59 11.4 8.7 13.1





#21
1,1-Dichloroethane
Concen: 19.830 ug/l
RT: 6.381 min Scan# 747
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



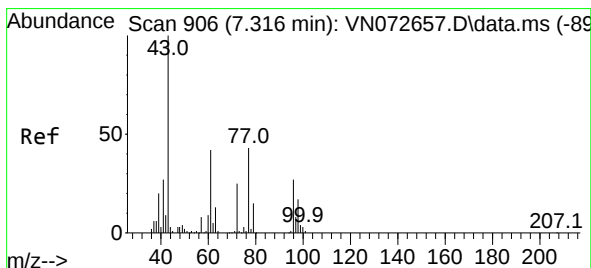
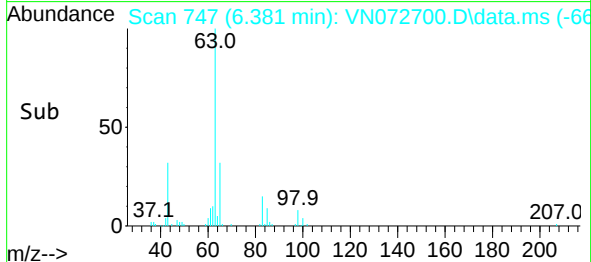
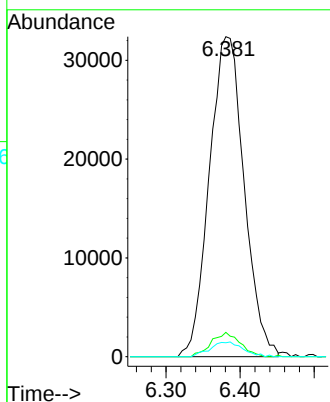
Tgt Ion: 63 Resp: 10556
Ion Ratio Lower Upper
63 100
98 7.6 3.2 9.6
100 4.3 2.1 6.2

Manual Integrations
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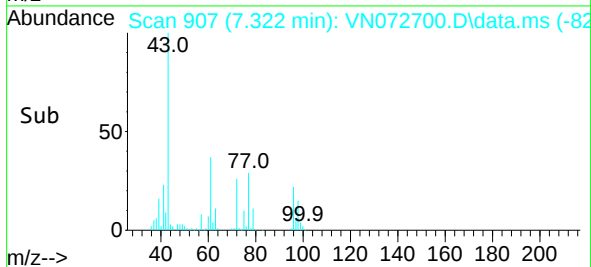
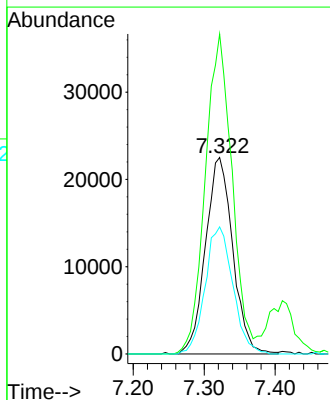
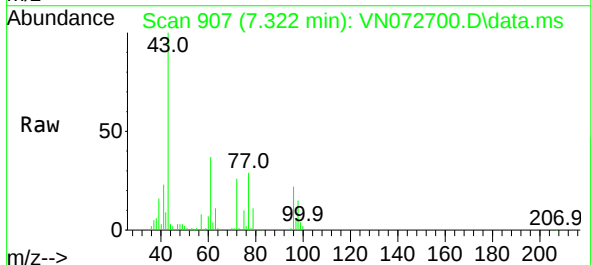
06/09/2022
Supervised By :Mahesh
Dadoda

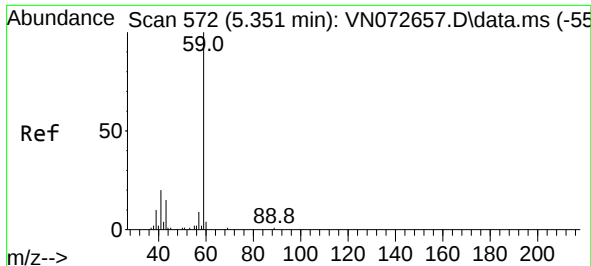
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#22
cis-1,2-Dichloroethene
Concen: 19.813 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Tgt Ion: 96 Resp: 60148
Ion Ratio Lower Upper
96 100
61 158.8 115.7 173.5
98 65.5 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 96.116 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

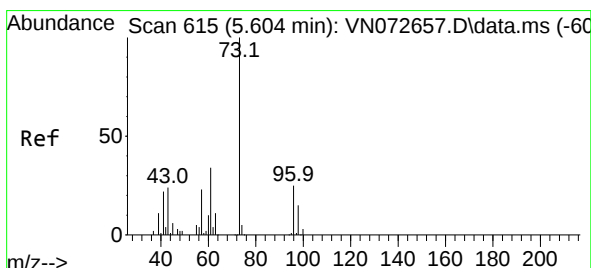
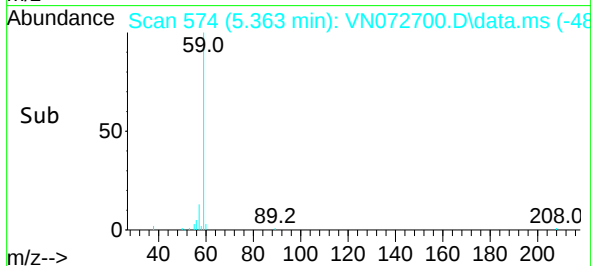
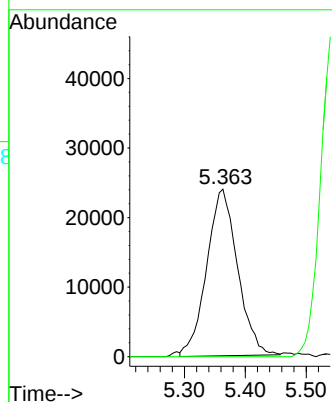
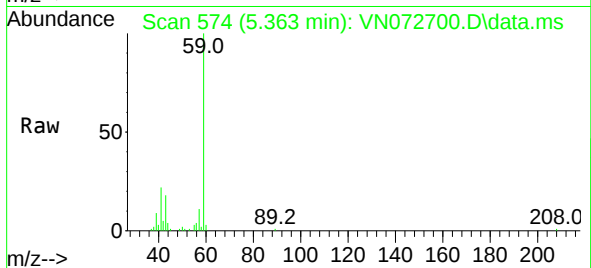
Tgt Ion: 59 Resp: 8424
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

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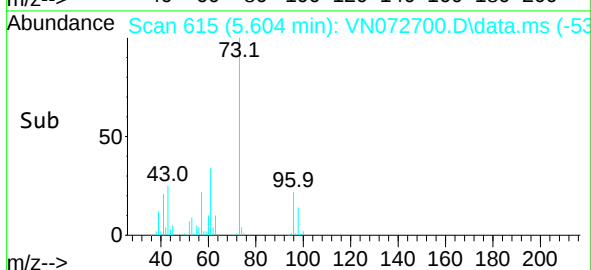
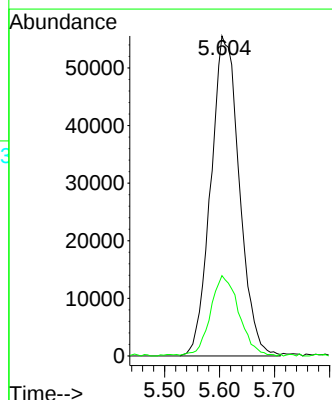
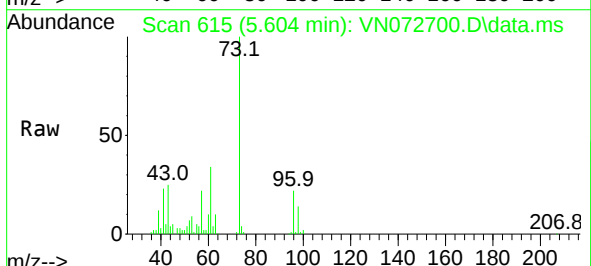
06/09/2022
Supervised By :Mahesh
Dadoda

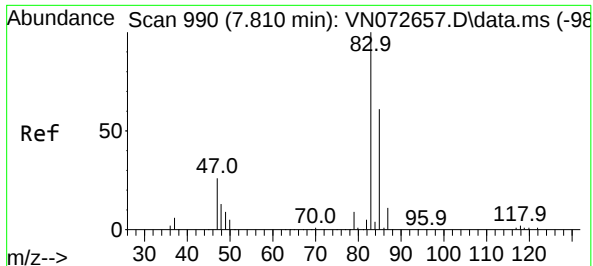
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#24
Methyl tert-Butyl Ether
Concen: 20.134 ug/l
RT: 5.604 min Scan# 615
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Tgt Ion: 73 Resp: 200538
Ion Ratio Lower Upper
73 100
43 25.0 18.1 27.1





#25

Chloroform

Concen: 20.169 ug/l

RT: 7.810 min Scan# 990

Delta R.T. 0.000 min

Lab File: VN072700.D

Acq: 08 Jun 2022 13:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

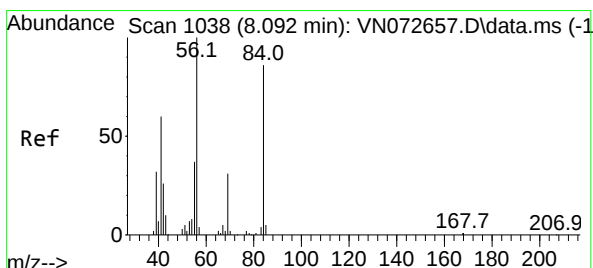
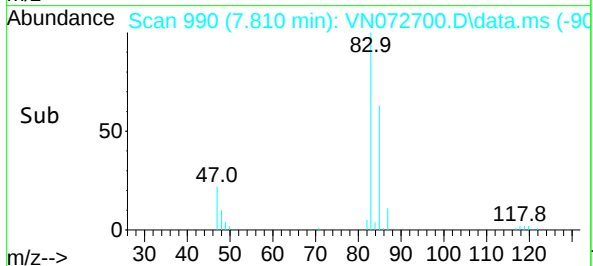
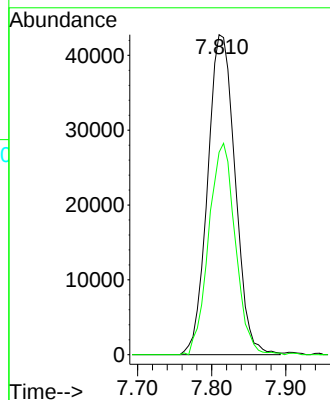
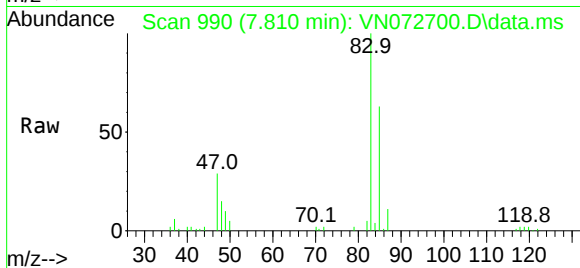
Tgt Ion: 83 Resp: 110294
 Ion Ratio Lower Upper
 83 100
 85 63.3 51.3 76.9

Manual Integrations
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 Dadoda

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#26

Cyclohexane

Concen: 19.030 ug/l

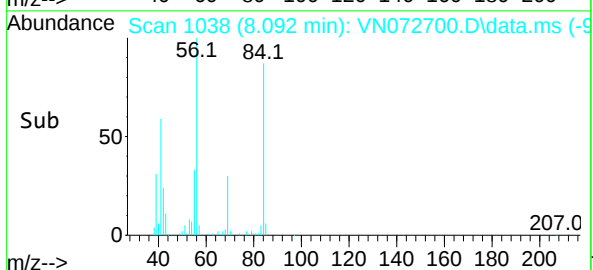
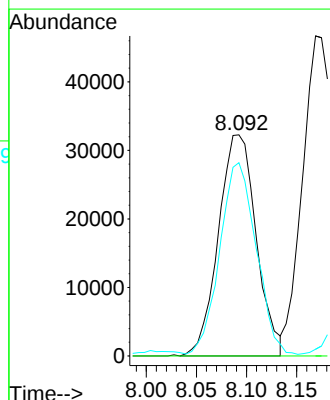
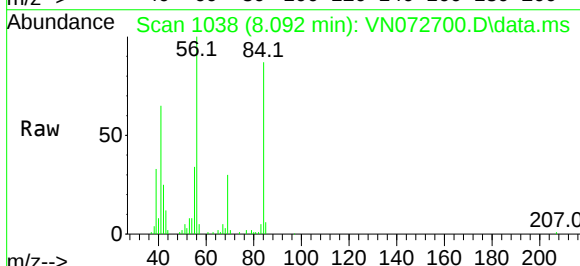
RT: 8.092 min Scan# 1038

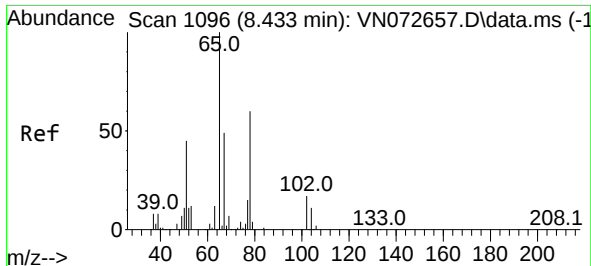
Delta R.T. 0.000 min

Lab File: VN072700.D

Acq: 08 Jun 2022 13:55

Tgt Ion: 56 Resp: 84462
 Ion Ratio Lower Upper
 56 100
 89 0.0 0.1 0.1#
 84 85.1 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 30.706 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN072700.D

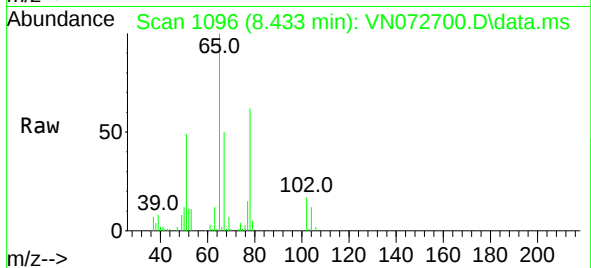
Acq: 08 Jun 2022 13:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 65 Resp: 11870

Ion Ratio Lower Upper

65 100

67 50.0 40.2 60.2

Manual Integrations

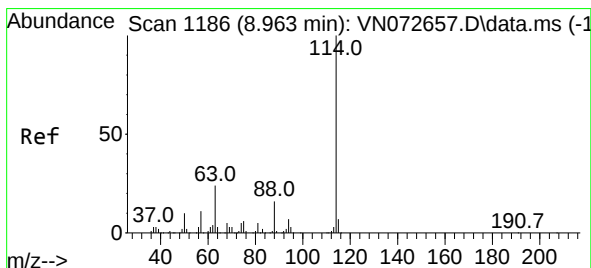
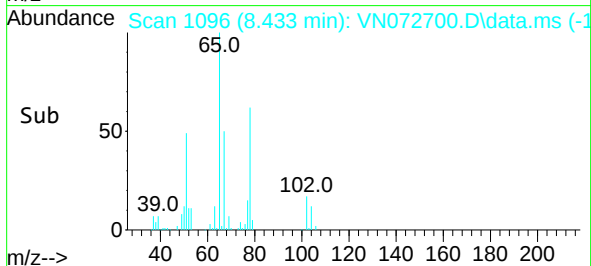
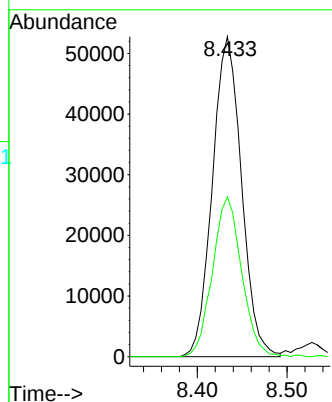
APPROVED

Reviewed By :John
Carlone

06/09/2022

Supervised By :Mahesh
Dadoda

06/09/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072700.D

Acq: 08 Jun 2022 13:55

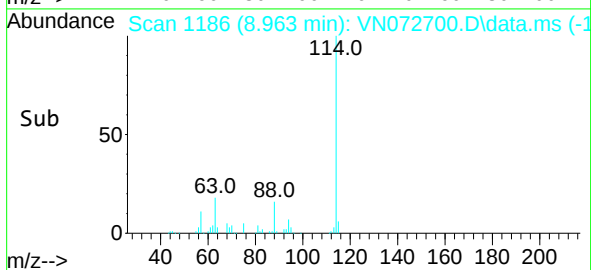
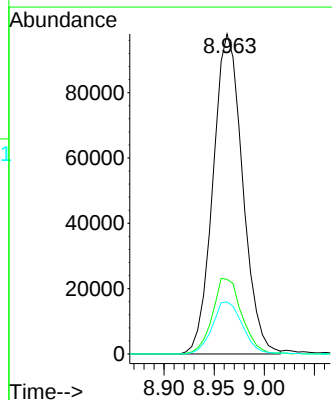
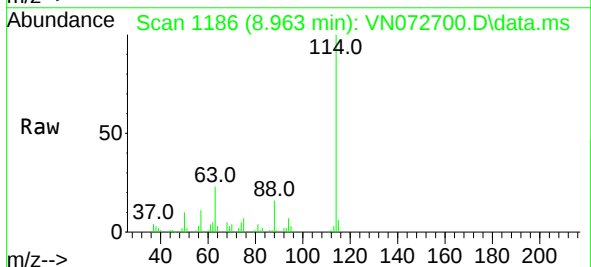
Tgt Ion:114 Resp: 201091

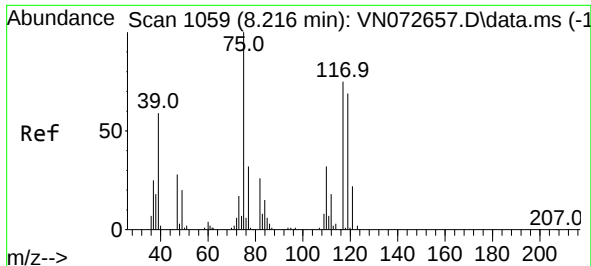
Ion Ratio Lower Upper

114 100

63 23.5 15.8 23.6

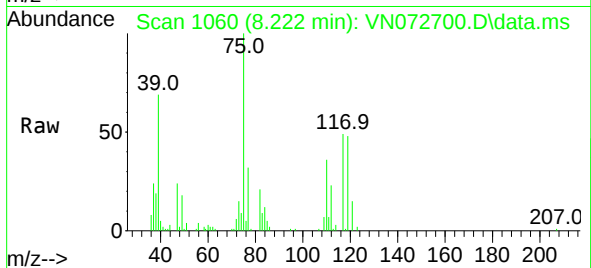
88 16.6 11.6 17.4





#29
1,1-Dichloropropene
Concen: 18.708 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



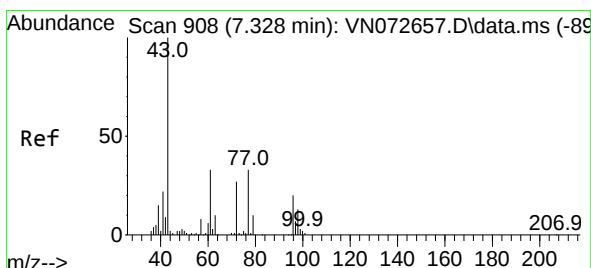
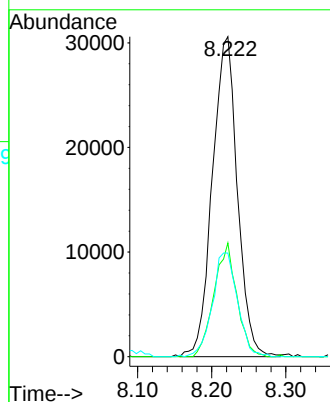
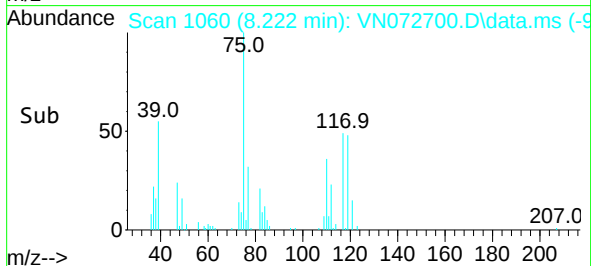
Tgt Ion: 75 Resp: 71714
Ion Ratio Lower Upper
75 100
110 32.5 0.0 74.2
77 32.5 0.0 63.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

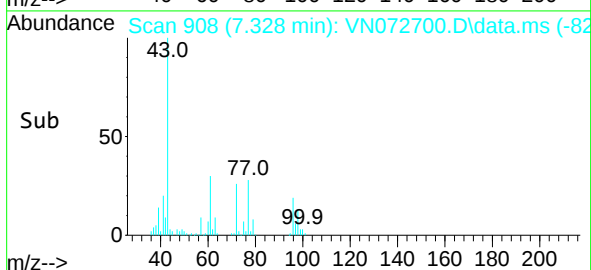
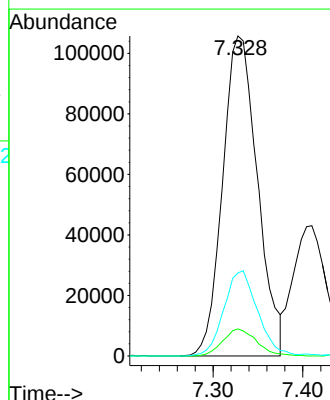
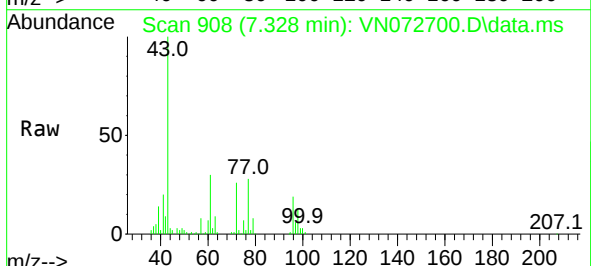
06/09/2022
Supervised By :Mahesh
Dadoda

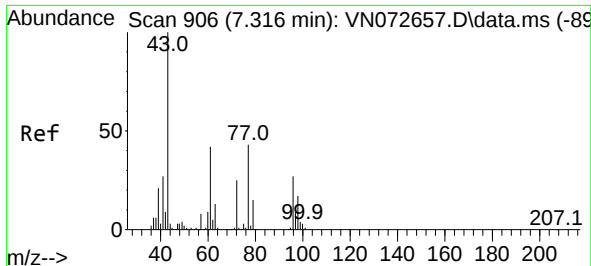
06/09/2022



#30
2-Butanone
Concen: 103.011 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

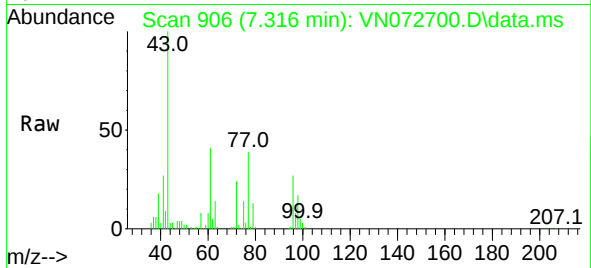
Tgt Ion: 43 Resp: 285767
Ion Ratio Lower Upper
43 100
57 8.2 6.7 10.1
72 25.7 23.2 34.8





#31
2,2-Dichloropropane
Concen: 17.533 ug/l
RT: 7.316 min Scan# 906
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



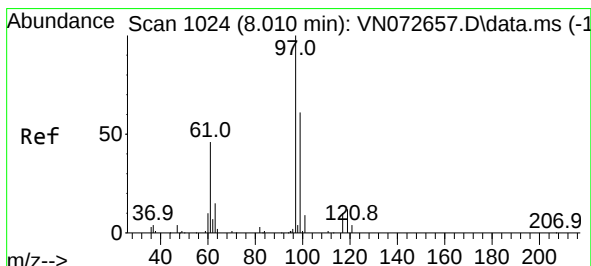
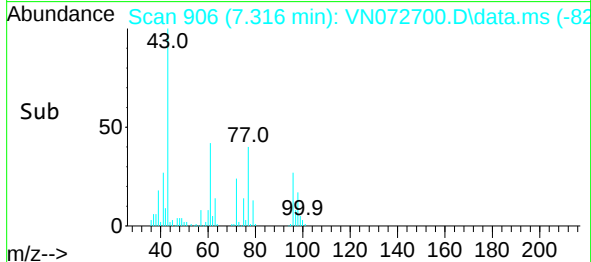
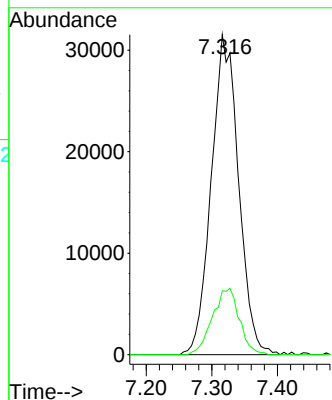
Tgt Ion: 77 Resp: 90974
Ion Ratio Lower Upper
77 100
97 20.5 18.3 27.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

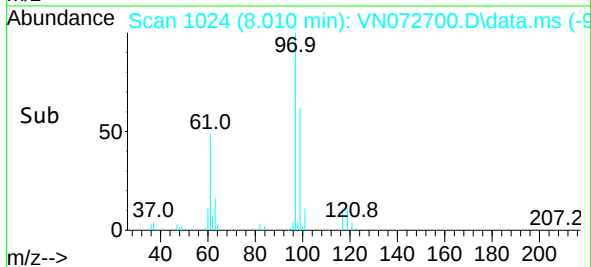
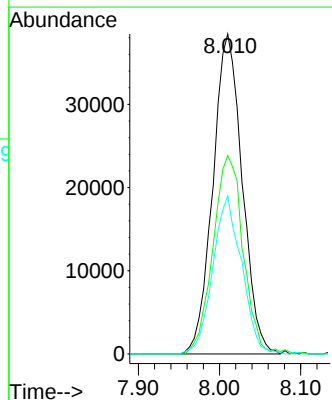
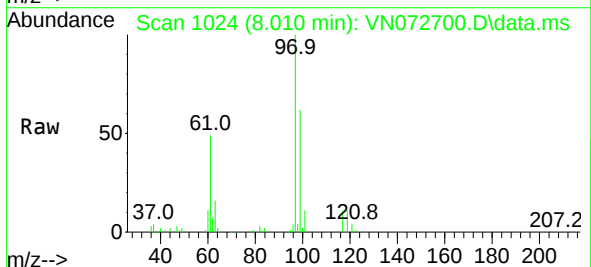
06/09/2022
Supervised By :Mahesh
Dadoda

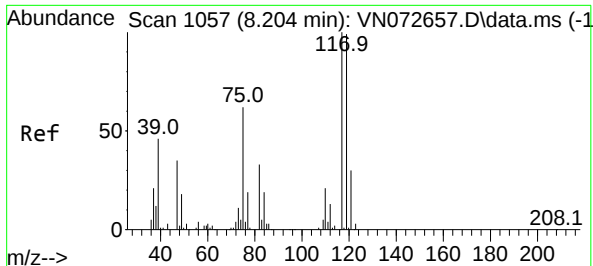
06/09/2022



#32
1,1,1-Trichloroethane
Concen: 19.231 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

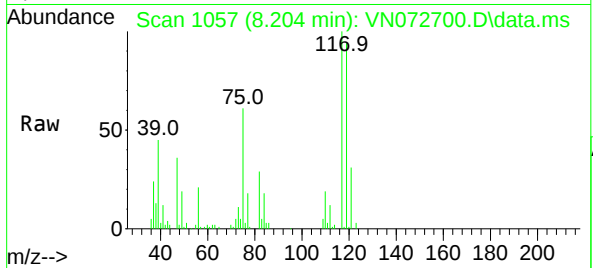
Tgt Ion: 97 Resp: 96457
Ion Ratio Lower Upper
97 100
99 63.1 50.4 75.6
61 48.5 34.6 51.8





#33
Carbon Tetrachloride
Concen: 18.480 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



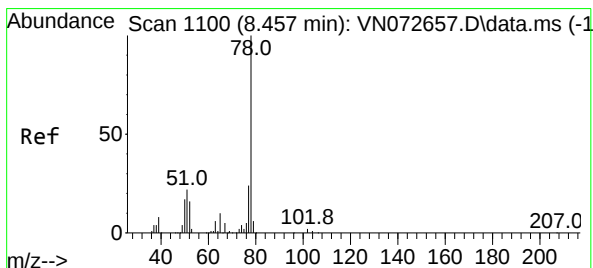
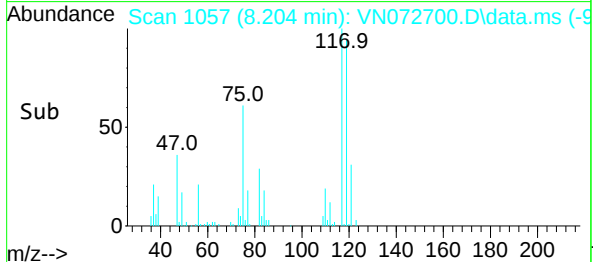
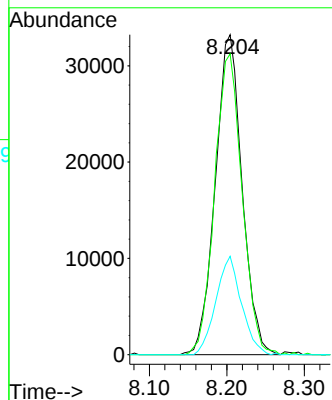
Tgt Ion:117 Resp: 7993
Ion Ratio Lower Upper
117 100
119 94.0 77.5 116.3
121 30.8 23.5 35.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

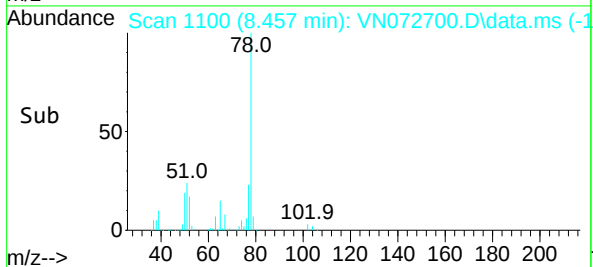
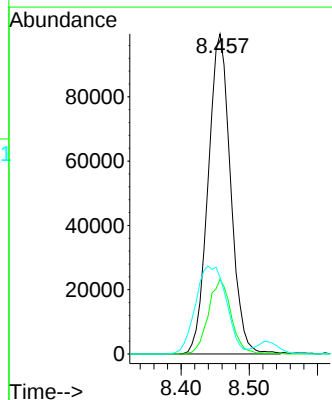
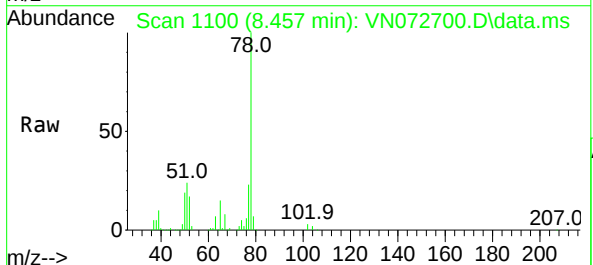
06/09/2022
Supervised By :Mahesh
Dadoda

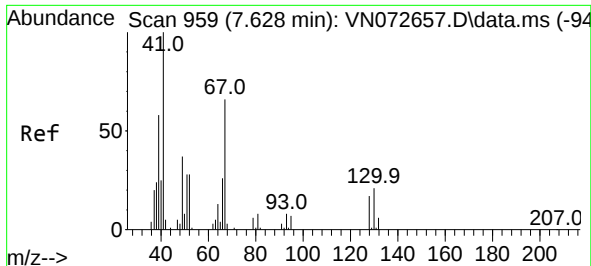
06/09/2022



#34
Benzene
Concen: 20.095 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

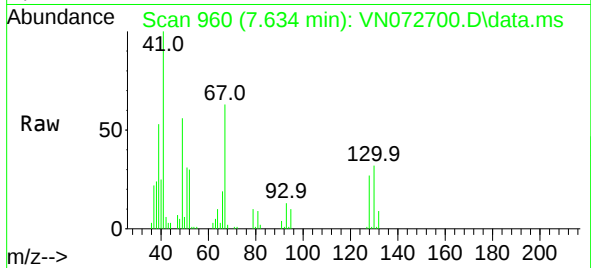
Tgt Ion: 78 Resp: 227893
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7
51 22.7 16.0 24.0





#35
Methacrylonitrile
Concen: 21.677 ug/l
RT: 7.634 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



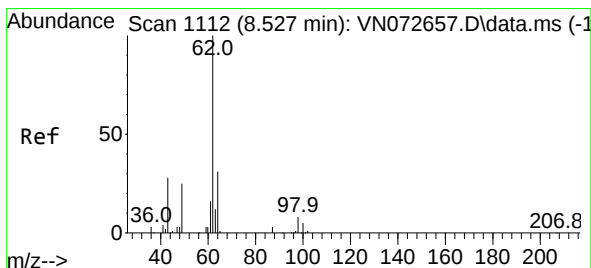
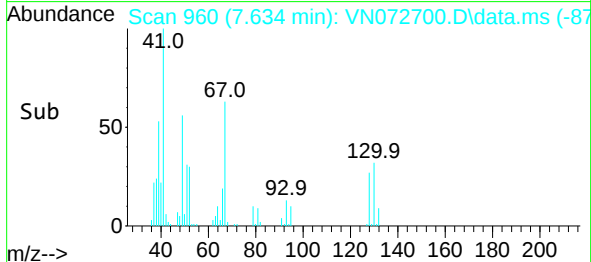
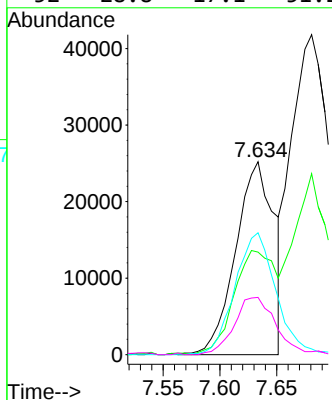
Tgt Ion:	41	Resp:	58964
Ion Ratio	Lower	Upper	
41	100		
39	52.3	28.0	83.9
67	63.2	37.7	113.1
52	28.8	17.1	51.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

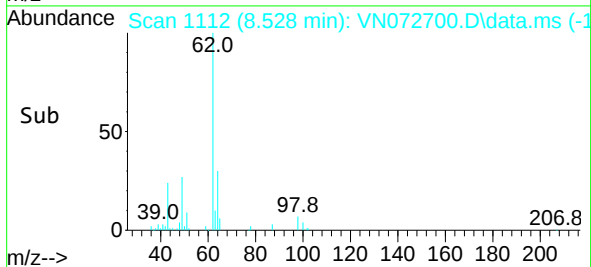
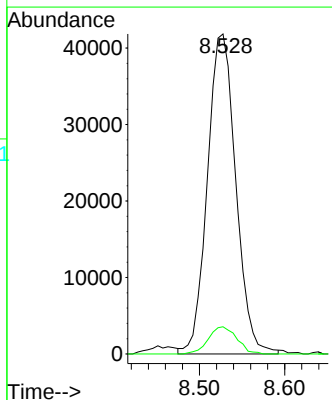
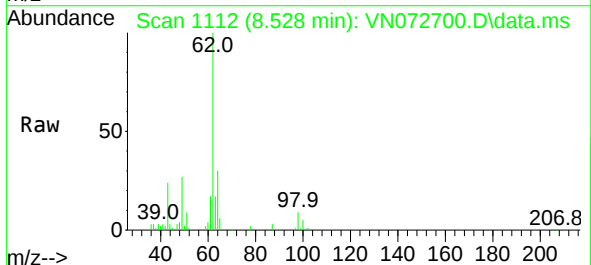
06/09/2022
Supervised By :Mahesh
Dadoda

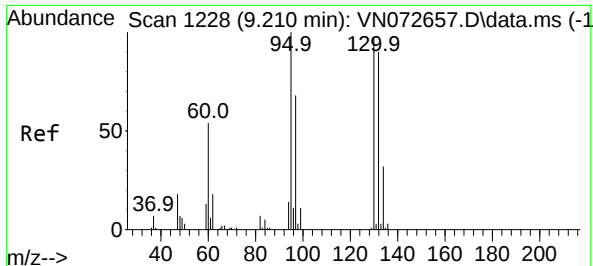
06/09/2022



#36
1,2-Dichloroethane
Concen: 20.262 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Tgt Ion:	62	Resp:	97077
Ion Ratio	Lower	Upper	
62	100		
98	8.4	6.6	10.0





#37

Trichloroethene

Concen: 19.779 ug/l

RT: 9.210 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072700.D

Acq: 08 Jun 2022 13:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

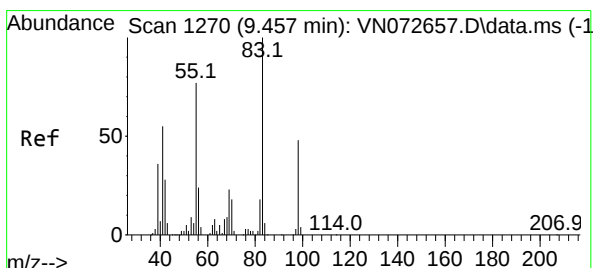
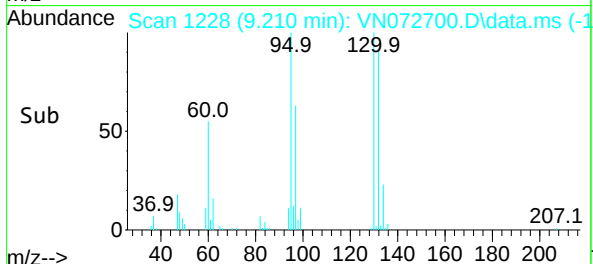
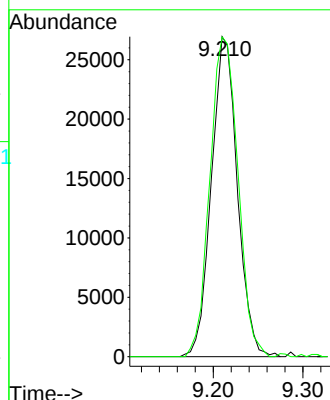
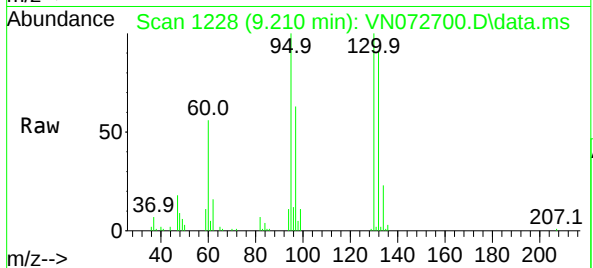
Tgt Ion:130 Resp: 5407
 Ion Ratio Lower Upper
 130 100
 95 99.9 76.6 115.0

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

06/09/2022
 Supervised By :Mahesh
 Dadoda

06/09/2022



#38

Methylcyclohexane

Concen: 19.183 ug/l

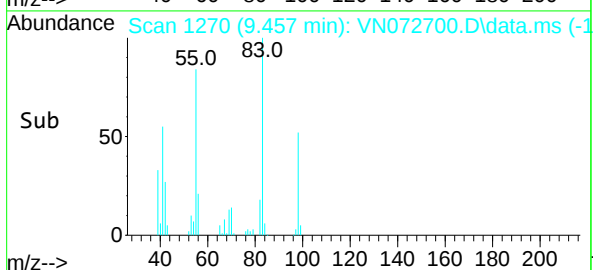
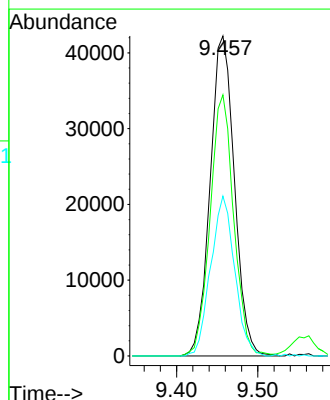
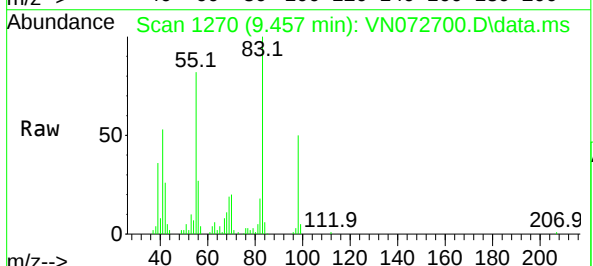
RT: 9.457 min Scan# 1270

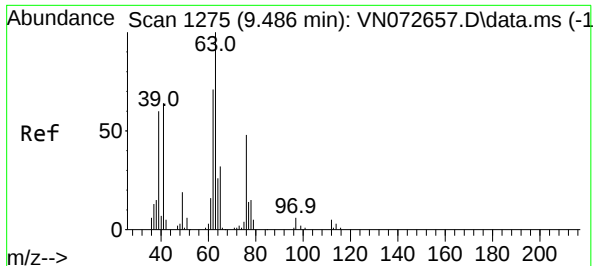
Delta R.T. 0.000 min

Lab File: VN072700.D

Acq: 08 Jun 2022 13:55

Tgt Ion: 83 Resp: 87782
 Ion Ratio Lower Upper
 83 100
 55 79.0 35.1 105.3
 98 49.3 23.4 70.2





#39

1,2-Dichloropropane

Concen: 20.229 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072700.D

Acq: 08 Jun 2022 13:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

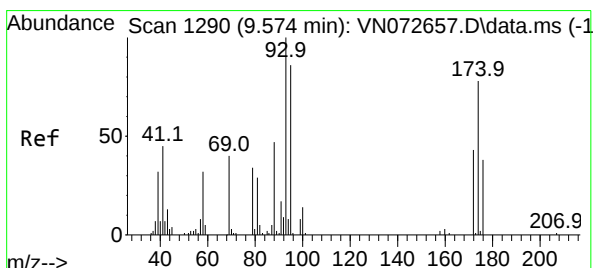
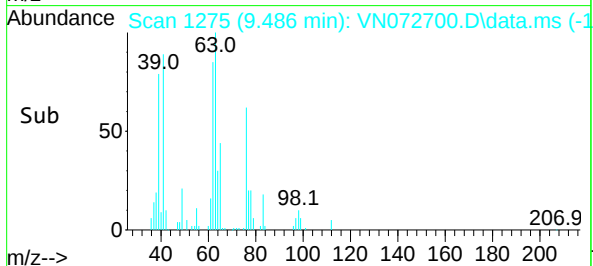
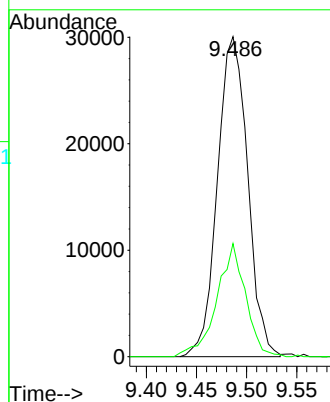
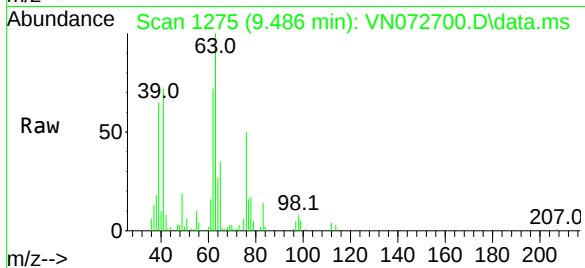
Tgt Ion: 63 Resp: 6302
 Ion Ratio Lower Upper
 63 100
 65 34.7 24.2 36.4

Manual Integrations
APPROVED

Reviewed By :John
 Carlone

06/09/2022
 Supervised By :Mahesh
 Dadoda

06/09/2022



#40

Dibromomethane

Concen: 20.433 ug/l

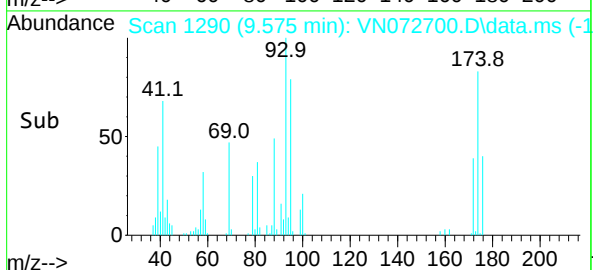
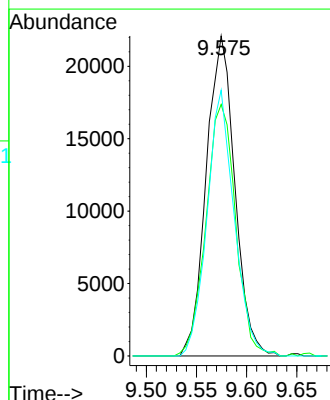
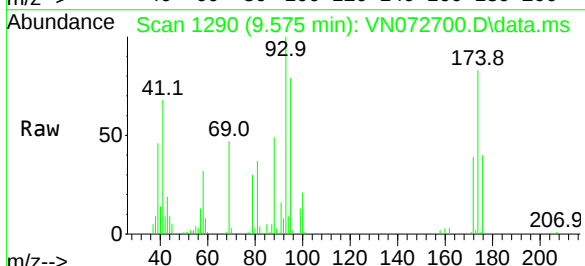
RT: 9.575 min Scan# 1290

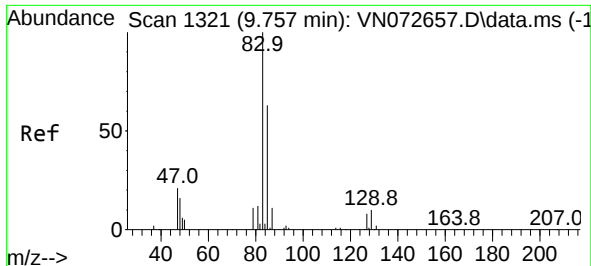
Delta R.T. 0.000 min

Lab File: VN072700.D

Acq: 08 Jun 2022 13:55

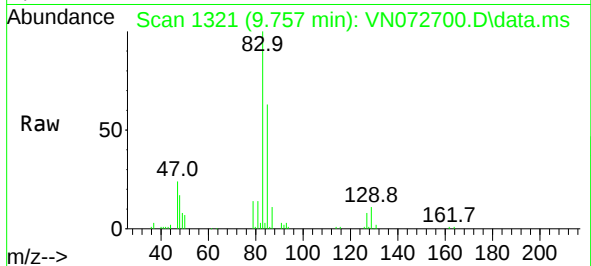
Tgt Ion: 93 Resp: 43700
 Ion Ratio Lower Upper
 93 100
 95 81.7 0.0 168.8
 174 79.2 0.0 173.6





#41
Bromodichloromethane
Concen: 19.948 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



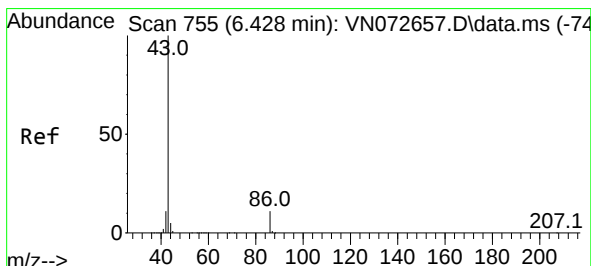
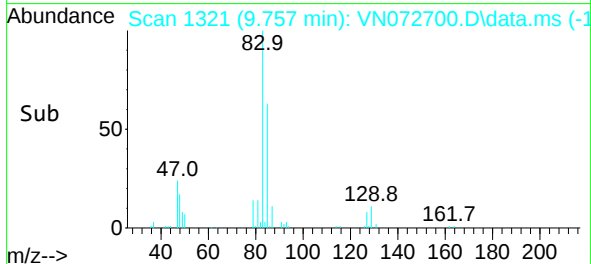
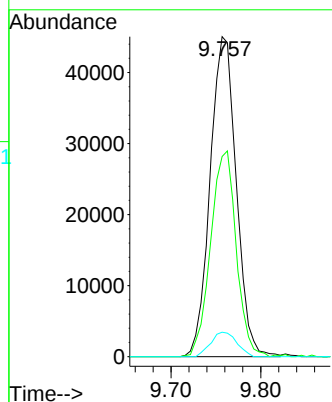
Tgt Ion: 83 Resp: 9126
Ion Ratio Lower Upper
83 100
85 62.5 54.1 81.1
127 8.7 7.6 11.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

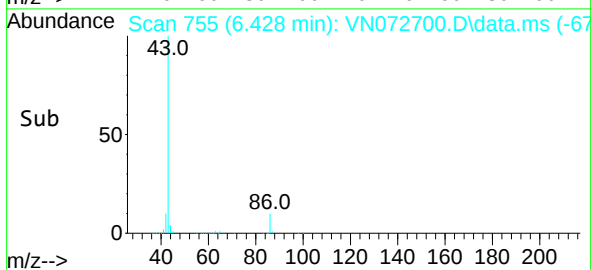
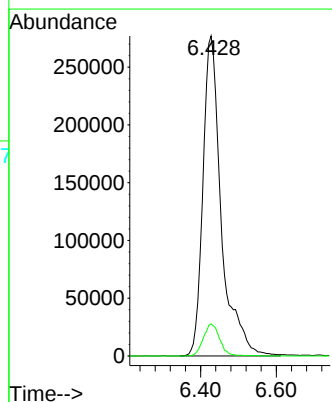
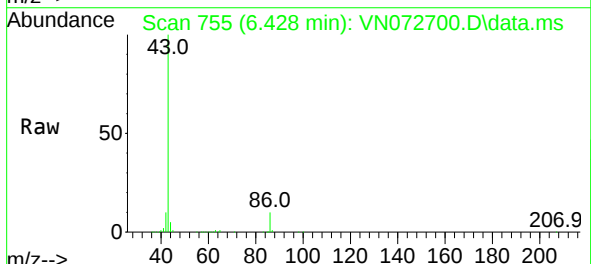
06/09/2022
Supervised By :Mahesh
Dadoda

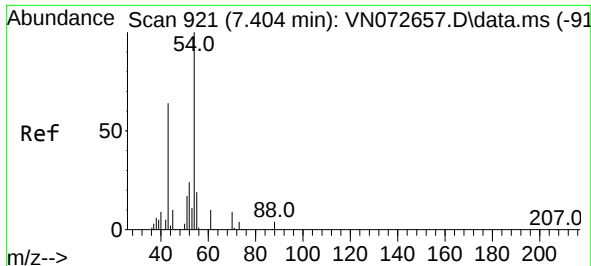
06/09/2022



#42
Vinyl Acetate
Concen: 103.373 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

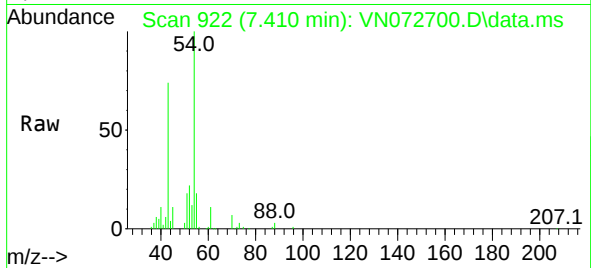
Tgt Ion: 43 Resp: 933606
Ion Ratio Lower Upper
43 100
86 8.8 7.5 11.3





#43
Ethyl Acetate
Concen: 22.020 ug/l
RT: 7.410 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



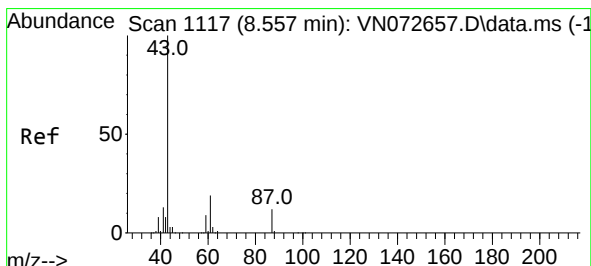
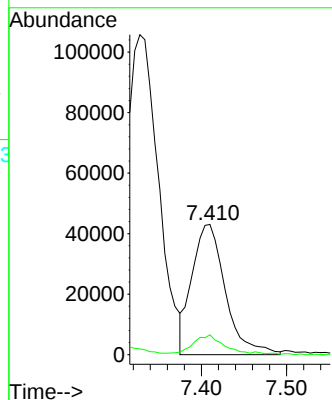
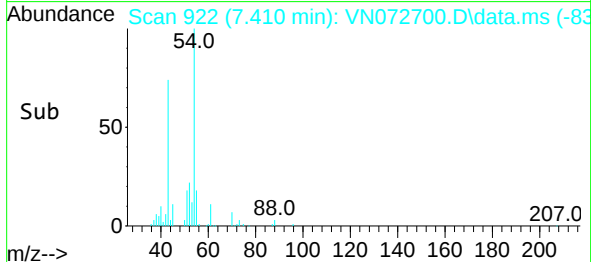
Tgt Ion: 43 Resp: 11704
Ion Ratio Lower Upper
43 100
45 14.0 10.6 16.0

Manual Integrations
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Reviewed By :John
Carlone

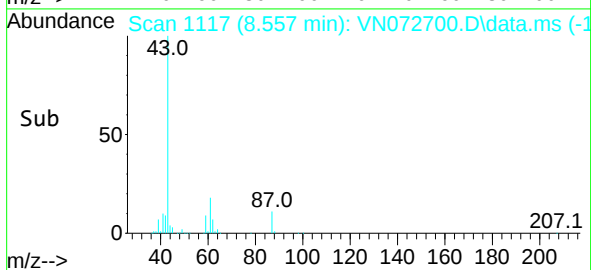
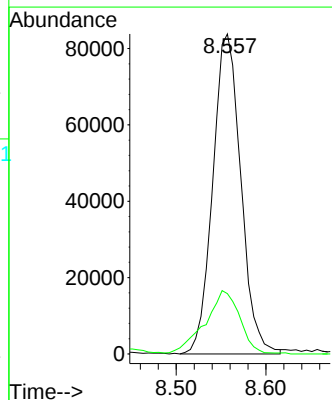
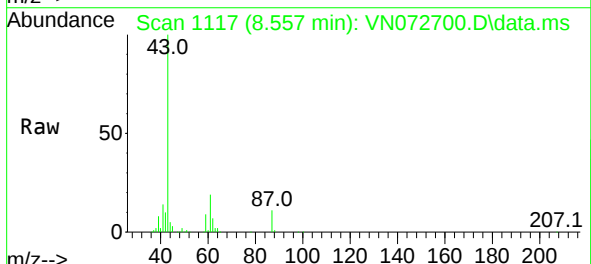
06/09/2022
Supervised By :Mahesh
Dadoda

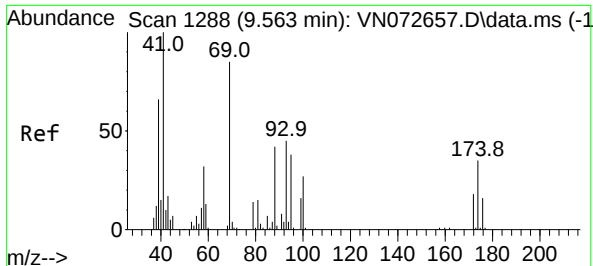
06/09/2022



#44
Isopropyl Acetate
Concen: 20.657 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

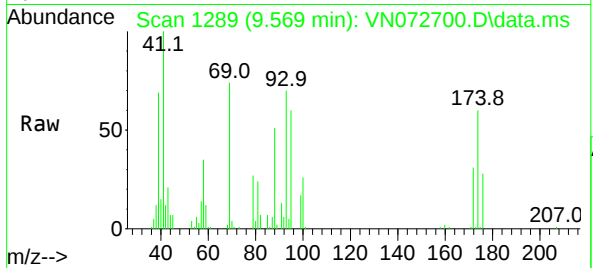
Tgt Ion: 43 Resp: 182125
Ion Ratio Lower Upper
43 100
61 24.6 20.1 30.1





#45
1,4-Dioxane
Concen: 400.951 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. 0.006 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



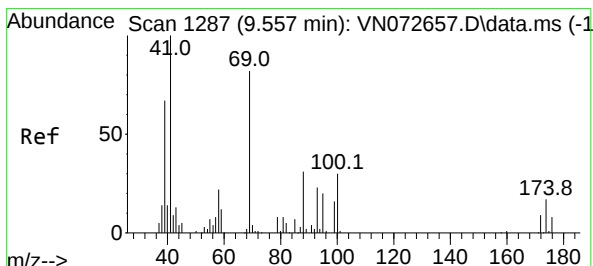
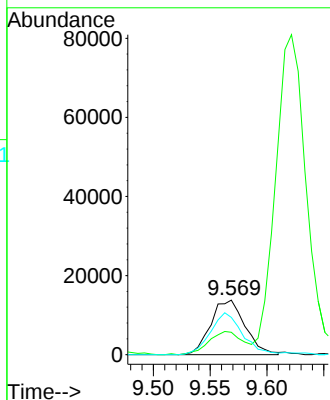
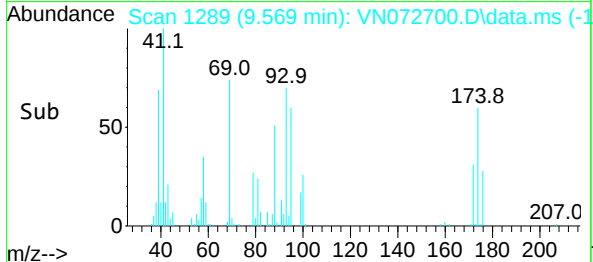
Tgt Ion: 88 Resp: 29050
Ion Ratio Lower Upper
88 100
43 42.4 25.0 37.6
58 71.4 49.4 74.2

Manual Integrations
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Reviewed By :John
Carlone

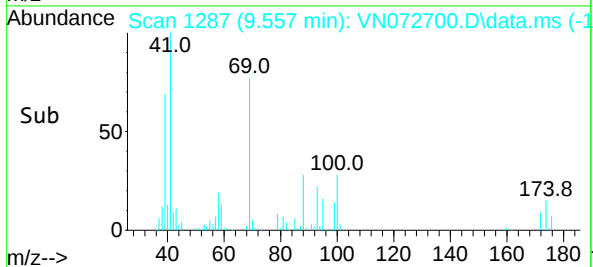
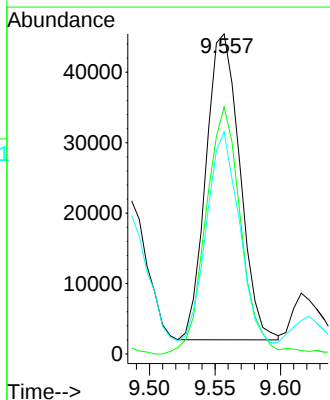
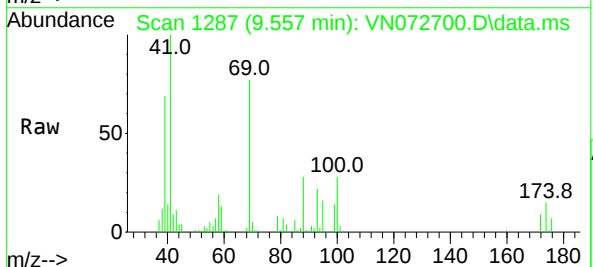
06/09/2022
Supervised By :Mahesh
Dadoda

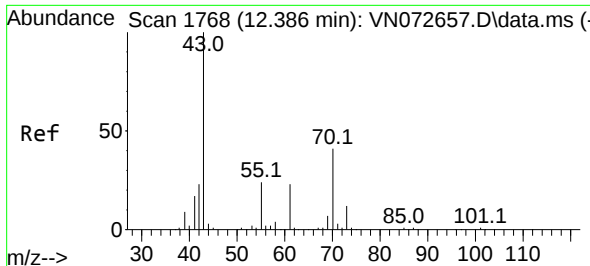
06/09/2022



#46
Methyl methacrylate
Concen: 19.819 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Tgt Ion: 41 Resp: 78133
Ion Ratio Lower Upper
41 100
69 79.5 44.4 133.2
39 68.7 39.9 119.6





#47
n-amyl acetate
Concen: 19.172 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

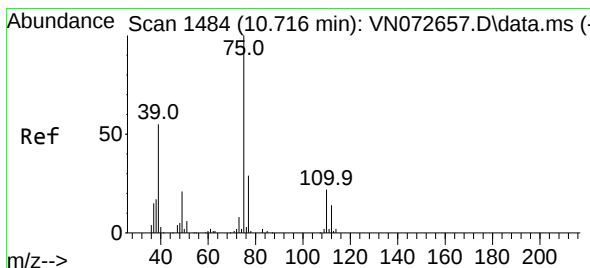
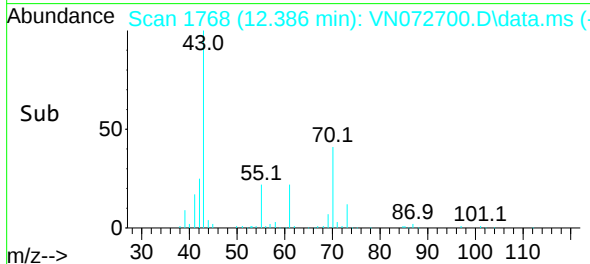
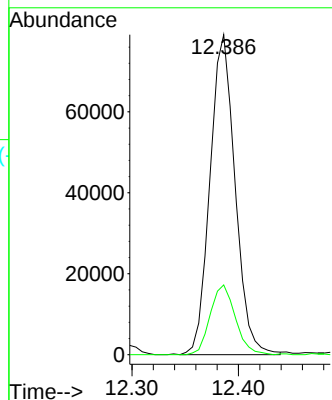
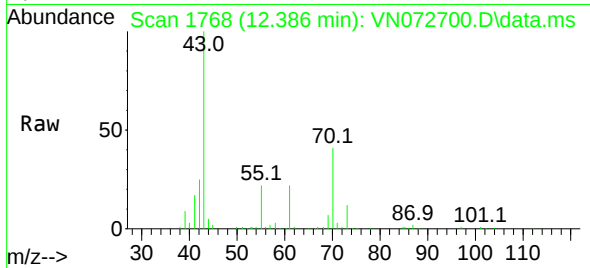
Tgt Ion: 43 Resp: 12941
Ion Ratio Lower Upper
43 100
55 21.8 19.0 28.6

Manual Integrations
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Reviewed By :John
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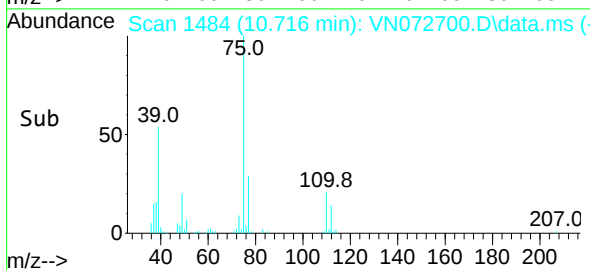
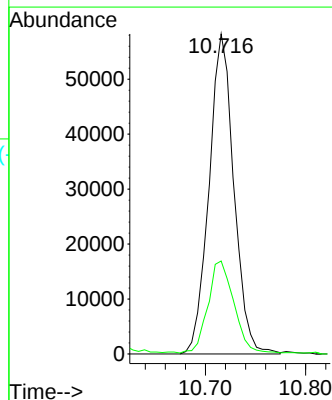
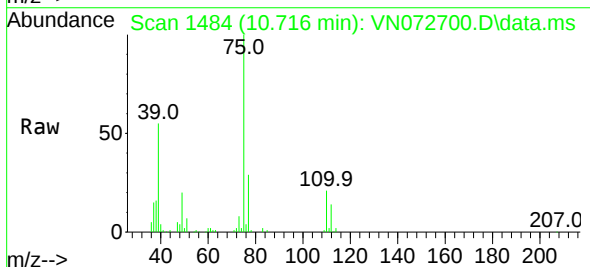
06/09/2022
Supervised By :Mahesh
Dadoda

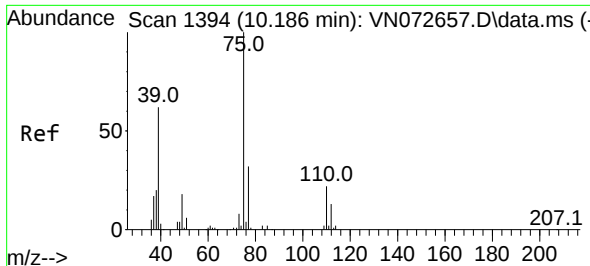
06/09/2022



#48
t-1,3-Dichloropropene
Concen: 19.223 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

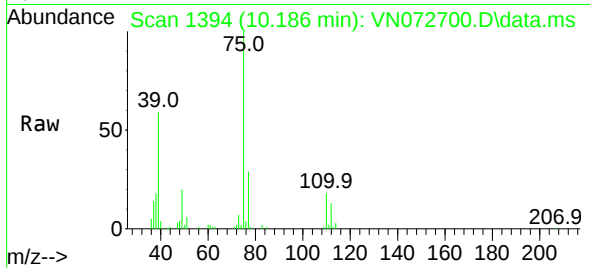
Tgt Ion: 75 Resp: 100381
Ion Ratio Lower Upper
75 100
77 28.7 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 19.451 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN072700.D
 Acq: 08 Jun 2022 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



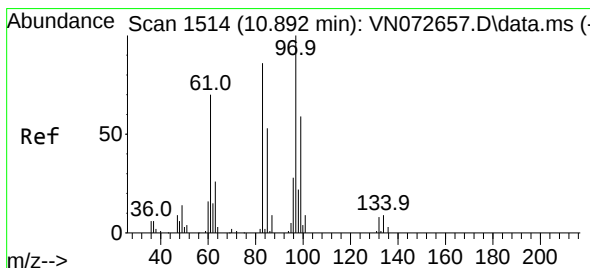
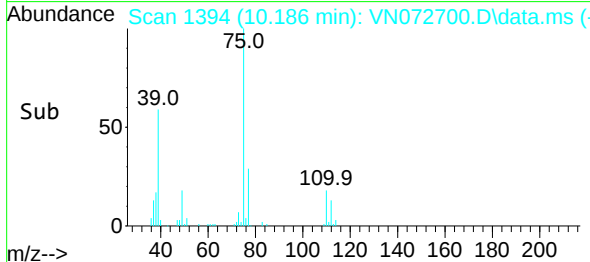
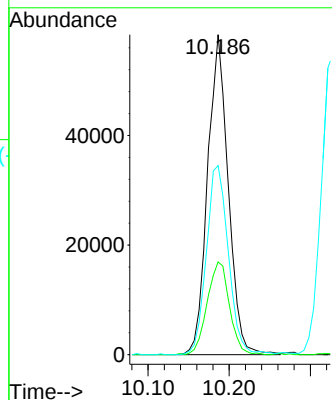
Tgt Ion: 75 Resp: 10314
 Ion Ratio Lower Upper
 75 100
 77 28.7 25.3 37.9
 39 59.1 46.2 69.4

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Reviewed By :John
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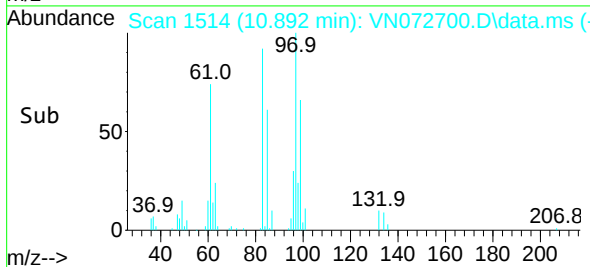
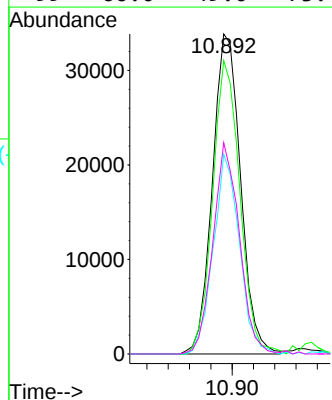
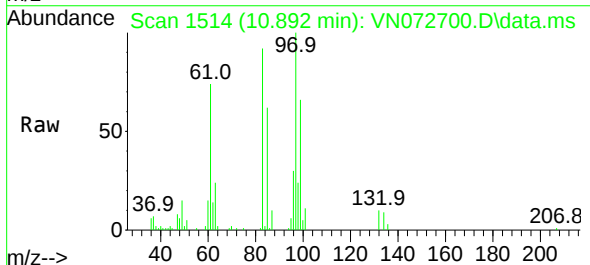
06/09/2022
 Supervised By :Mahesh
 Dadoda

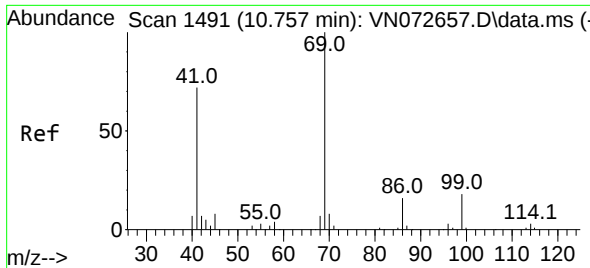
06/09/2022



#50
 1,1,2-Trichloroethane
 Concen: 20.488 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: VN072700.D
 Acq: 08 Jun 2022 13:55

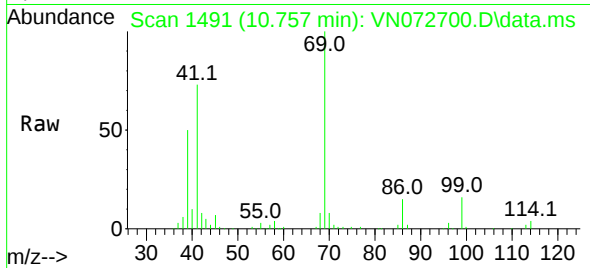
Tgt Ion: 97 Resp: 61951
 Ion Ratio Lower Upper
 97 100
 83 91.6 67.2 100.8
 85 62.4 43.0 64.4
 99 66.0 49.0 73.4





#51
Ethyl methacrylate
Concen: 20.046 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



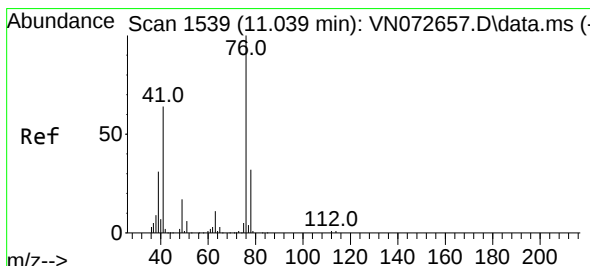
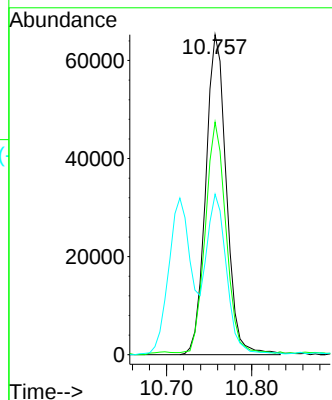
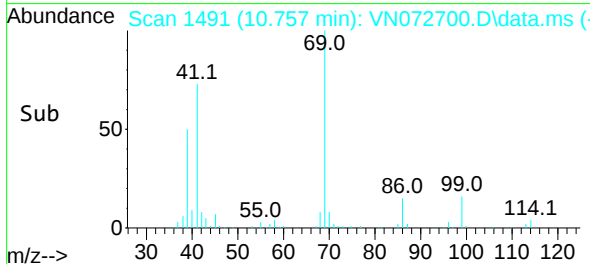
Tgt Ion: 69 Resp: 10979
Ion Ratio Lower Upper
69 100
41 72.0 33.0 98.9
39 49.7 25.4 76.4

Manual Integrations
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Reviewed By :John
Carlone

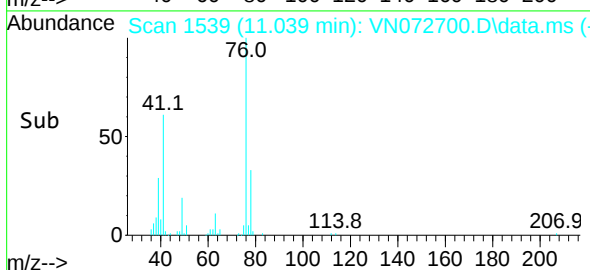
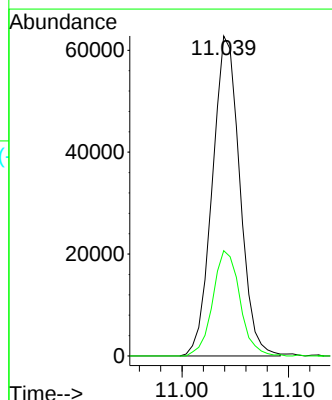
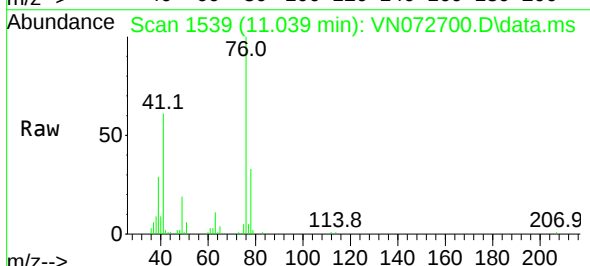
06/09/2022
Supervised By :Mahesh
Dadoda

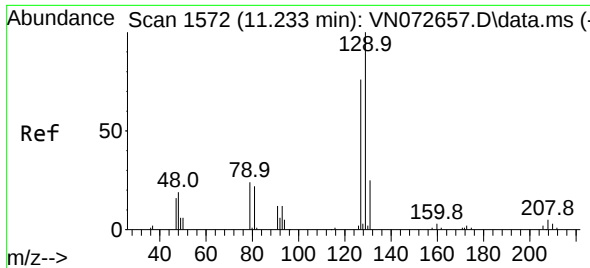
06/09/2022



#52
1,3-Dichloropropane
Concen: 20.881 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Tgt Ion: 76 Resp: 112360
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.4





#53
Dibromochloromethane
Concen: 19.868 ug/l
RT: 11.233 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

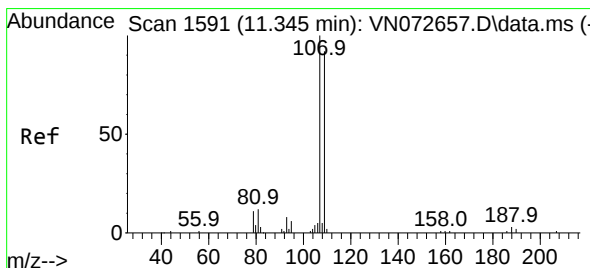
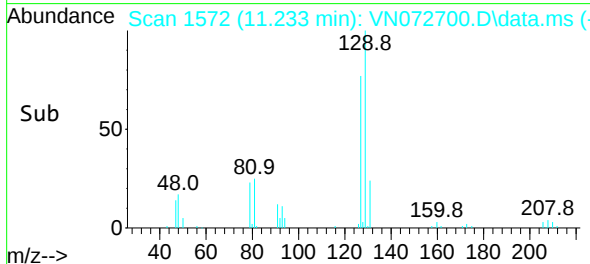
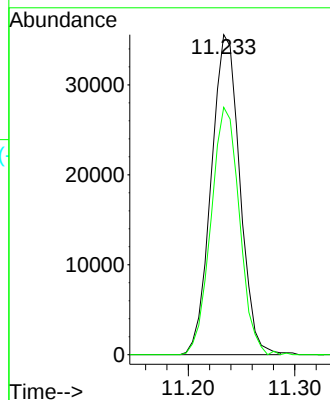
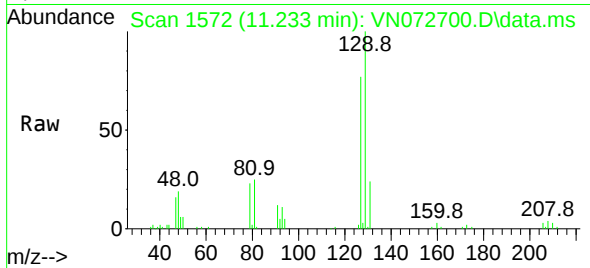
Tgt Ion:129 Resp: 6628
Ion Ratio Lower Upper
129 100
127 76.7 39.0 117.0

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Reviewed By :John
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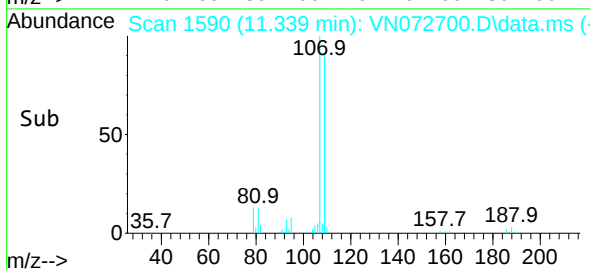
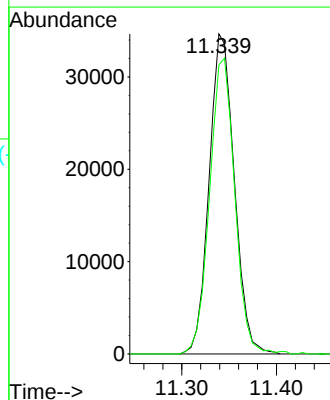
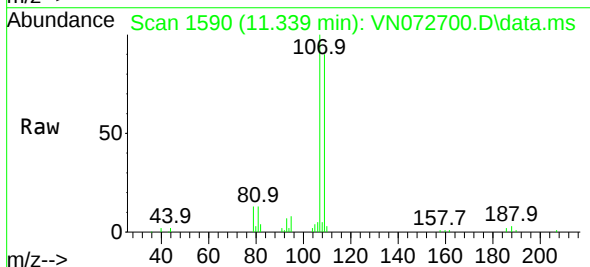
06/09/2022
Supervised By :Mahesh
Dadoda

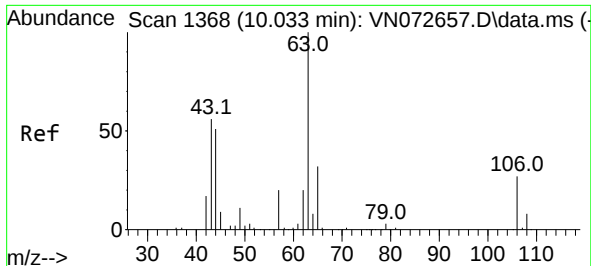
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#54
1,2-Dibromoethane
Concen: 20.131 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

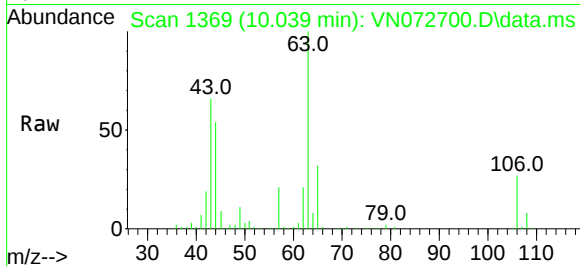
Tgt Ion:107 Resp: 64005
Ion Ratio Lower Upper
107 100
109 92.3 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 102.579 ug/l
RT: 10.039 min Scan# 1368
Delta R.T. 0.006 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



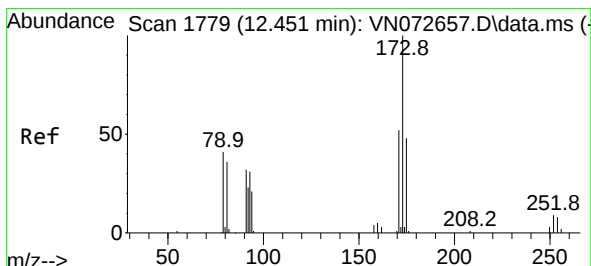
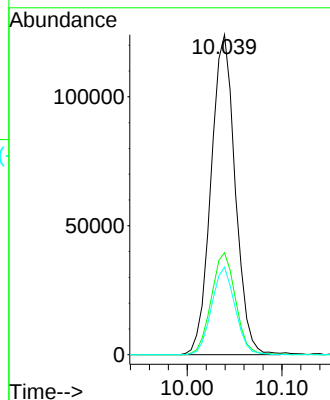
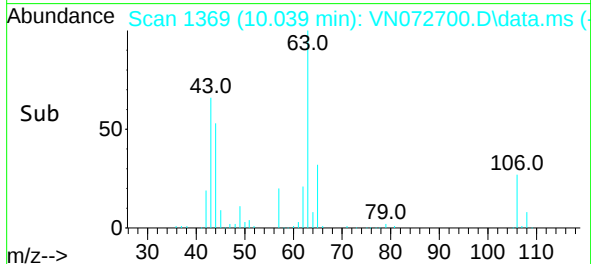
Tgt Ion: 63 Resp: 220049
Ion Ratio Lower Upper
63 100
65 31.9 25.4 38.0
106 26.5 23.2 34.8

Manual Integrations
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Reviewed By :John
Carlone

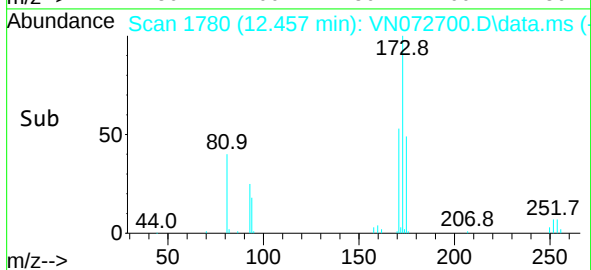
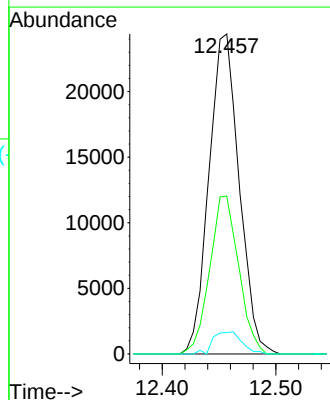
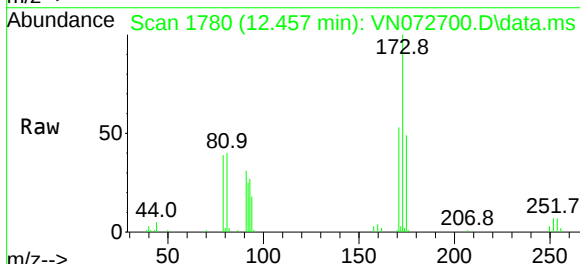
06/09/2022
Supervised By :Mahesh
Dadoda

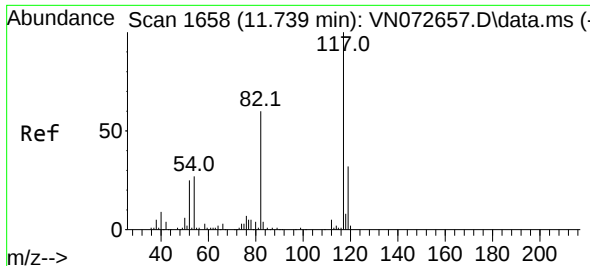
06/09/2022



#56
Bromoform
Concen: 19.400 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

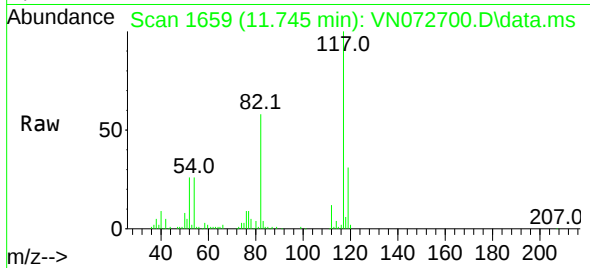
Tgt Ion:173 Resp: 45097
Ion Ratio Lower Upper
173 100
175 47.4 38.6 58.0
254 6.4 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



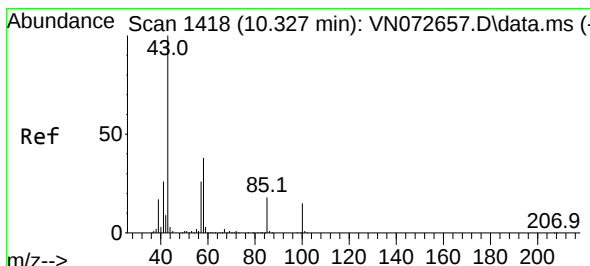
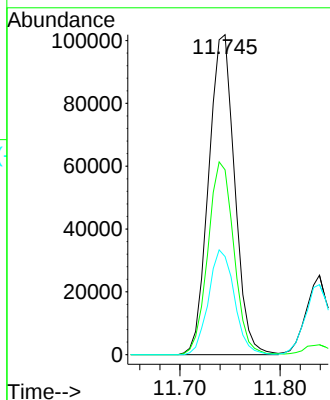
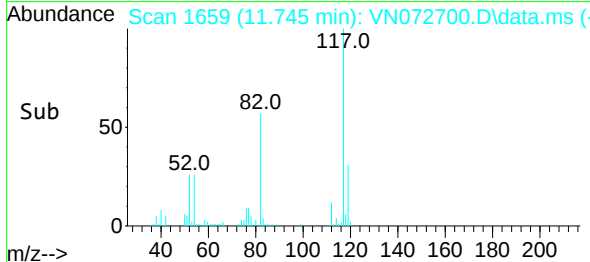
Tgt Ion: 117 Resp: 18376
Ion Ratio Lower Upper
117 100
82 60.2 43.6 65.4
119 32.5 25.8 38.6

Manual Integrations
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Reviewed By :John
Carlone

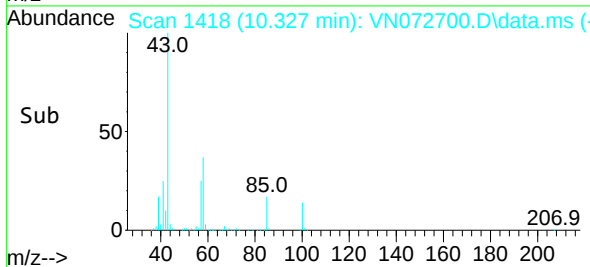
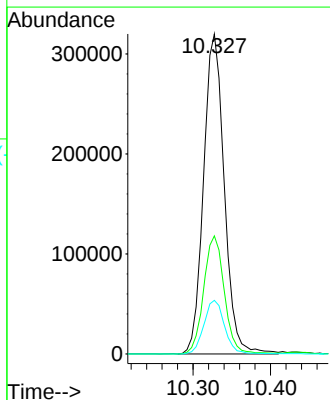
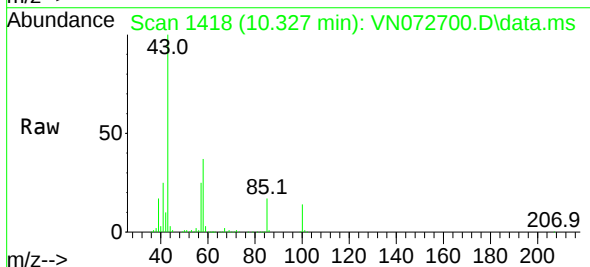
06/09/2022
Supervised By :Mahesh
Dadoda

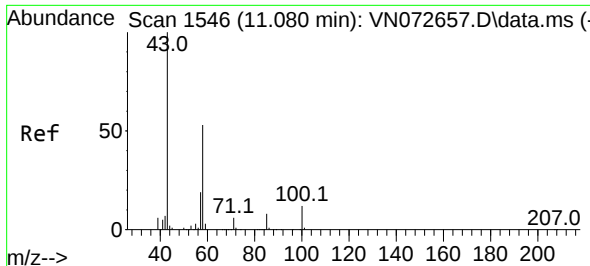
06/09/2022



#58
4-Methyl-2-Pentanone
Concen: 107.678 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

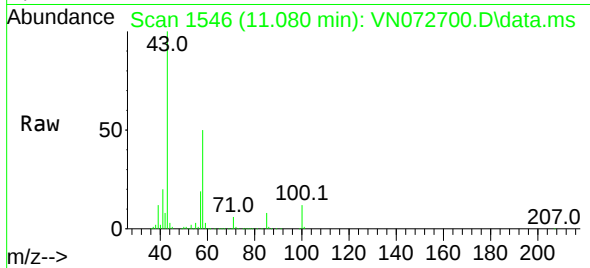
Tgt Ion: 43 Resp: 593483
Ion Ratio Lower Upper
43 100
58 36.6 30.0 45.0
85 16.6 15.0 22.6





#59
2-Hexanone
Concen: 104.958 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



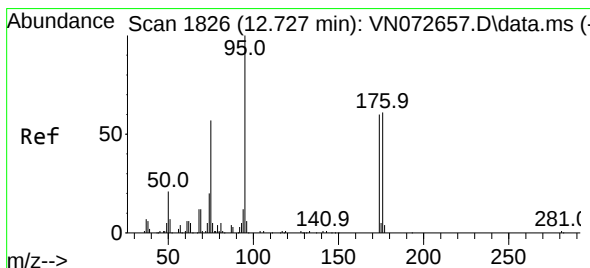
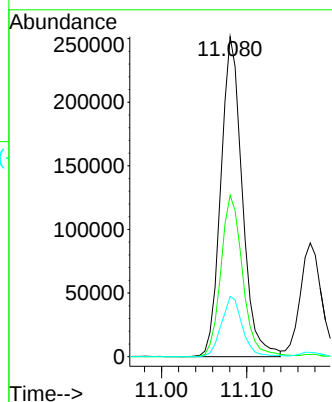
Tgt Ion: 43 Resp: 43858
Ion Ratio Lower Upper
43 100
58 51.2 42.2 63.2
57 18.4 15.0 22.4

Manual Integrations
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Reviewed By :John
Carlone

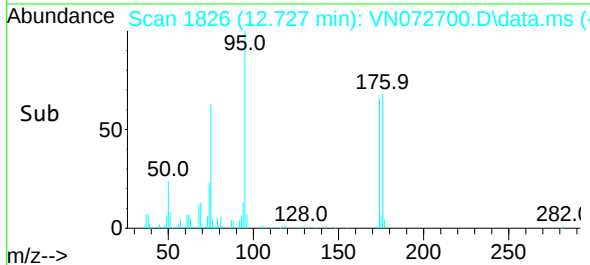
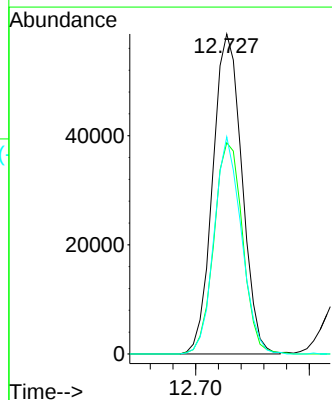
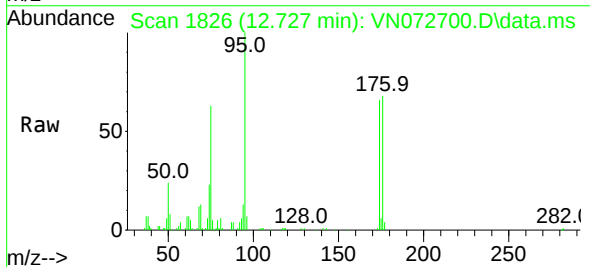
06/09/2022
Supervised By :Mahesh
Dadoda

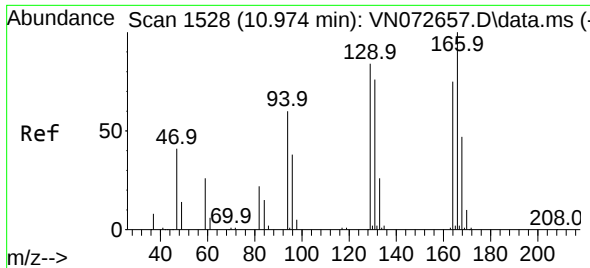
06/09/2022



#60
4-Bromofluorobenzene
Concen: 27.690 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

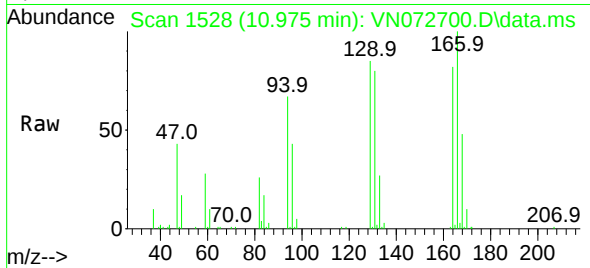
Tgt Ion: 95 Resp: 104655
Ion Ratio Lower Upper
95 100
174 64.8 62.9 94.3
176 63.5 61.0 91.4





#61
Tetrachloroethene
Concen: 20.867 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



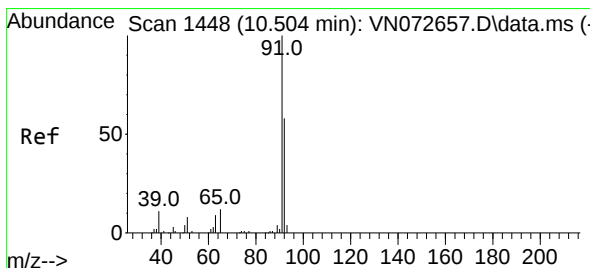
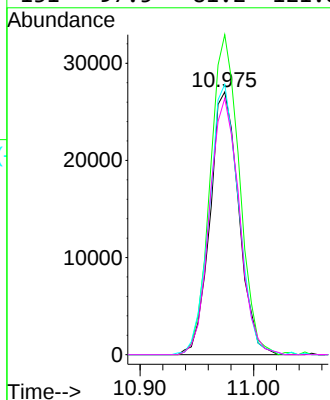
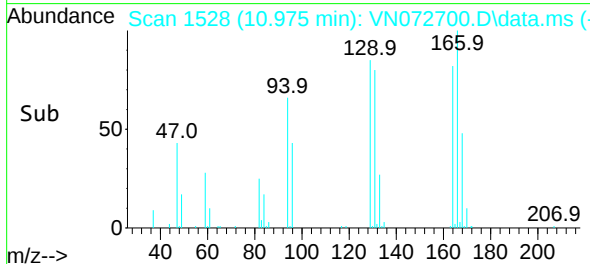
Tgt Ion:164 Resp: 47454
Ion Ratio Lower Upper
164 100
166 121.8 105.8 158.8
129 102.2 82.5 123.7
131 97.5 81.2 121.8

Manual Integrations
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Reviewed By :John
Carlone

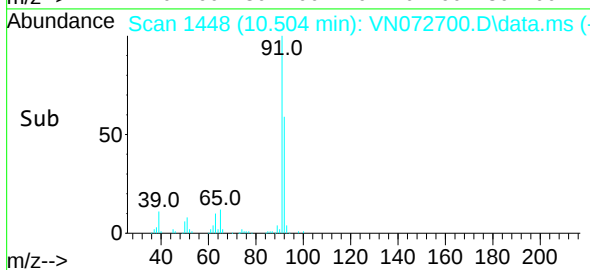
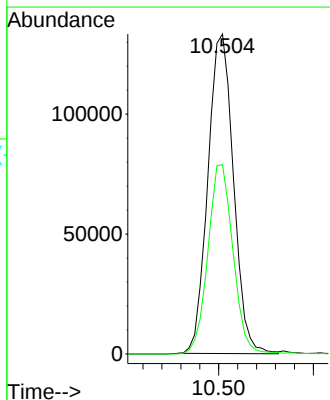
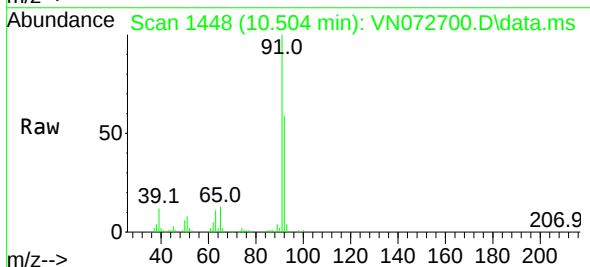
06/09/2022
Supervised By :Mahesh
Dadoda

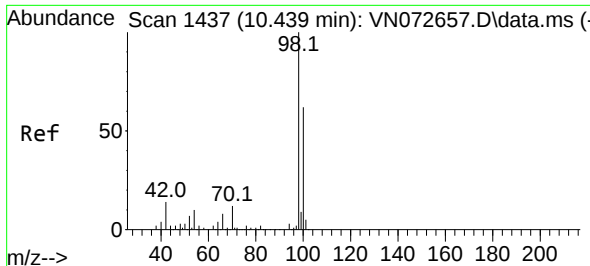
06/09/2022



#62
Toluene
Concen: 20.079 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

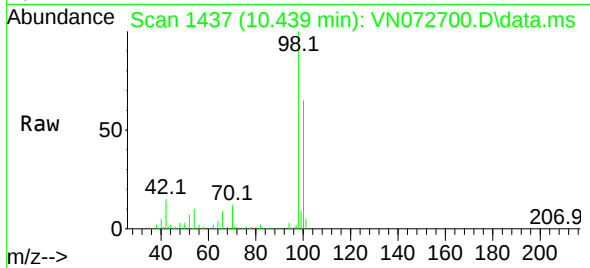
Tgt Ion: 91 Resp: 250186
Ion Ratio Lower Upper
91 100
92 58.1 44.6 67.0





#63
Toluene-d8
Concen: 30.510 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



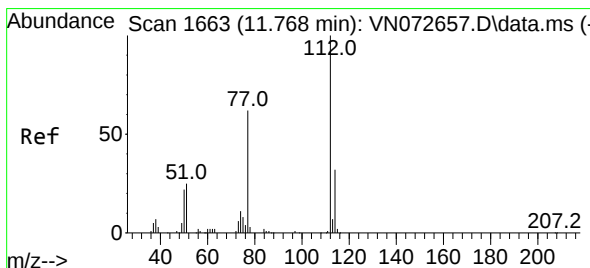
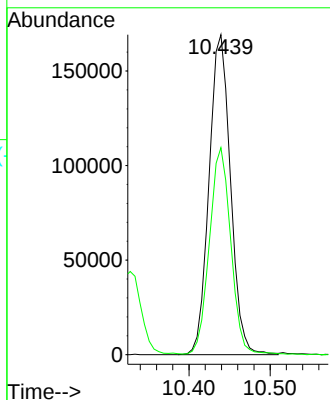
Tgt Ion: 98 Resp: 31057
Ion Ratio Lower Upper
98 100
100 64.7 50.6 76.0

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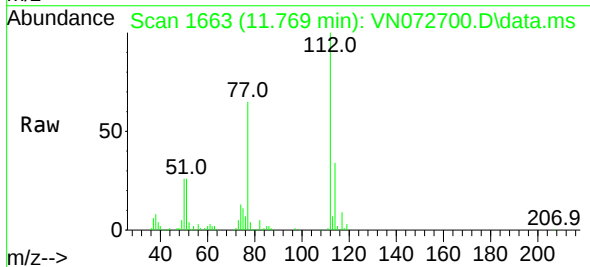
Reviewed By :John
Carlone

06/09/2022
Supervised By :Mahesh
Dadoda

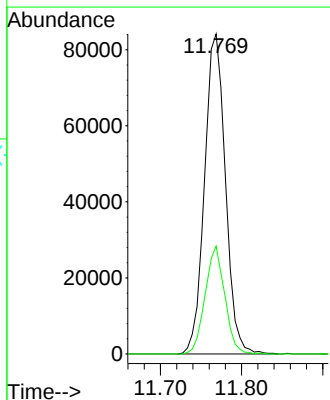
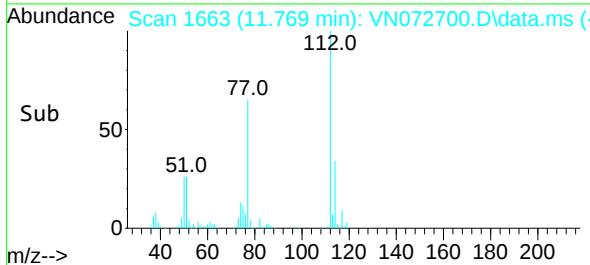
06/09/2022

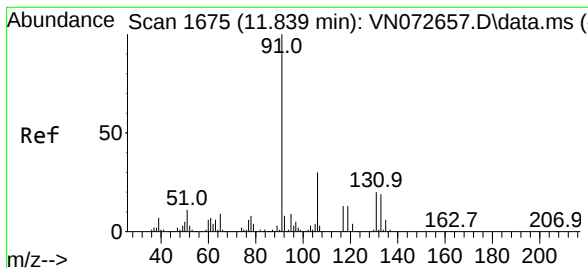


#64
Chlorobenzene
Concen: 19.825 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55



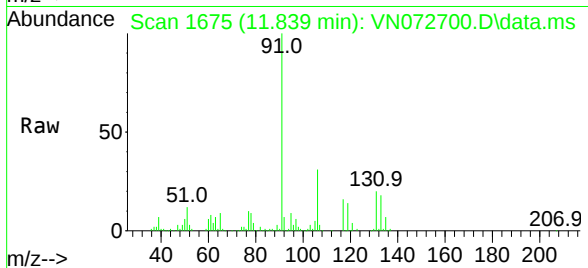
Tgt Ion:112 Resp: 150391
Ion Ratio Lower Upper
112 100
114 33.7 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 19.850 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



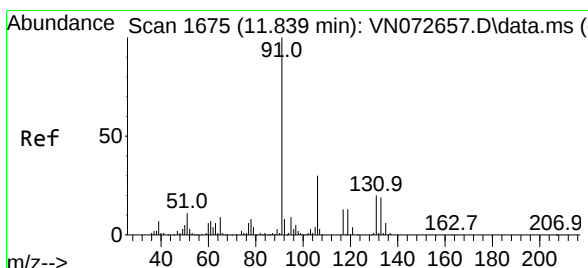
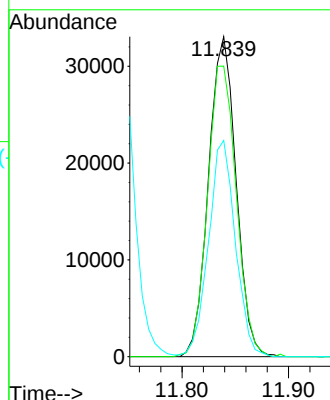
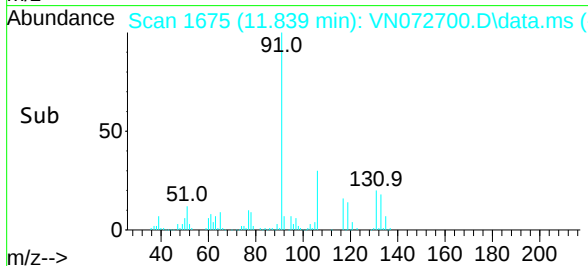
Tgt Ion:131 Resp: 5936
Ion Ratio Lower Upper
131 100
133 95.1 0.0 191.2
119 66.0 0.0 128.8

Manual Integrations
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Reviewed By :John
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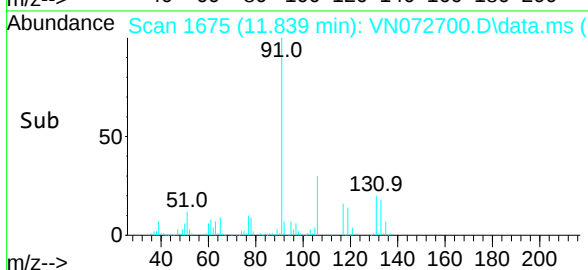
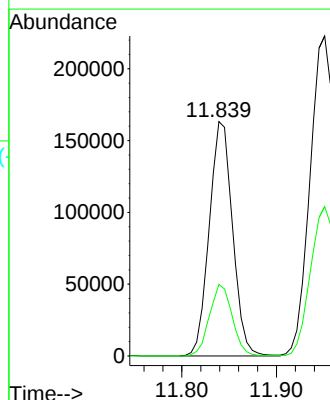
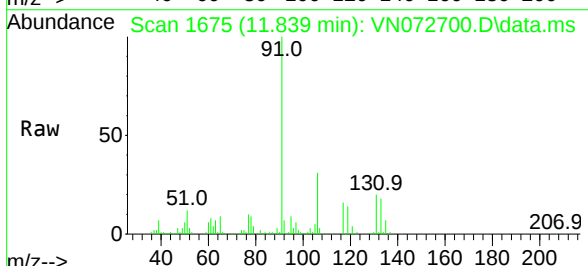
06/09/2022
Supervised By :Mahesh
Dadoda

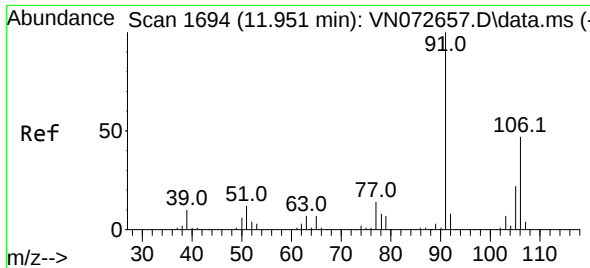
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#66
Ethyl Benzene
Concen: 19.537 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Tgt Ion: 91 Resp: 279484
Ion Ratio Lower Upper
91 100
106 30.6 24.0 36.0





#67
m/p-Xylenes
Concen: 38.838 ug/l
RT: 11.951 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

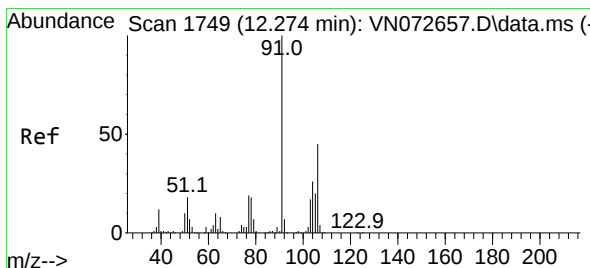
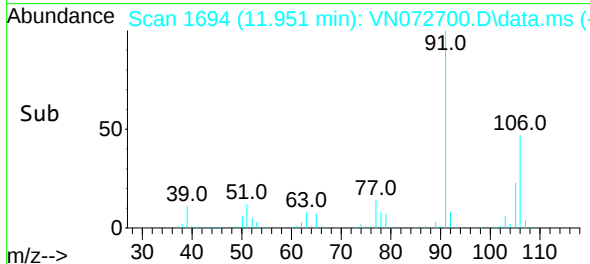
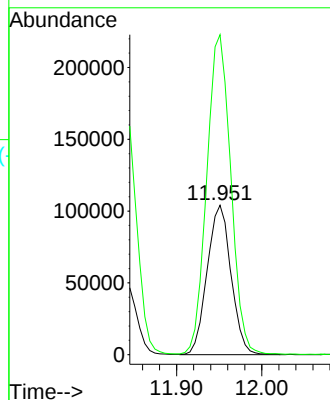
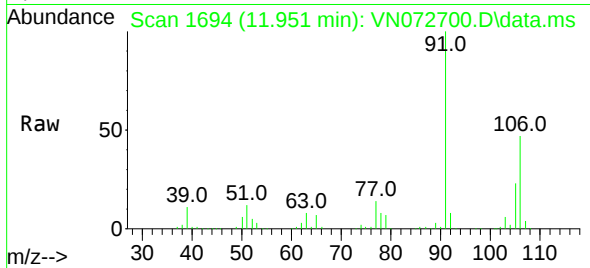
Tgt Ion:106 Resp: 202648
Ion Ratio Lower Upper
106 100
91 215.9 162.9 244.3

Manual Integrations
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Reviewed By :John
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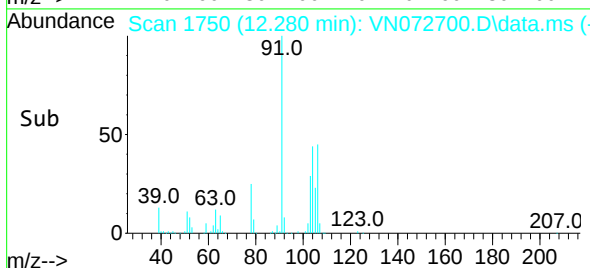
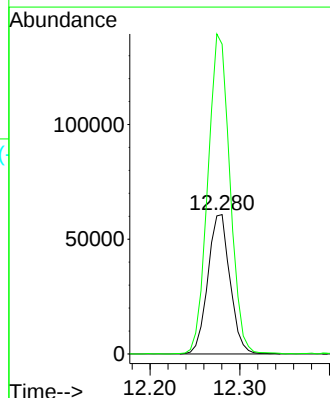
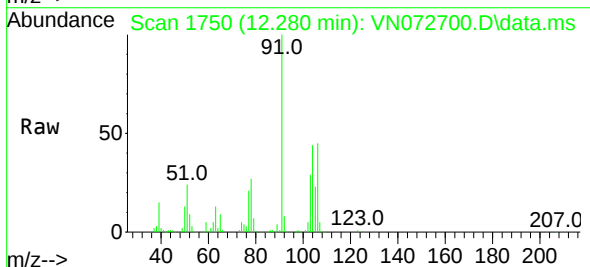
06/09/2022
Supervised By :Mahesh
Dadoda

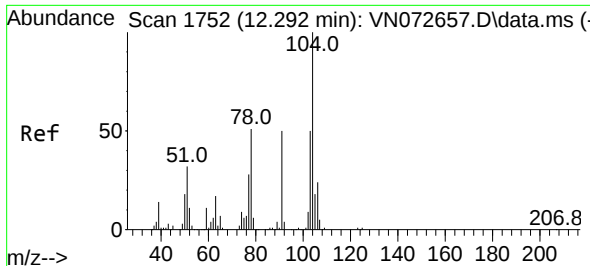
06/09/2022



#68
o-Xylene
Concen: 19.554 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

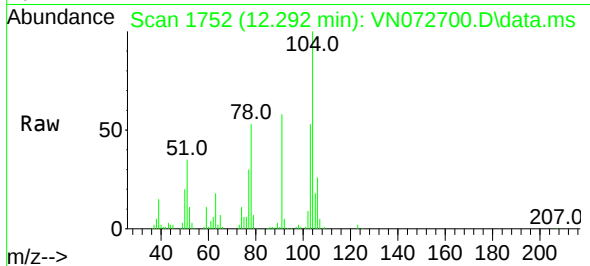
Tgt Ion:106 Resp: 104086
Ion Ratio Lower Upper
106 100
91 229.0 107.7 323.1





#69
Styrene
Concen: 19.052 ug/l
RT: 12.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



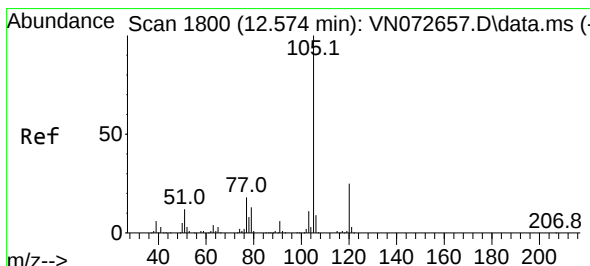
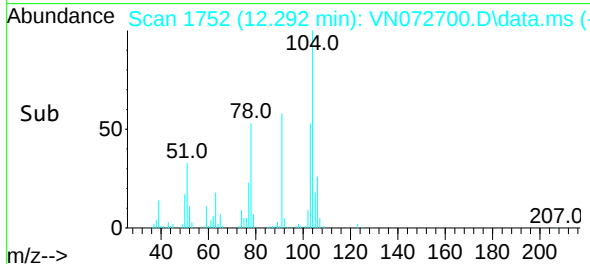
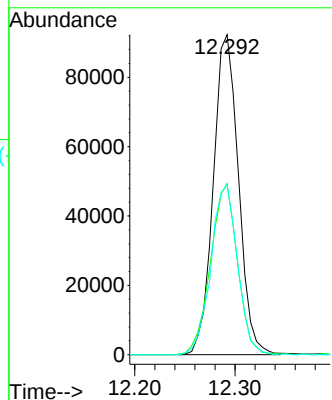
Tgt Ion:104 Resp: 160984
Ion Ratio Lower Upper
104 100
78 57.2 40.7 61.1
103 56.0 45.8 68.8

Manual Integrations
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Reviewed By :John
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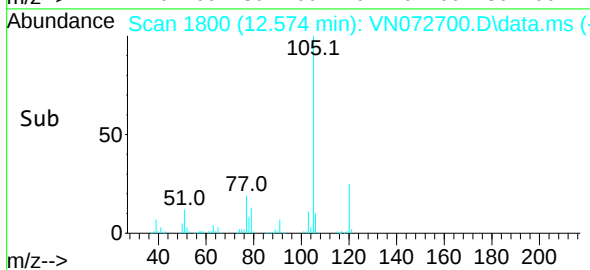
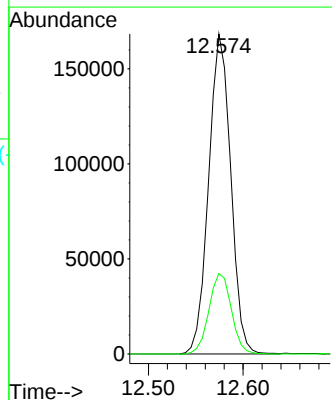
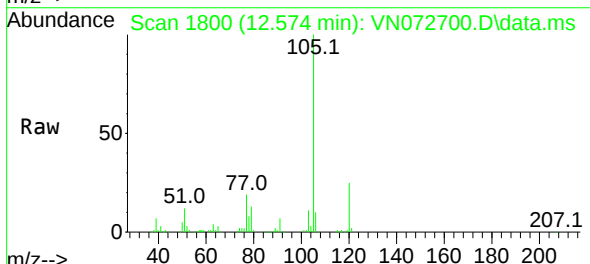
06/09/2022
Supervised By :Mahesh
Dadoda

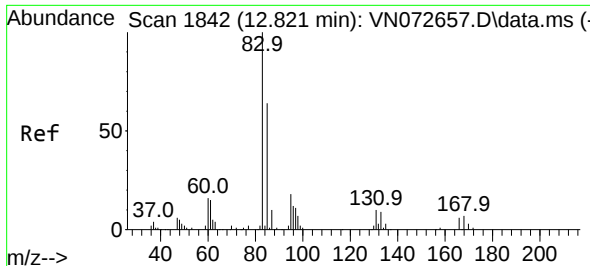
06/09/2022



#70
Isopropylbenzene
Concen: 19.647 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

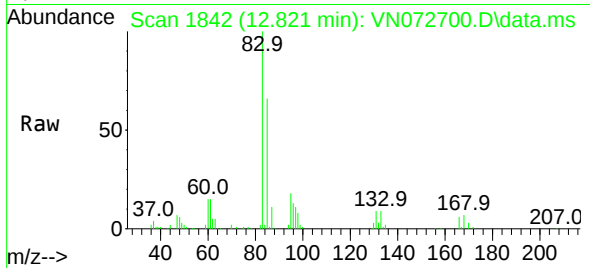
Tgt Ion:105 Resp: 273270
Ion Ratio Lower Upper
105 100
120 25.4 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.950 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



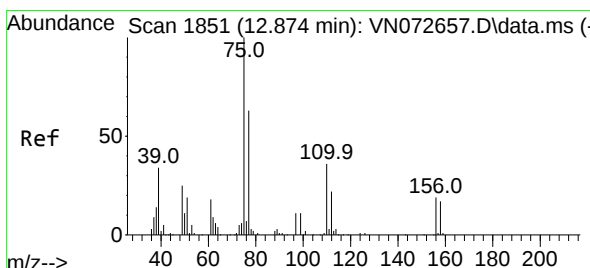
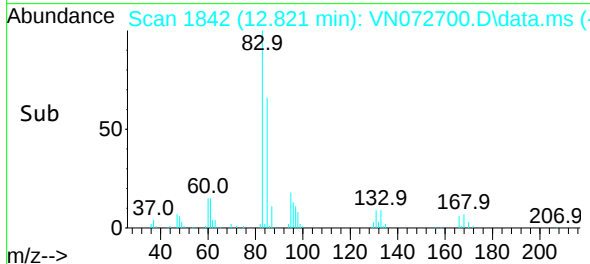
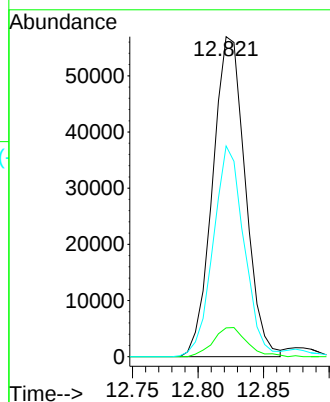
Tgt Ion: 83 Resp: 98638
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.3
85 62.4 33.1 99.2

Manual Integrations
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Reviewed By :John
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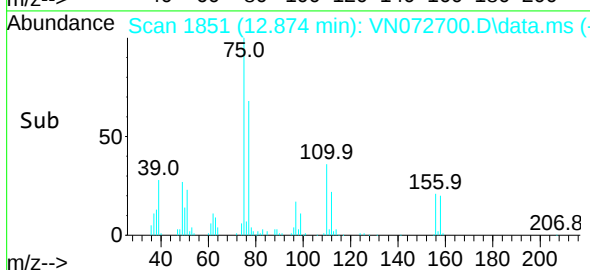
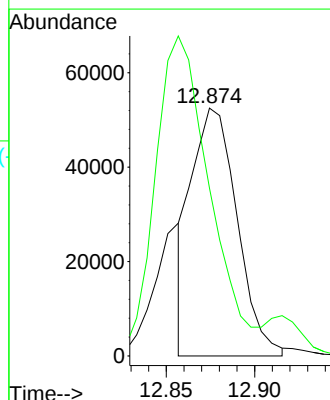
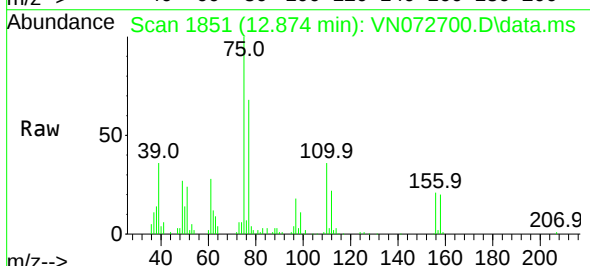
06/09/2022
Supervised By :Mahesh
Dadoda

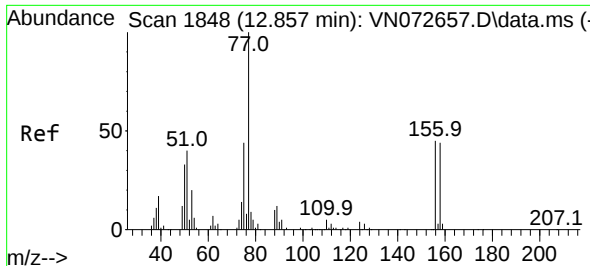
06/09/2022



#72
1,2,3-Trichloropropane
Concen: 23.033 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

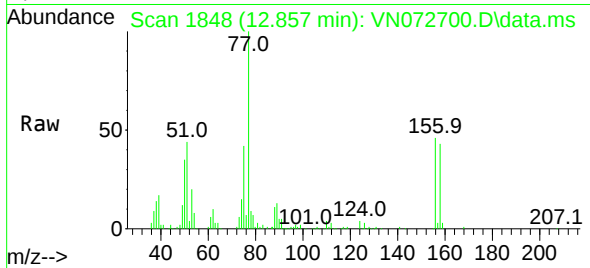
Tgt Ion: 75 Resp: 94640
Ion Ratio Lower Upper
75 100
77 151.9 0.0 378.0





#73
Bromobenzene
Concen: 19.162 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



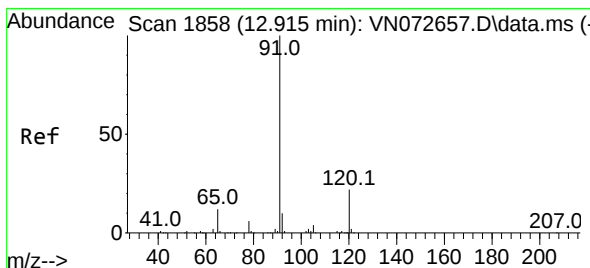
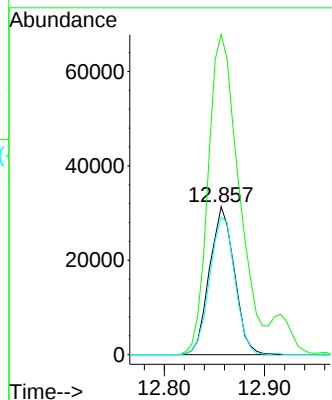
Tgt Ion:156 Resp: 5418
Ion Ratio Lower Upper
156 100
77 265.3 0.0 416.0
158 94.4 0.0 195.4

Manual Integrations
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Reviewed By :John
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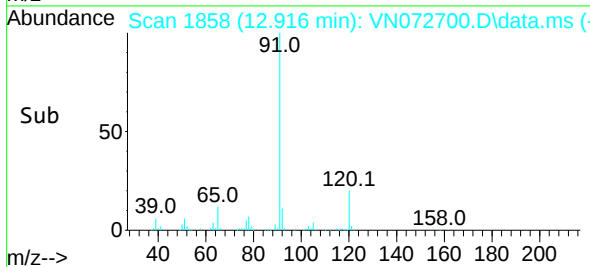
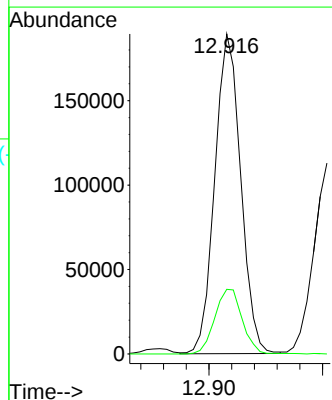
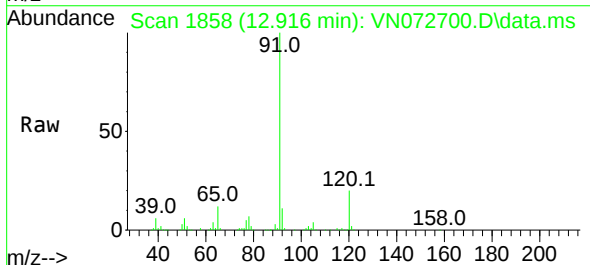
06/09/2022
Supervised By :Mahesh
Dadoda

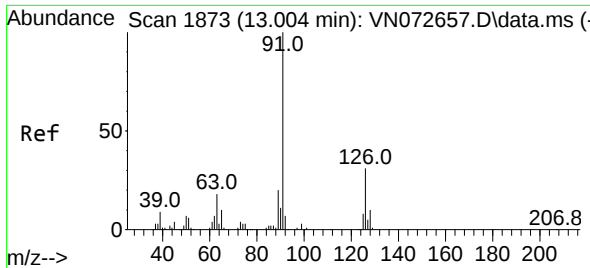
06/09/2022



#74
n-propylbenzene
Concen: 18.845 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

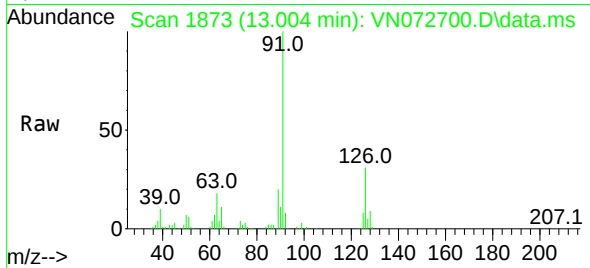
Tgt Ion: 91 Resp: 299944
Ion Ratio Lower Upper
91 100
120 21.4 0.0 45.0





#75
2-Chlorotoluene
Concen: 18.911 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



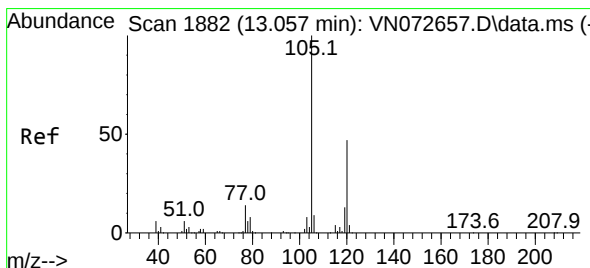
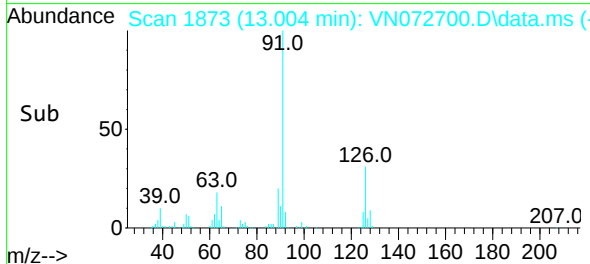
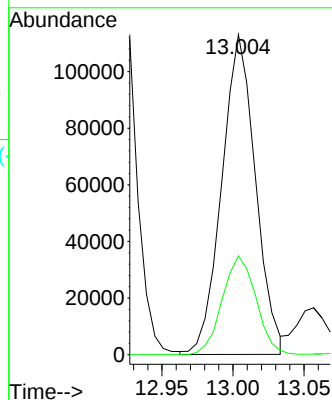
Tgt Ion: 91 Resp: 18657
Ion Ratio Lower Upper
91 100
126 30.9 0.0 69.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

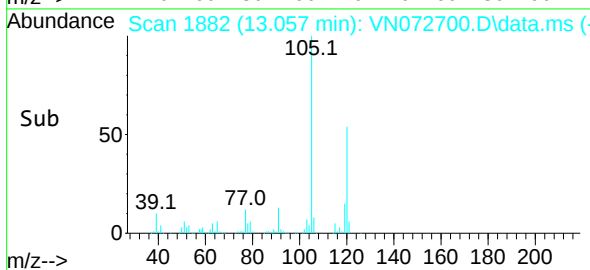
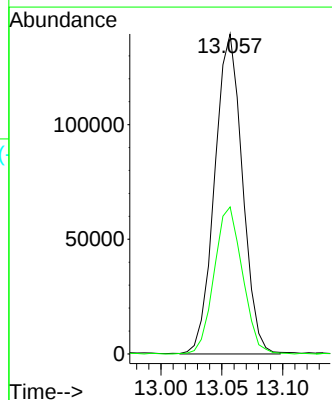
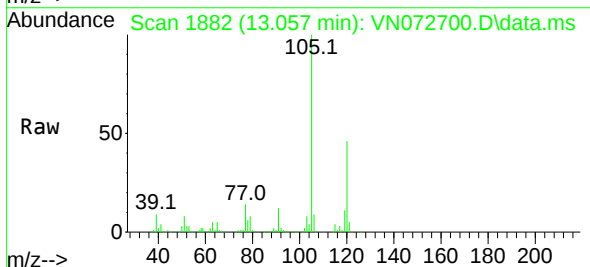
06/09/2022
Supervised By :Mahesh
Dadoda

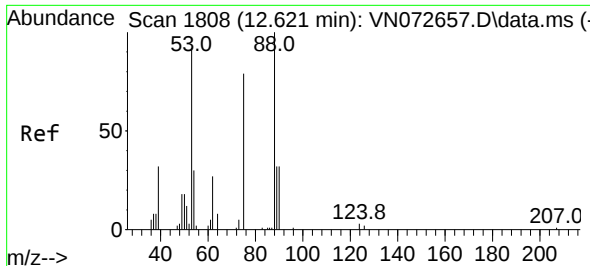
06/09/2022



#76
1,3,5-Trimethylbenzene
Concen: 19.360 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Tgt Ion:105 Resp: 221019
Ion Ratio Lower Upper
105 100
120 46.9 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 18.083 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

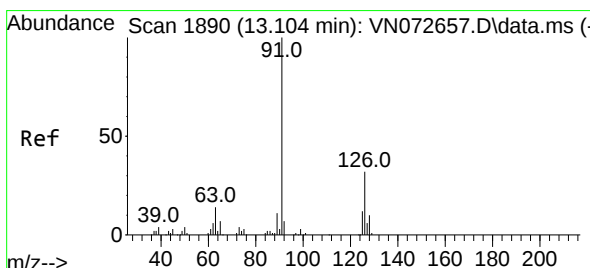
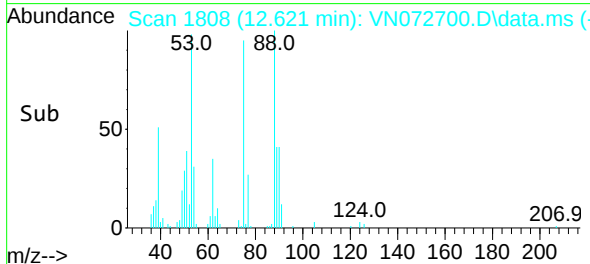
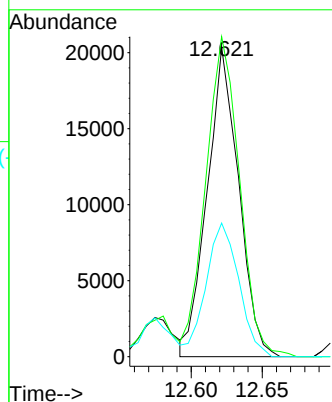
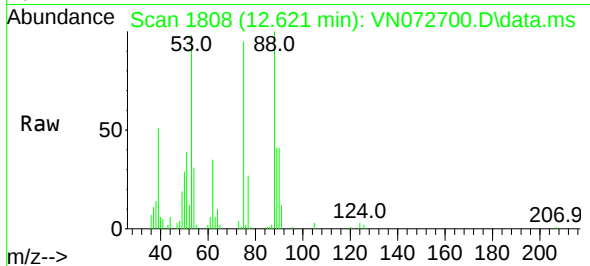
Tgt Ion: 75 Resp: 31310
Ion Ratio Lower Upper
75 100
53 101.7 51.8 155.5
89 43.1 22.9 68.7

Manual Integrations
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Reviewed By :John
Carlone

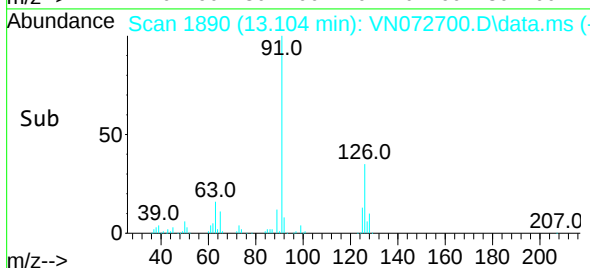
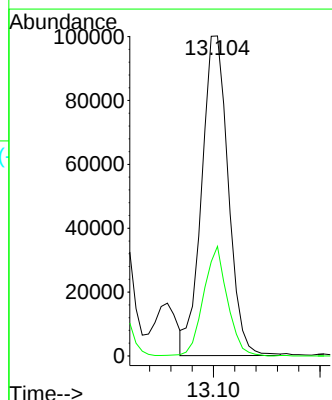
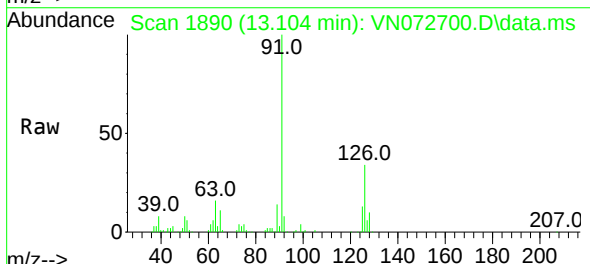
06/09/2022
Supervised By :Mahesh
Dadoda

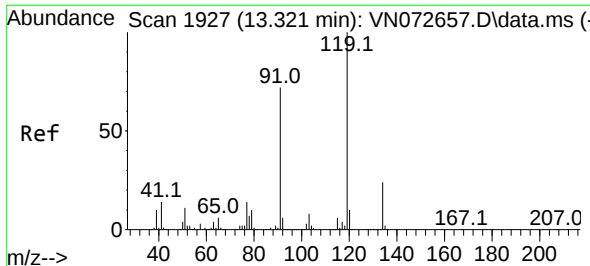
06/09/2022



#78
4-Chlorotoluene
Concen: 18.582 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

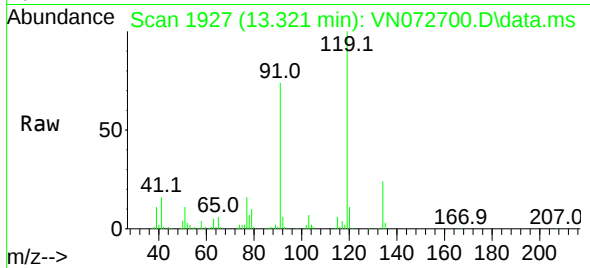
Tgt Ion: 91 Resp: 173190
Ion Ratio Lower Upper
91 100
126 30.9 0.0 70.6





#79
tert-butylbenzene
Concen: 18.995 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



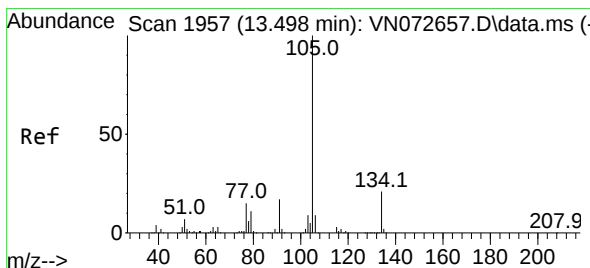
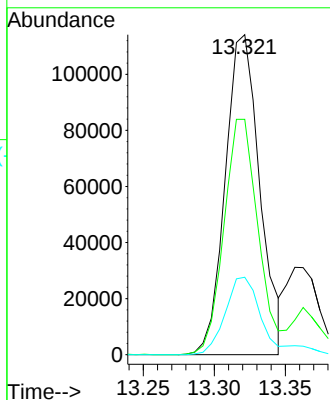
Tgt Ion:119 Resp: 193598
Ion Ratio Lower Upper
119 100
91 72.0 0.0 137.0
134 23.9 0.0 47.6

Manual Integrations
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Reviewed By :John
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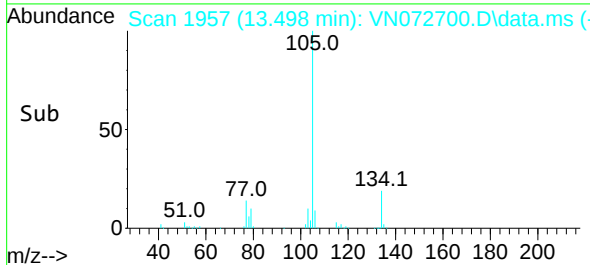
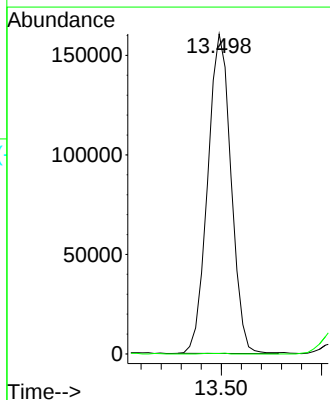
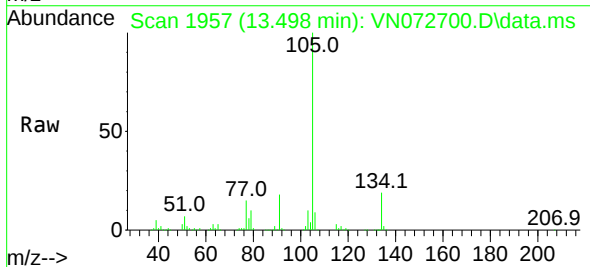
06/09/2022
Supervised By :Mahesh
Dadoda

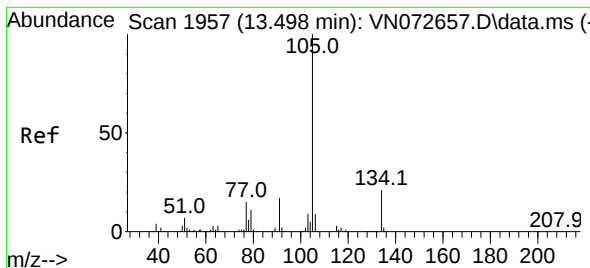
06/09/2022



#80
1,2,4-Trimethylbenzene
Concen: 18.878 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Tgt Ion:105 Resp: 259858
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 18.878 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072700.D
 Acq: 08 Jun 2022 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

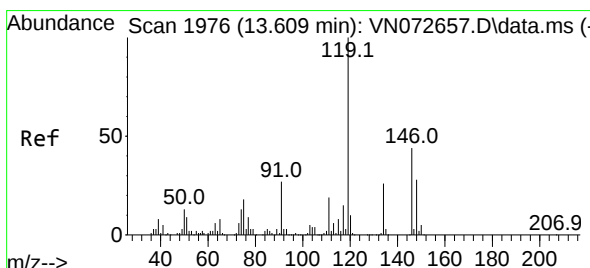
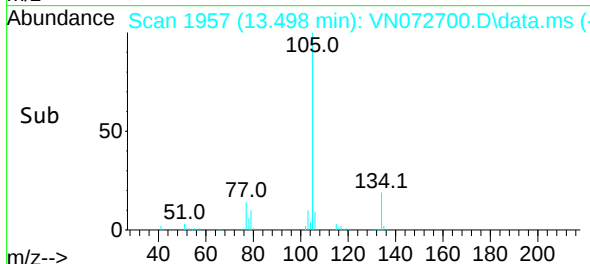
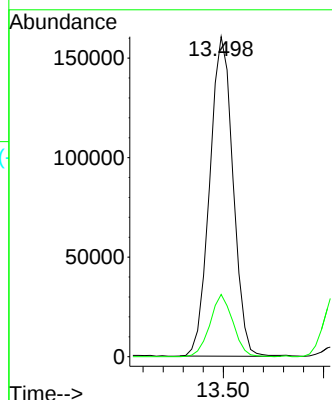
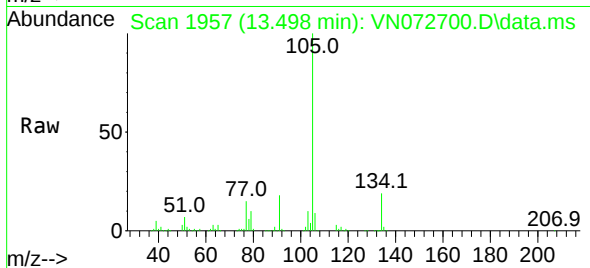
Tgt Ion:105 Resp: 259858
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 39.4

Manual Integrations
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Reviewed By :John
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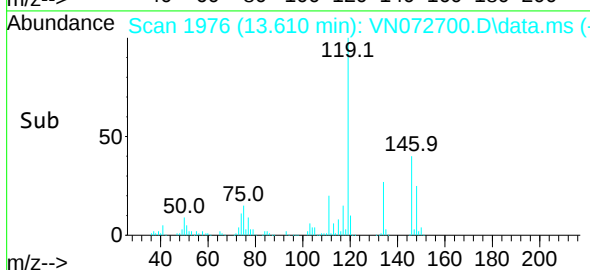
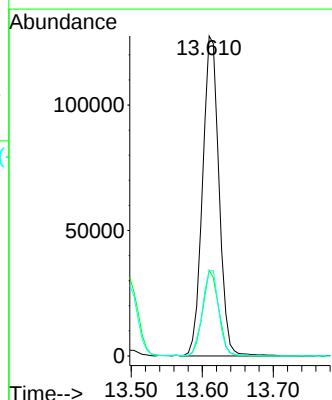
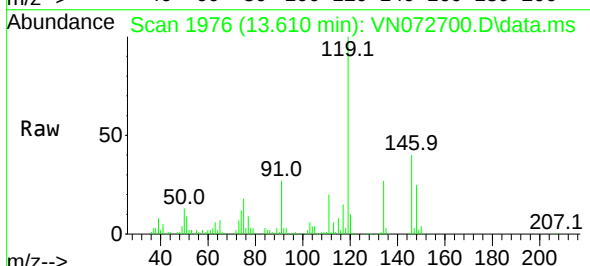
06/09/2022
 Supervised By :Mahesh
 Dadoda

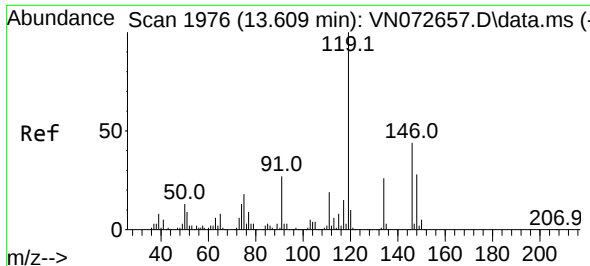
06/09/2022



#82
 p-Isopropyltoluene
 Concen: 18.702 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072700.D
 Acq: 08 Jun 2022 13:55

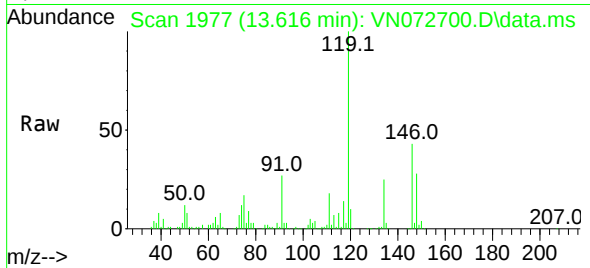
Tgt Ion:119 Resp: 205507
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.8
 91 26.8 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 18.503 ug/l
RT: 13.616 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



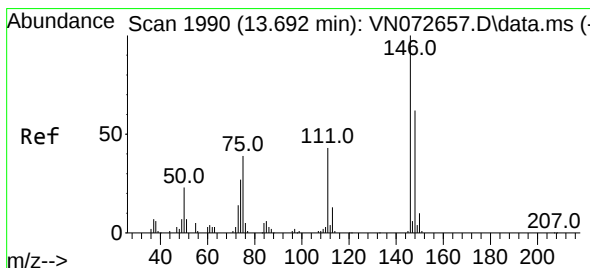
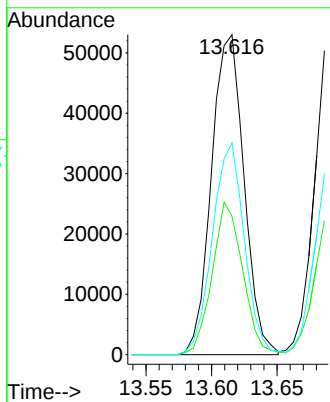
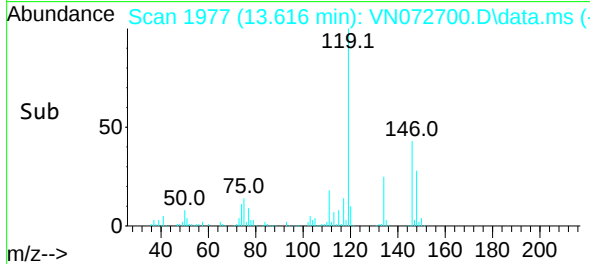
Tgt Ion:146 Resp: 91590
Ion Ratio Lower Upper
146 100
111 44.7 20.8 62.2
148 65.0 31.4 94.3

Manual Integrations
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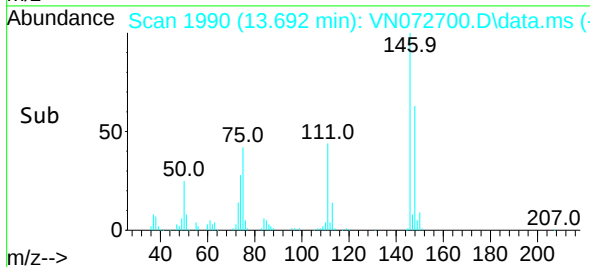
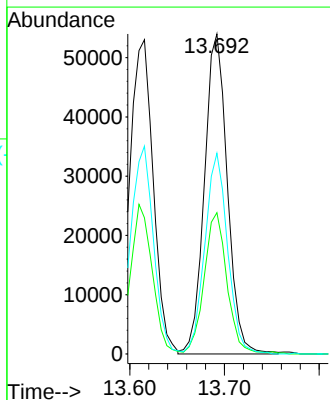
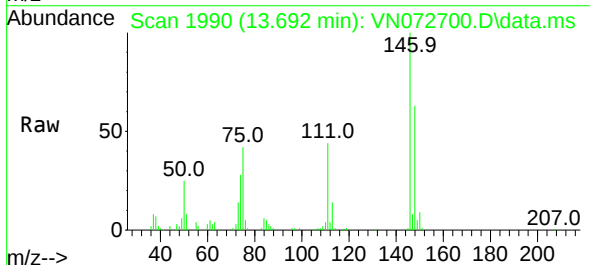
06/09/2022
Supervised By :Mahesh
Dadoda

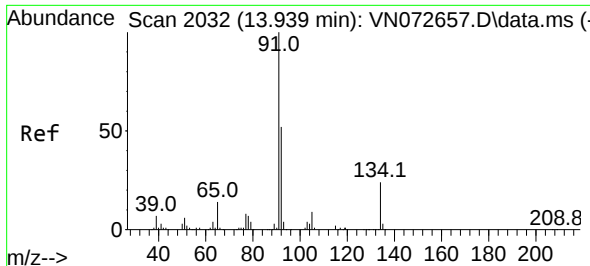
06/09/2022



#84
1,4-Dichlorobenzene
Concen: 18.865 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

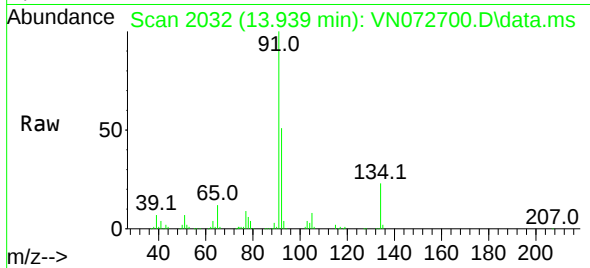
Tgt Ion:146 Resp: 90668
Ion Ratio Lower Upper
146 100
111 43.9 19.5 58.5
148 62.3 31.1 93.5





#85
n-Butylbenzene
Concen: 18.480 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



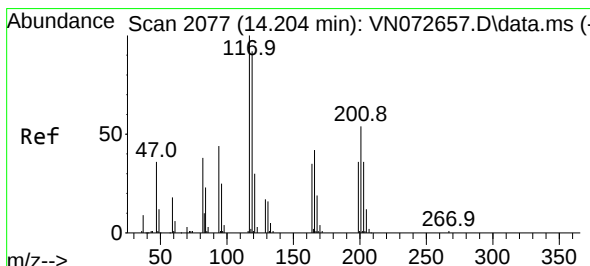
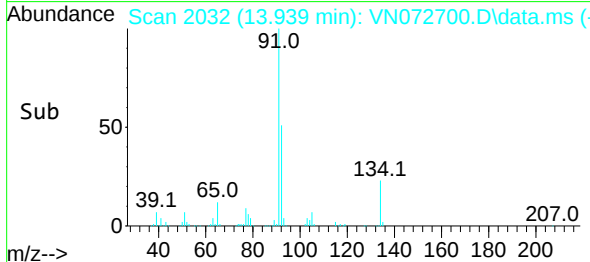
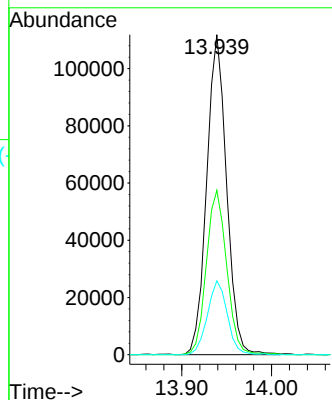
Tgt Ion: 91 Resp: 17218
Ion Ratio Lower Upper
91 100
92 52.3 0.0 100.6
134 23.0 0.0 50.2

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Reviewed By :John
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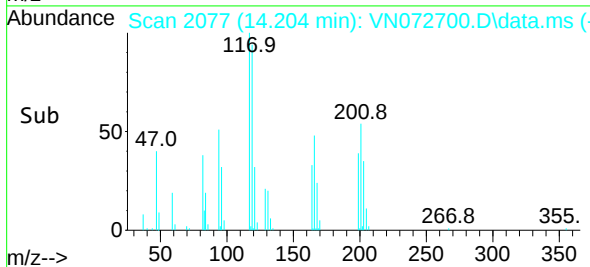
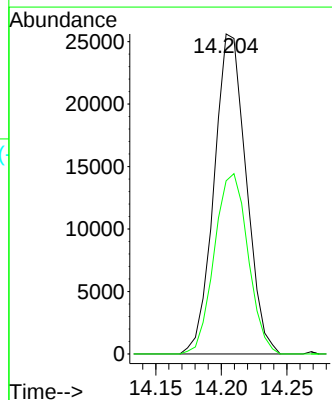
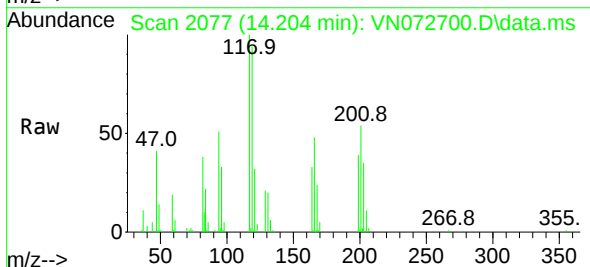
06/09/2022
Supervised By :Mahesh
Dadoda

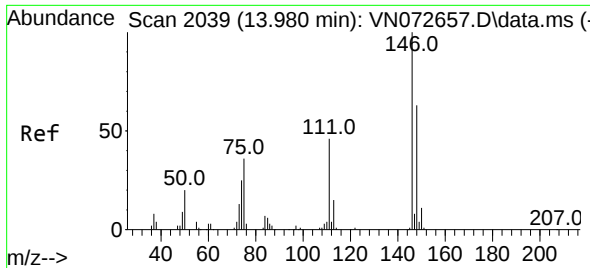
06/09/2022



#86
Hexachloroethane
Concen: 17.907 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Tgt Ion:117 Resp: 43543
Ion Ratio Lower Upper
117 100
201 59.1 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 18.863 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

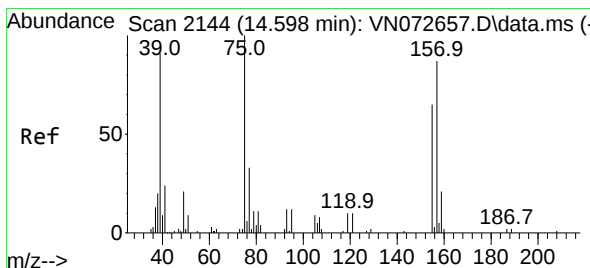
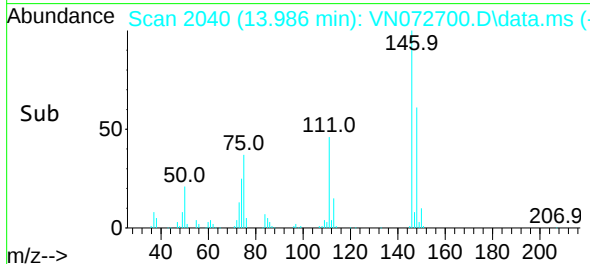
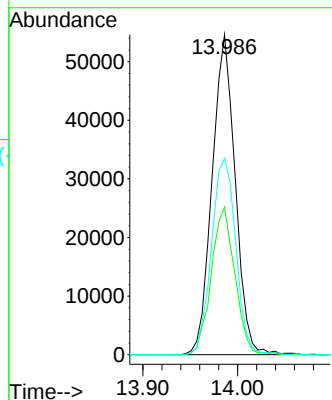
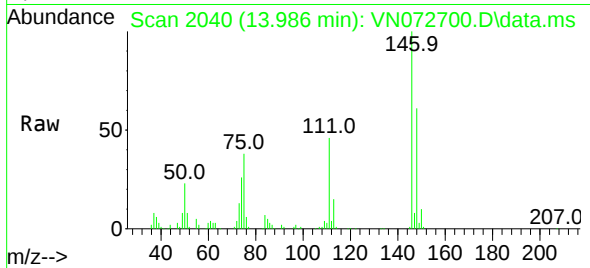
Tgt Ion:146 Resp: 9240
Ion Ratio Lower Upper
146 100
111 46.9 21.4 64.2
148 64.7 32.5 97.4

Manual Integrations
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Reviewed By :John
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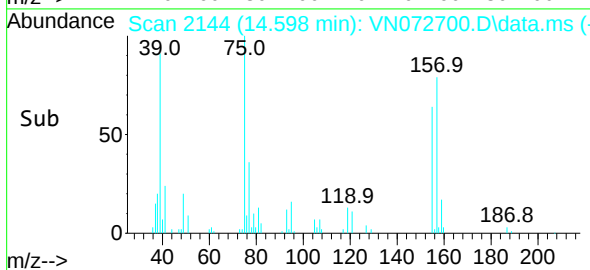
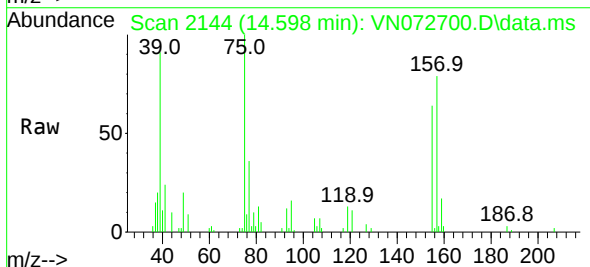
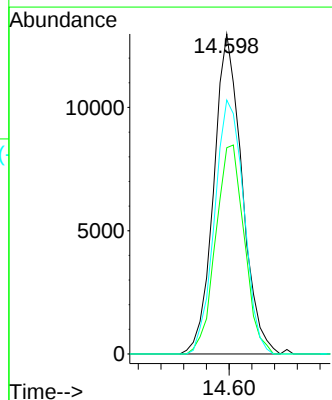
06/09/2022
Supervised By :Mahesh
Dadoda

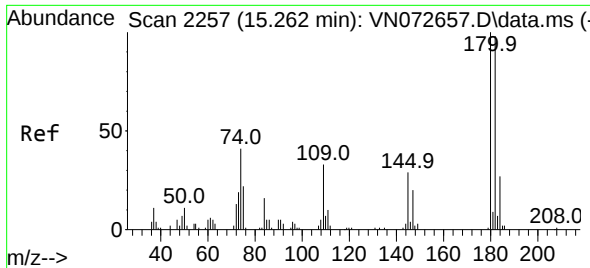
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#88
1,2-Dibromo-3-Chloropropane
Concen: 18.994 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

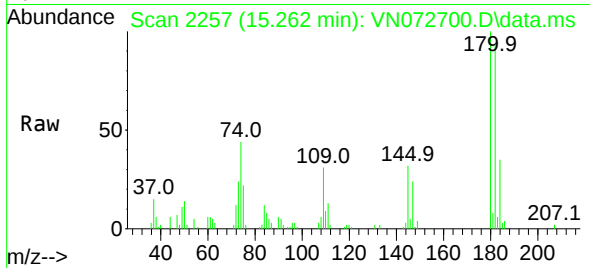
Tgt Ion: 75 Resp: 22422
Ion Ratio Lower Upper
75 100
155 66.3 63.8 95.8
157 82.1 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 17.864 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



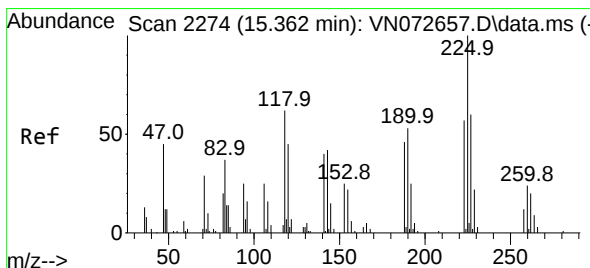
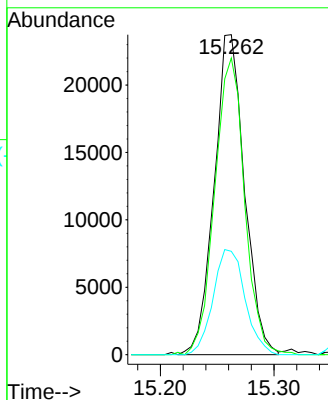
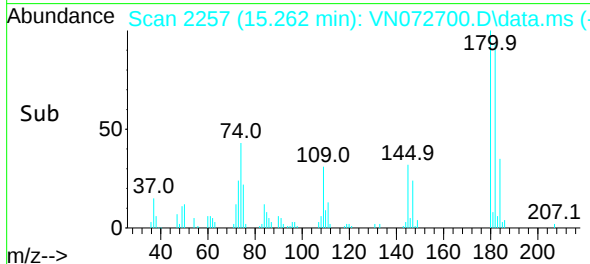
Tgt Ion:180 Resp: 44099
Ion Ratio Lower Upper
180 100
182 91.1 77.7 116.5
145 34.6 26.6 39.8

Manual Integrations
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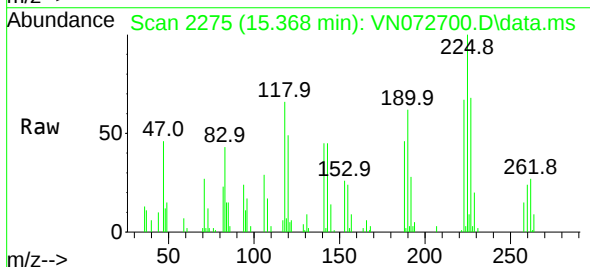
Reviewed By :John
Carlone

06/09/2022
Supervised By :Mahesh
Dadoda

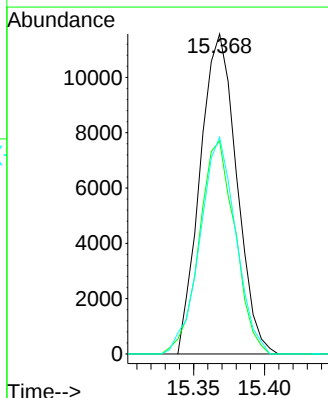
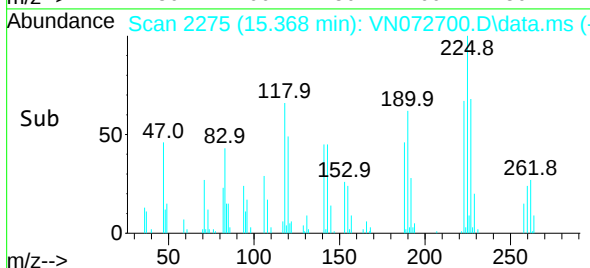
06/09/2022

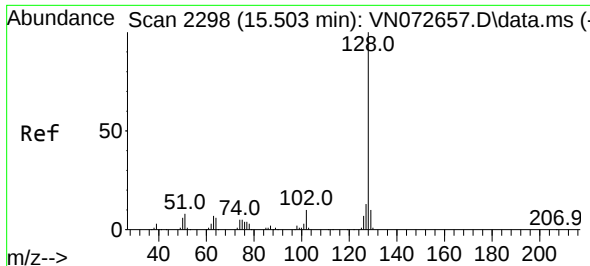


#90
Hexachlorobutadiene
Concen: 18.686 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55



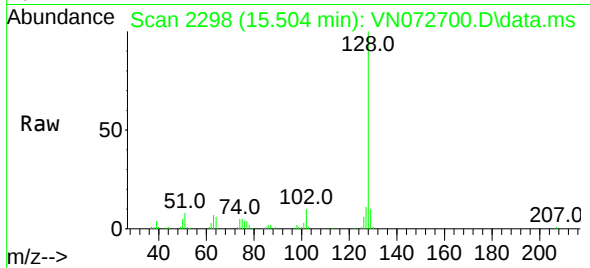
Tgt Ion:225 Resp: 20695
Ion Ratio Lower Upper
225 100
223 65.3 0.0 126.8
227 66.4 0.0 123.0





#91
Naphthalene
Concen: 17.517 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



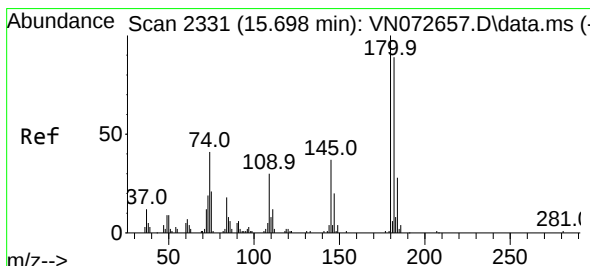
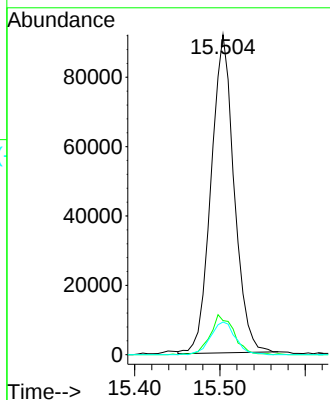
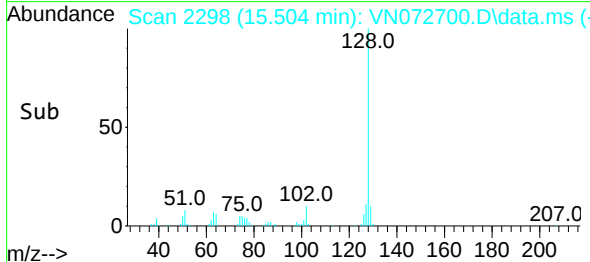
Tgt Ion:128 Resp: 172538
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 11.1 9.0 13.6

Manual Integrations
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Reviewed By :John
Carlone

06/09/2022
Supervised By :Mahesh
Dadoda

06/09/2022



#92
1,2,3-Trichlorobenzene
Concen: 18.763 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072700.D
Acq: 08 Jun 2022 13:55

Tgt Ion:180 Resp: 47121
Ion Ratio Lower Upper
180 100
182 94.0 0.0 190.0
145 37.7 0.0 67.8

