

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042224\
 Data File : VN081820.D
 Acq On : 22 Apr 2024 09:40
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Apr 23 06:53:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 04/23/2024
 Supervised By :Mahesh
 Dadoda
 04/23/2024

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

Internal Standards						
1) Bromochloromethane	7.806	128	14938	30.000	ug/l	-0.02
28) 1,4-Difluorobenzene	9.100	114	105554	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	142424	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	60691	33.072	ug/l	-0.01
Spiked Amount 30.000	Range 91 - 110		Recovery = 110.233%#			
60) 4-Bromofluorobenzene	12.847	95	86654	30.947	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 103.167%			
63) Toluene-d8	10.565	98	177310	31.036	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.467%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	29856	14.304	ug/l	92
3) Chloromethane	2.360	50	35832	19.787	ug/l	99
4) Vinyl Chloride	2.518	62	43536	23.380	ug/l	99
5) Bromomethane	2.965	94	36404	23.084	ug/l	85
6) Chloroethane	3.118	64	37734	25.890	ug/l	96
7) Trichlorofluoromethane	3.507	101	36840	12.050	ug/l	95
8) Diethyl Ether	3.959	74	18339	16.083	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	39795	18.973	ug/l	96
10) 1,1-Dichloroethene	4.342	96	33163	17.240	ug/l	99
11) Methyl Iodide	4.583	142	33821	15.525	ug/l	91
12) Methyl Acetate	5.024	43	33017	18.692	ug/l #	80
13) Acrolein	4.177	56	21330	91.691	ug/l #	58
14) Acrylonitrile	5.718	53	80531	91.592	ug/l	99
15) Acetone	4.424	58	16944	87.621	ug/l	93
16) Carbon Disulfide	4.712	76	95529	17.465	ug/l	98
17) Allyl chloride	5.024	41	43194	18.562	ug/l	86
18) Methylene Chloride	5.277	84	41565	18.765	ug/l #	90
19) trans-1,2-Dichloroethene	5.789	96	39233	18.599	ug/l	85
20) Diisopropyl ether	6.665	45	115376	20.826	ug/l #	88
21) 1,1-Dichloroethane	6.565	63	76809	20.795	ug/l	100
22) cis-1,2-Dichloroethene	7.489	96	49492	19.429	ug/l	98
23) tert-Butyl Alcohol	5.512	59	23698m	75.926	ug/l	
24) Methyl tert-Butyl Ether	5.789	73	110524	18.371	ug/l #	90
25) Chloroform	7.965	83	90159	21.453	ug/l	94
26) Cyclohexane	8.259	56	58938	19.904	ug/l #	88
29) 1,1-Dichloropropene	8.371	75	57030	20.551	ug/l	96
30) 2-Butanone	7.483	43	100487	94.816	ug/l #	97
31) 2,2-Dichloropropane	7.483	77	71100	20.570	ug/l #	74
32) 1,1,1-Trichloroethane	8.165	97	82108	21.468	ug/l	99
33) Carbon Tetrachloride	8.359	117	68225	19.680	ug/l #	93
34) Benzene	8.606	78	181162	20.266	ug/l	98
35) Methacrylonitrile	7.777	41	26532	22.102	ug/l	91
36) 1,2-Dichloroethane	8.671	62	65106	22.204	ug/l	96
37) Trichloroethene	9.353	130	46971	19.856	ug/l	90
38) Methylcyclohexane	9.600	83	60237	17.760	ug/l	99
39) 1,2-Dichloropropane	9.624	63	45935	22.026	ug/l	94
40) Dibromomethane	9.706	93	35098	21.128	ug/l	99
41) Bromodichloromethane	9.888	83	71478	21.100	ug/l	95
42) Vinyl Acetate	6.606	43	450554	102.052	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042224\
 Data File : VN081820.D
 Acq On : 22 Apr 2024 09:40
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Apr 23 06:53:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John

Carlone

04/23/2024

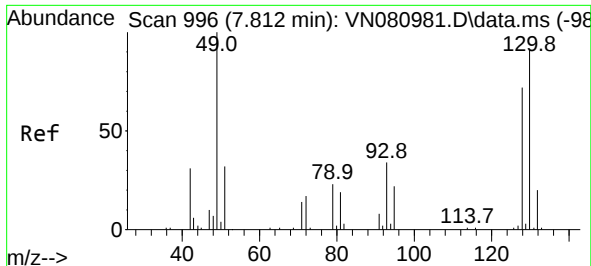
Supervised By :Mahesh

Dadoda

04/23/2024

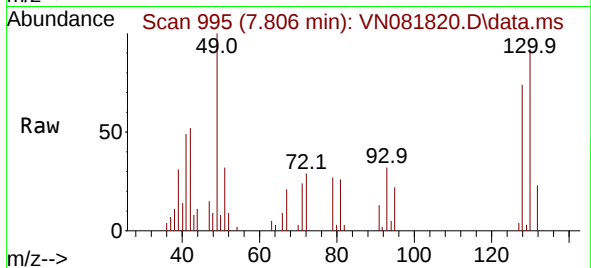
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) Ethyl Acetate	7.553	43	44258	18.948	ug/l	#	81
44) Isopropyl Acetate	8.689	43	79079	20.206	ug/l		96
45) 1,4-Dioxane	9.700	88	14710	340.492	ug/l	#	90
46) Methyl methacrylate	9.683	41	34691	19.712	ug/l		87
47) n-amyl Acetate	12.494	43	69250	19.720	ug/l		96
48) t-1,3-Dichloropropene	10.835	75	70251	21.767	ug/l		99
49) cis-1,3-Dichloropropene	10.312	75	74436	21.416	ug/l	#	87
50) 1,1,2-Trichloroethane	11.012	97	46920	21.093	ug/l		95
51) Ethyl methacrylate	10.877	69	58176	18.783	ug/l		96
52) 1,3-Dichloropropane	11.165	76	77830	21.346	ug/l		100
53) Dibromochloromethane	11.359	129	56121	21.121	ug/l		99
54) 1,2-Dibromoethane	11.471	107	45741	19.894	ug/l		98
55) 2-Chloroethyl vinyl ether	10.159	63	174181	114.519	ug/l		98
56) Bromoform	12.582	173	36499	21.482	ug/l		98
58) 4-Methyl-2-Pentanone	10.441	43	247746	101.151	ug/l	#	91
59) 2-Hexanone	11.194	43	184368	100.232	ug/l		89
61) Tetrachloroethene	11.106	164	53242	20.175	ug/l	#	89
62) Toluene	10.630	91	211442	20.406	ug/l		99
64) Chlorobenzene	11.888	112	131593	20.028	ug/l		94
65) 1,1,1,2-Tetrachloroethane	11.959	131	48852	20.469	ug/l		97
66) Ethyl Benzene	11.965	91	214593	19.479	ug/l		96
67) m/p-Xylenes	12.071	106	179431	41.118	ug/l		94
68) o-Xylene	12.400	106	81896	19.769	ug/l		95
69) Styrene	12.412	104	139647	19.794	ug/l		98
70) Isopropylbenzene	12.694	105	206786	19.349	ug/l		97
71) 1,1,2,2-Tetrachloroethane	12.935	83	59824	21.429	ug/l		100
72) 1,2,3-Trichloropropane	12.994	75	54241m	20.986	ug/l		
73) Bromobenzene	12.976	156	55820	21.078	ug/l		89
74) n-propylbenzene	13.035	91	250420	19.575	ug/l		99
75) 2-Chlorotoluene	13.124	91	152349	19.989	ug/l		98
76) 1,3,5-Trimethylbenzene	13.171	105	177043	19.517	ug/l		98
77) t-1,4-Dichloro-2-butene	12.735	75	22996	21.484	ug/l		89
78) 4-Chlorotoluene	13.224	91	153113	20.255	ug/l		94
79) tert-butylbenzene	13.441	119	148459	19.237	ug/l		99
80) 1,2,4-Trimethylbenzene	13.482	105	182121	20.132	ug/l		96
81) sec-Butylbenzene	13.618	105	213547	19.187	ug/l		98
82) p-Isopropyltoluene	13.729	119	176090	18.865	ug/l		95
83) 1,3-Dichlorobenzene	13.735	146	105791	21.375	ug/l		97
84) 1,4-Dichlorobenzene	13.812	146	100591	20.996	ug/l		96
85) n-Butylbenzene	14.059	91	187403	23.835	ug/l		97
86) Hexachloroethane	14.335	117	47349	26.552	ug/l		92
87) 1,2-Dichlorobenzene	14.106	146	136158	28.902	ug/l		97
88) 1,2-Dibromo-3-Chloropr...	14.718	75	15854	26.050	ug/l		95
89) 1,2,4-Trichlorobenzene	15.841	180	69672	26.982	ug/l		97
90) Hexachlorobutadiene	15.500	225	28504	27.547	ug/l		97
91) Naphthalene	15.641	128	208636	25.132	ug/l		99
92) 1,2,3-Trichlorobenzene	15.841	180	69672	26.982	ug/l		97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 995
Delta R.T. -0.018 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

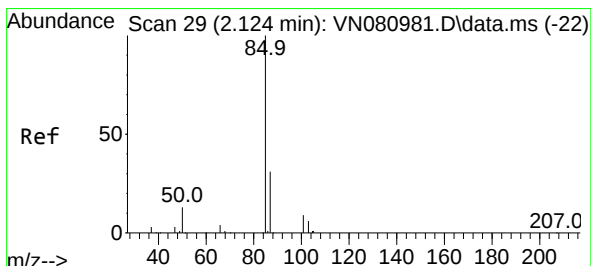
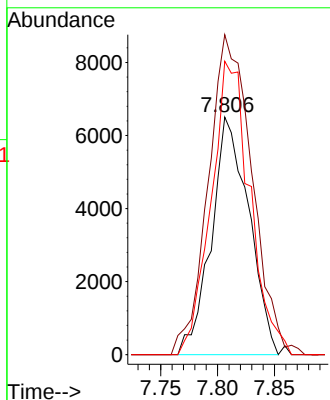
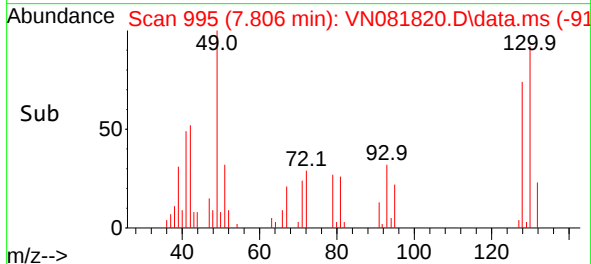


Tgt Ion:128 Resp: 14938
Ion Ratio Lower Upper
128 100
49 155.6 0.0 403.7
130 128.1 0.0 323.3

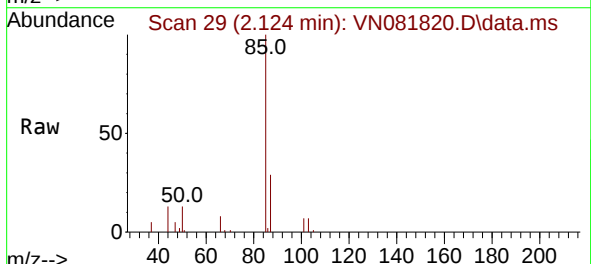
Manual Integrations
APPROVED

Reviewed By :John
Carlone
04/23/2024

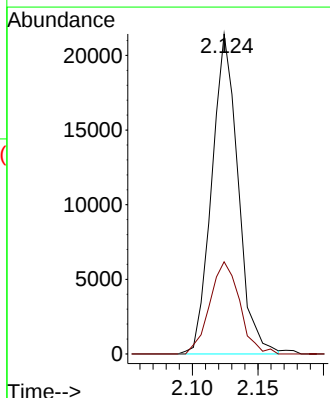
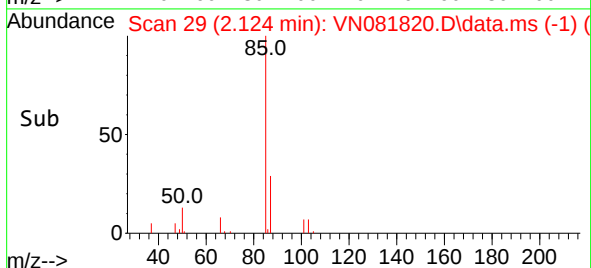
Supervised By :Mahesh
Dadoda
04/23/2024

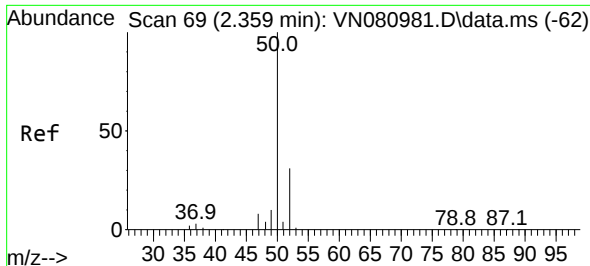


#2
Dichlorodifluoromethane
Concen: 14.304 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40



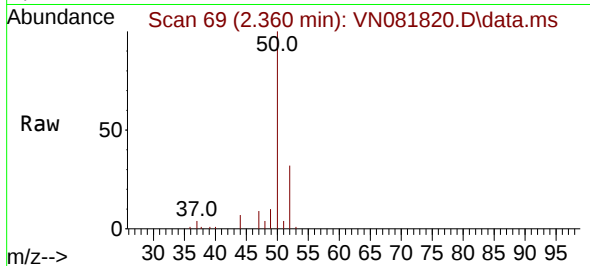
Tgt Ion: 85 Resp: 29856
Ion Ratio Lower Upper
85 100
87 28.8 16.8 50.3





#3
Chloromethane
Concen: 19.787 ug/l
RT: 2.360 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

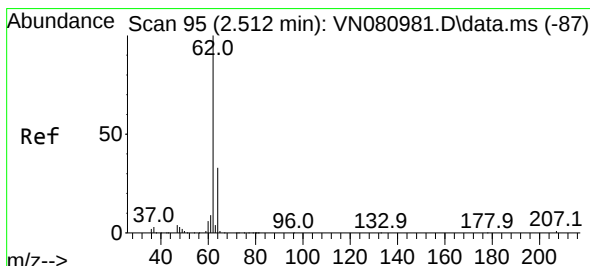
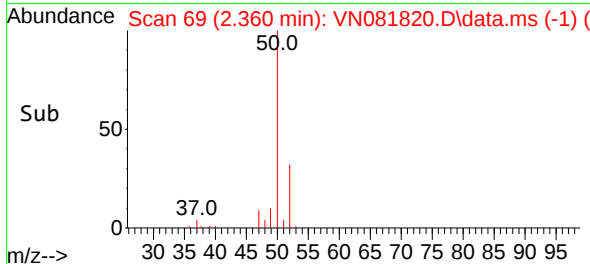
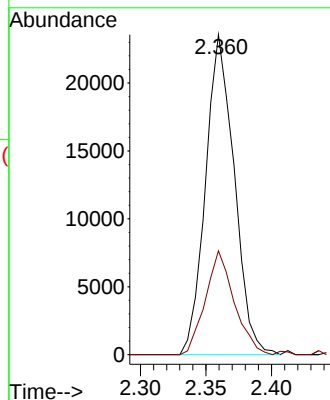


Tgt Ion: 50 Resp: 3583
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.0

Manual Integrations
APPROVED

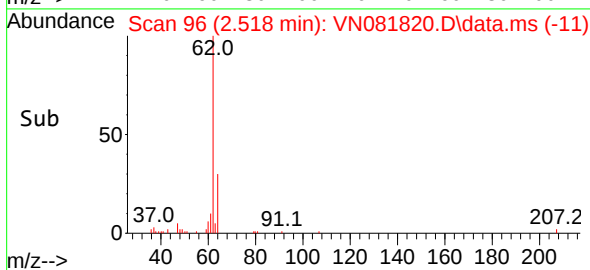
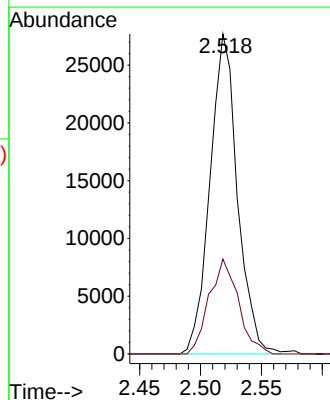
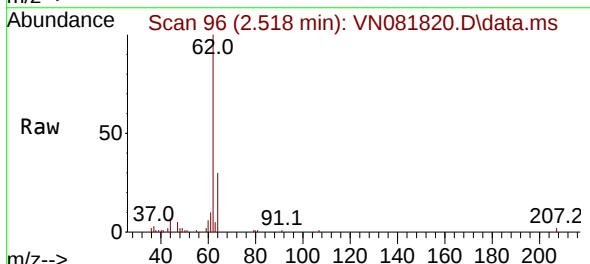
Reviewed By :John
Carlone
04/23/2024

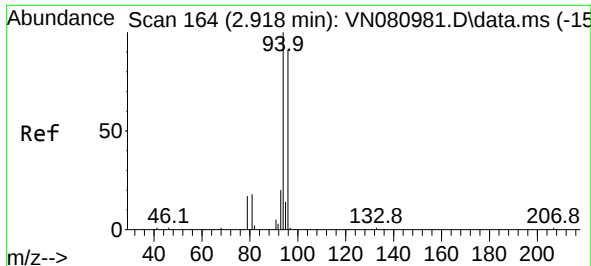
Supervised By :Mahesh
Dadoda
04/23/2024



#4
Vinyl Chloride
Concen: 23.380 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

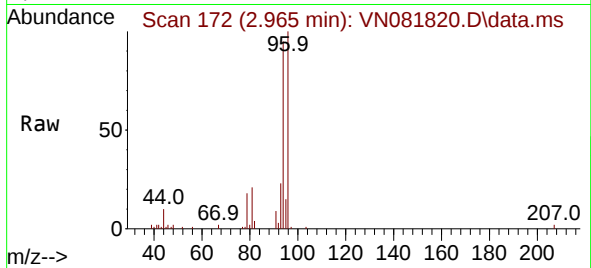
Tgt Ion: 62 Resp: 43536
Ion Ratio Lower Upper
62 100
64 29.7 24.1 36.1





#5
Bromomethane
Concen: 23.084 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

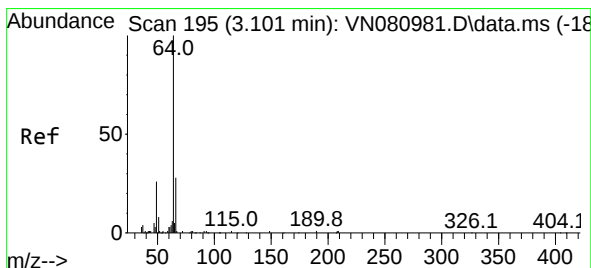
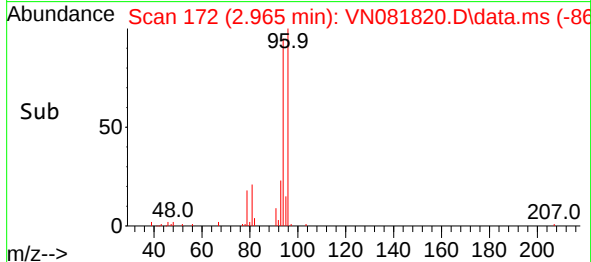
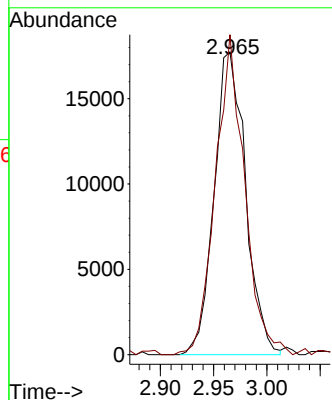


Tgt Ion: 94 Resp: 36404
Ion Ratio Lower Upper
94 100
96 104.8 72.8 109.2

Manual Integrations
APPROVED

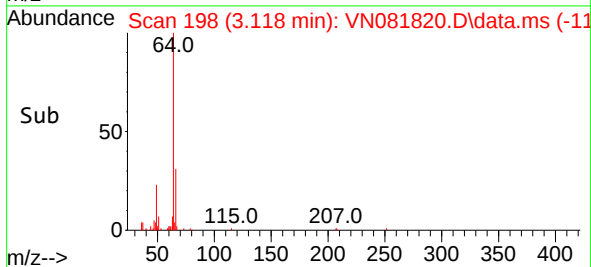
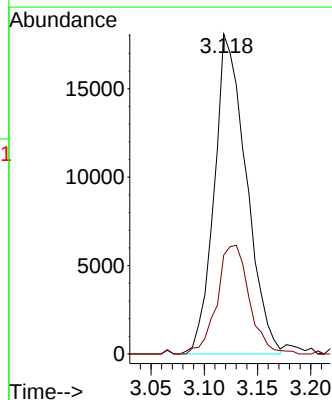
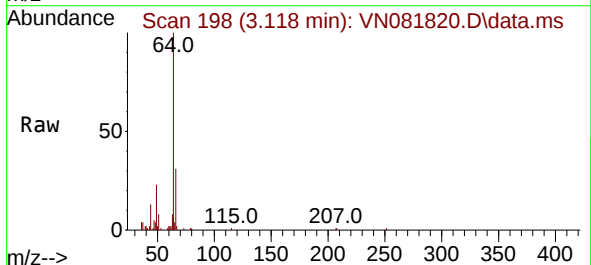
Reviewed By :John
Carlone
04/23/2024

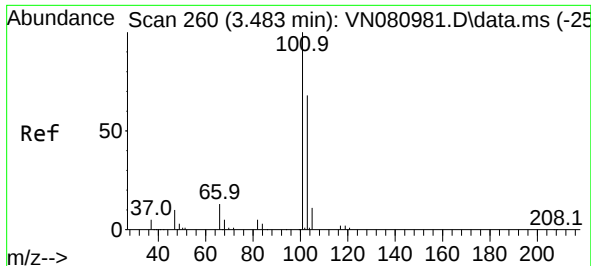
Supervised By :Mahesh
Dadoda
04/23/2024



#6
Chloroethane
Concen: 25.890 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Tgt Ion: 64 Resp: 37734
Ion Ratio Lower Upper
64 100
66 30.9 26.7 40.1





#7
Trichlorofluoromethane
Concen: 12.050 ug/l
RT: 3.507 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

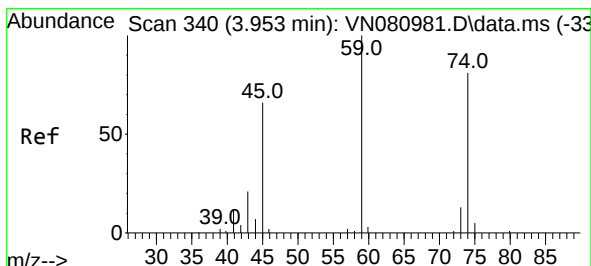
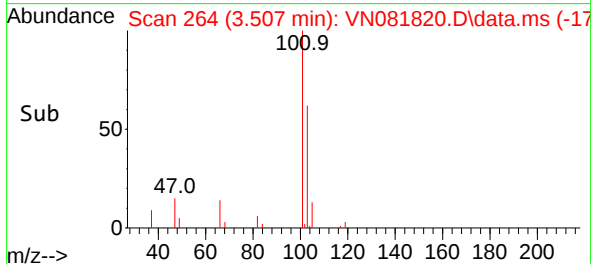
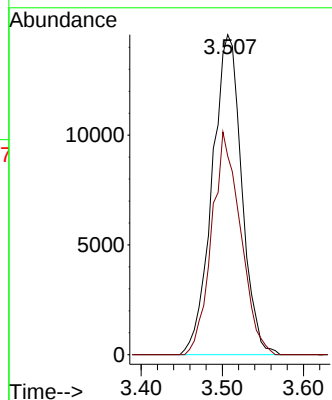
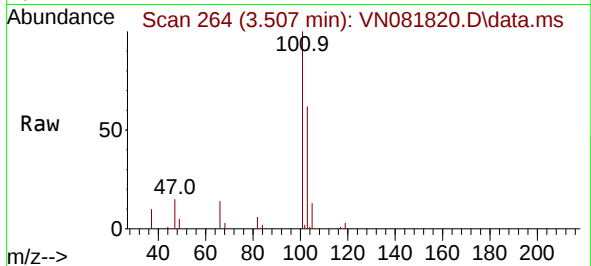
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 36840
Ion Ratio Lower Upper
101 100
103 62.1 53.0 79.4

Manual Integrations
APPROVED

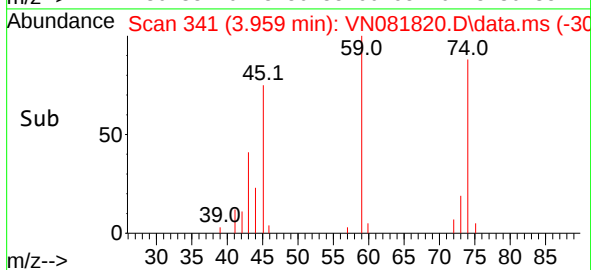
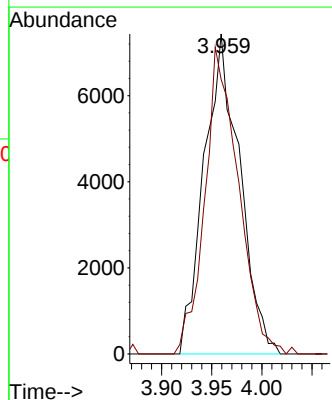
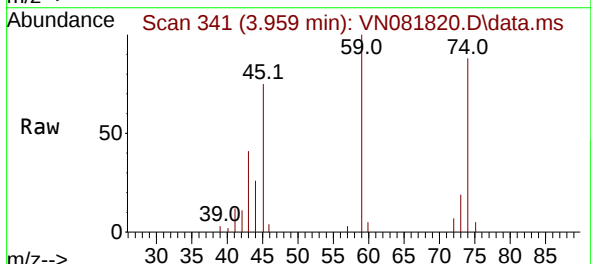
Reviewed By :John
Carlone
04/23/2024

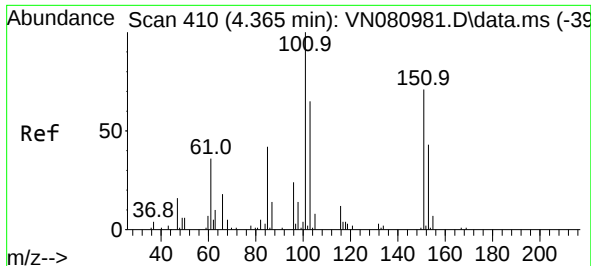
Supervised By :Mahesh
Dadoda
04/23/2024



#8
Diethyl Ether
Concen: 16.083 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Tgt Ion: 74 Resp: 18339
Ion Ratio Lower Upper
74 100
45 90.7 16.4 147.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.973 ug/l
RT: 4.371 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

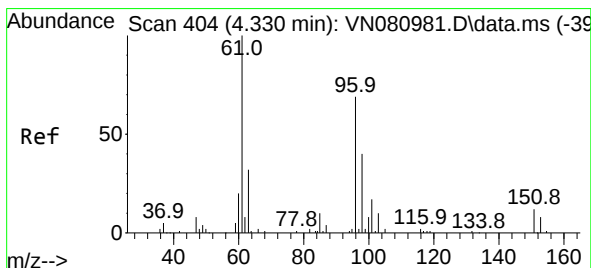
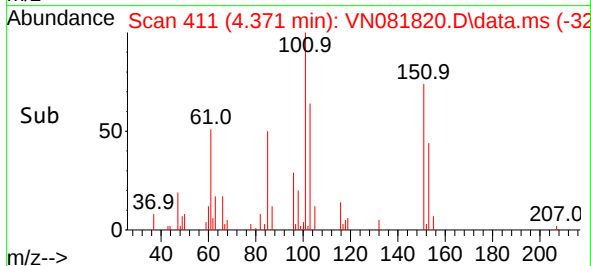
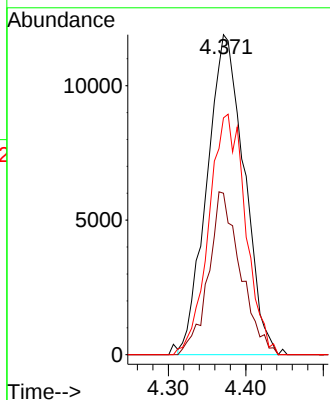
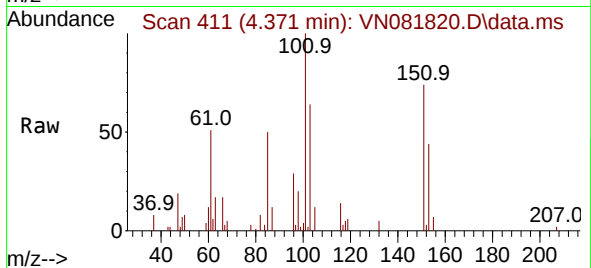
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 3979
Ion Ratio Lower Upper
101 100
85 43.7 0.0 90.6
151 74.1 0.0 157.6

Manual Integrations
APPROVED

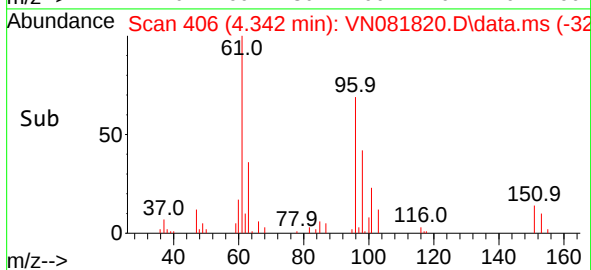
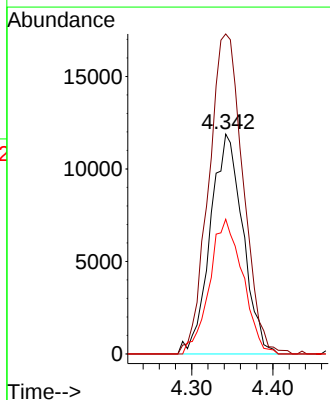
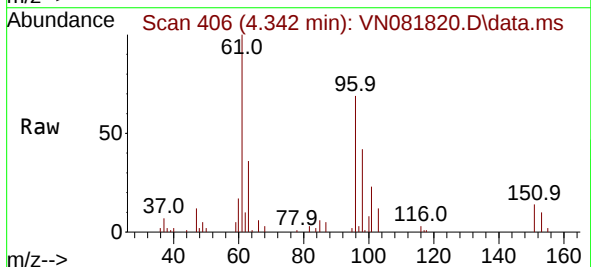
Reviewed By :John
Carlone
04/23/2024

Supervised By :Mahesh
Dadoda
04/23/2024



#10
1,1-Dichloroethene
Concen: 17.240 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

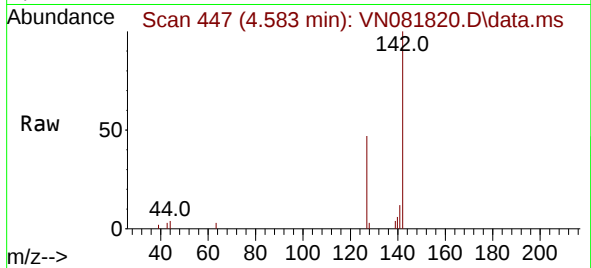
Tgt Ion: 96 Resp: 33163
Ion Ratio Lower Upper
96 100
61 145.6 117.6 176.4
98 61.3 48.4 72.6





#11
Methyl Iodide
Concen: 15.525 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

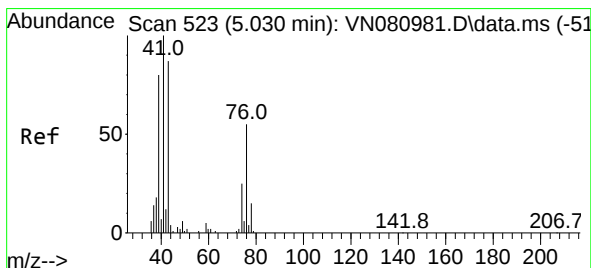
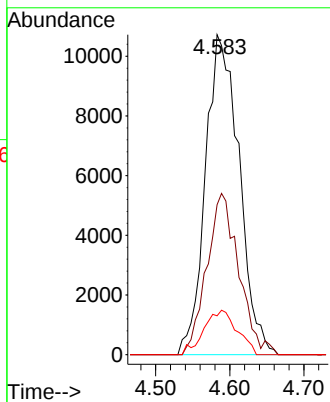
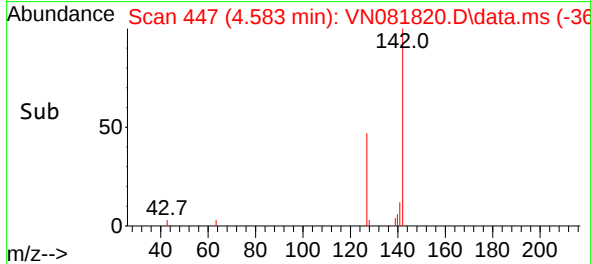


Tgt Ion: 142 Resp: 3382
Ion Ratio Lower Upper
142 100
127 46.8 26.3 78.9
141 12.2 8.3 24.9

Manual Integrations
APPROVED

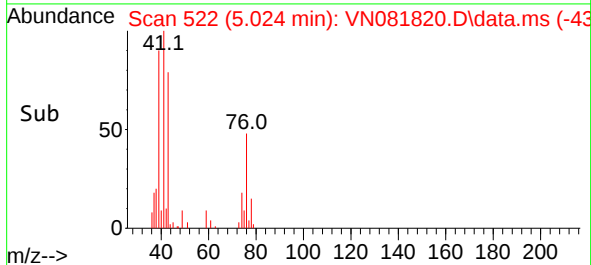
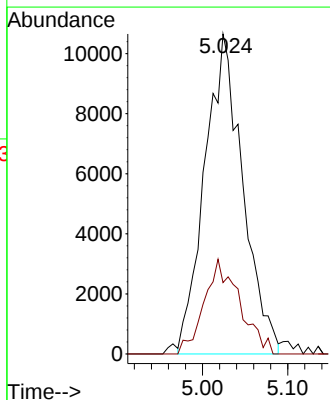
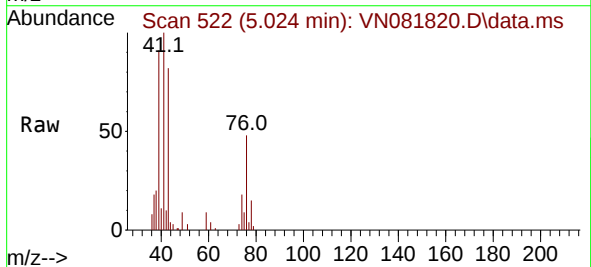
Reviewed By :John
Carlone
04/23/2024

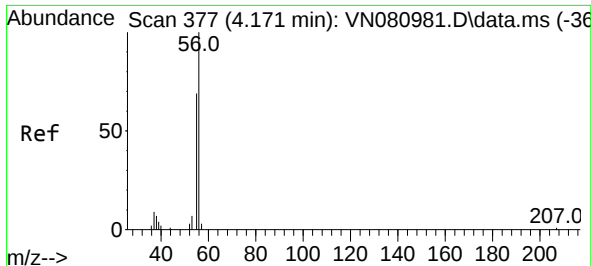
Supervised By :Mahesh
Dadoda
04/23/2024



#12
Methyl Acetate
Concen: 18.692 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

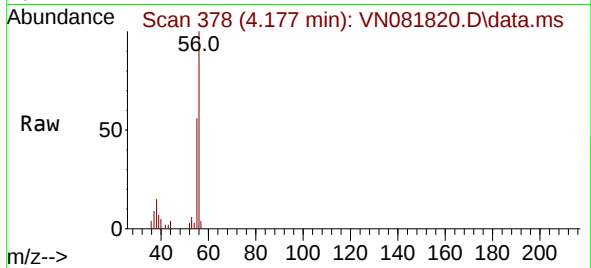
Tgt Ion: 43 Resp: 33017
Ion Ratio Lower Upper
43 100
74 22.9 27.7 41.5#





#13
Acrolein
Concen: 91.691 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

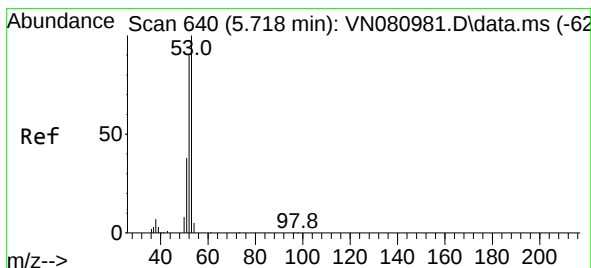
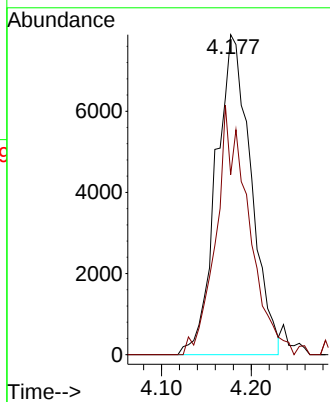
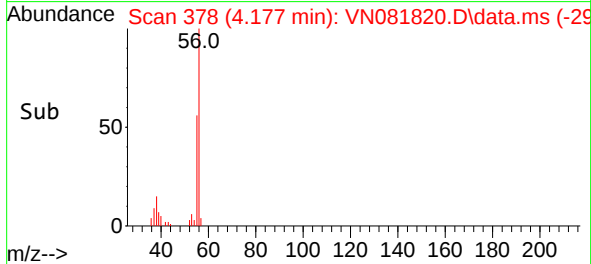


Tgt Ion: 56 Resp: 21330
Ion Ratio Lower Upper
56 100
55 35.4 55.5 83.3

Manual Integrations
APPROVED

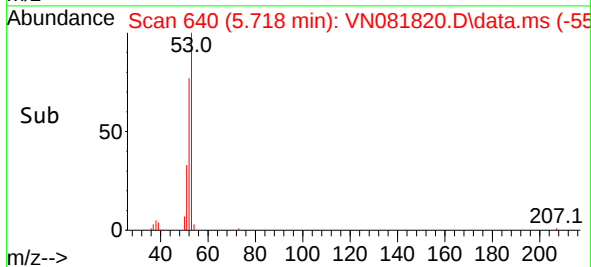
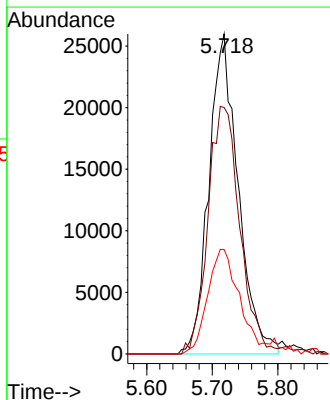
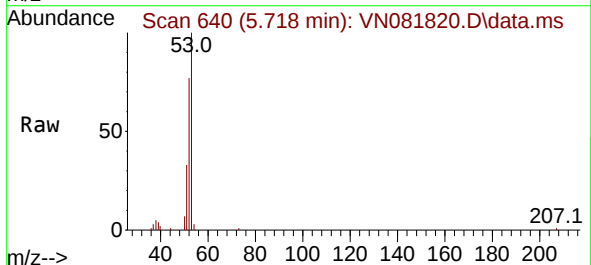
Reviewed By :John
Carlone
04/23/2024

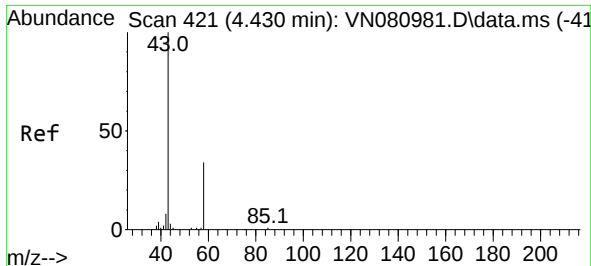
Supervised By :Mahesh
Dadoda
04/23/2024



#14
Acrylonitrile
Concen: 91.592 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Tgt Ion: 53 Resp: 80531
Ion Ratio Lower Upper
53 100
52 83.2 41.3 123.9
51 34.8 16.8 50.3





#15

Acetone

Concen: 87.621 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN081820.D

Acq: 22 Apr 2024 09:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 58 Resp: 1694

Ion Ratio Lower Upper

58 100

43 265.9 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John

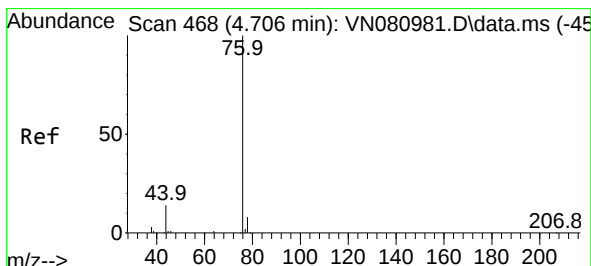
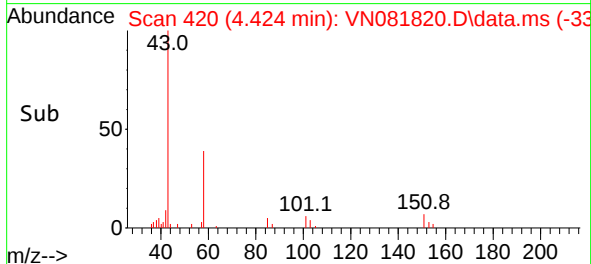
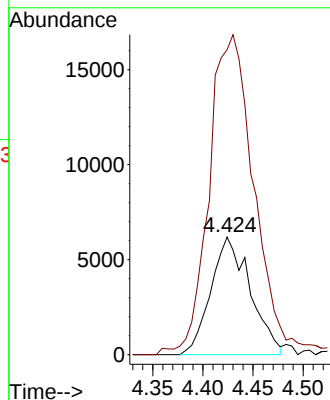
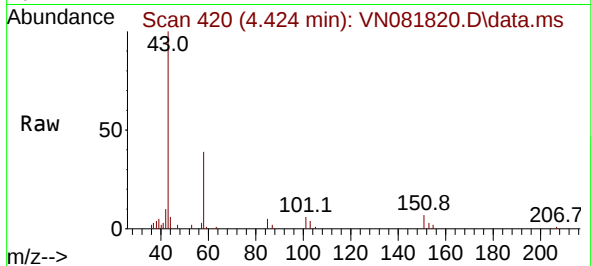
Carlone

04/23/2024

Supervised By :Mahesh

Dadoda

04/23/2024



#16

Carbon Disulfide

Concen: 17.465 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN081820.D

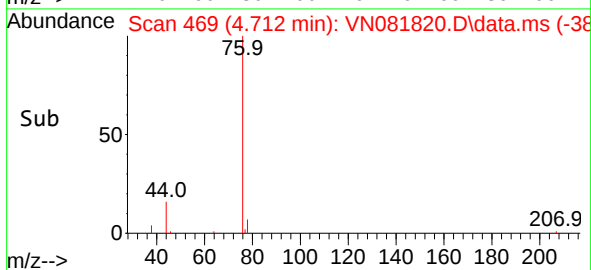
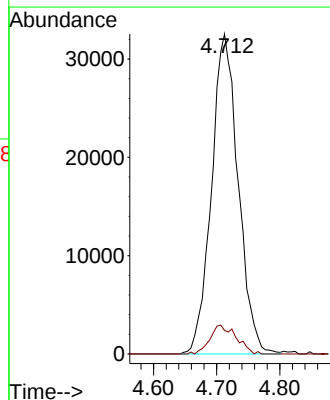
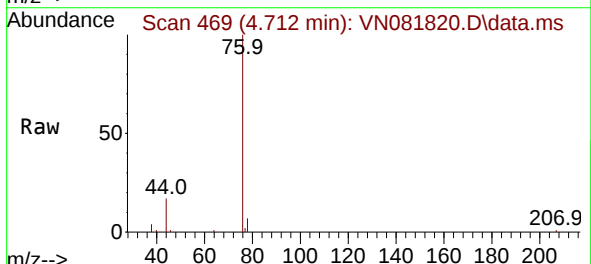
Acq: 22 Apr 2024 09:40

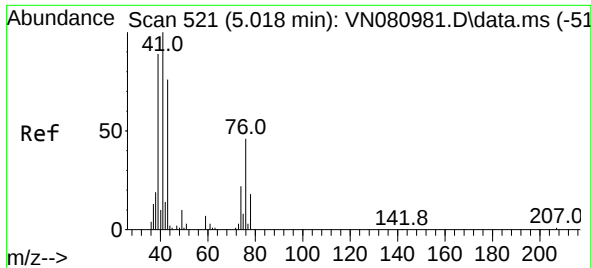
Tgt Ion: 76 Resp: 95529

Ion Ratio Lower Upper

76 100

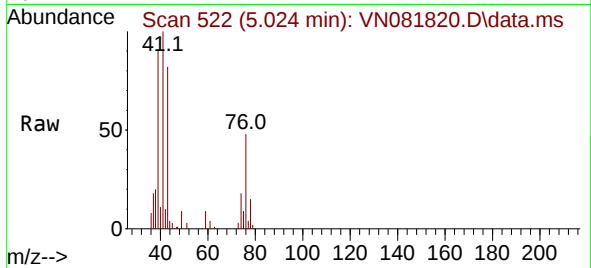
78 7.4 6.3 9.5





#17
 Allyl chloride
 Concen: 18.562 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN081820.D
 Acq: 22 Apr 2024 09:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



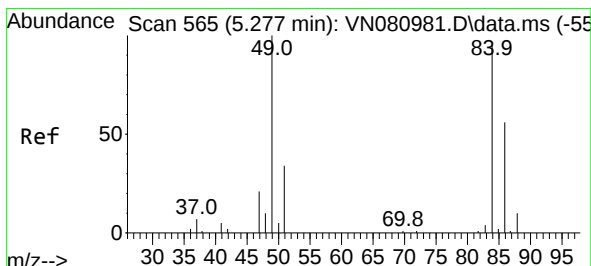
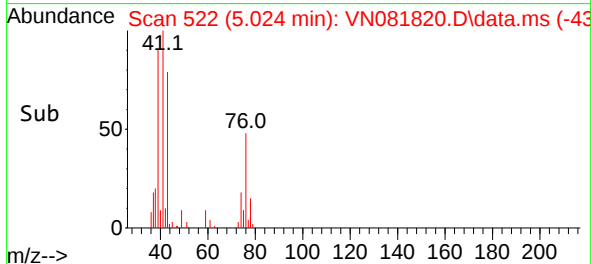
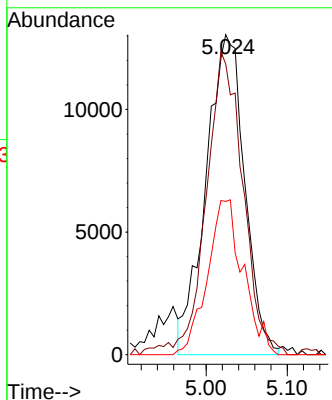
Tgt Ion: 41 Resp: 43194

Ion	Ratio	Lower	Upper
41	100		
39	89.9	37.6	112.9
76	48.8	27.8	83.4

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 04/23/2024

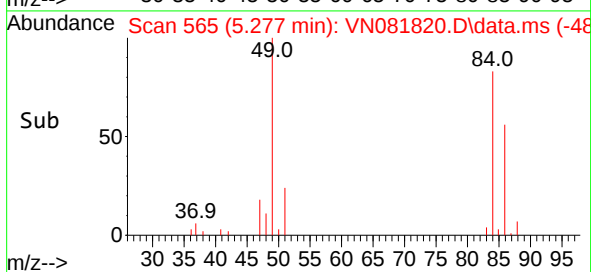
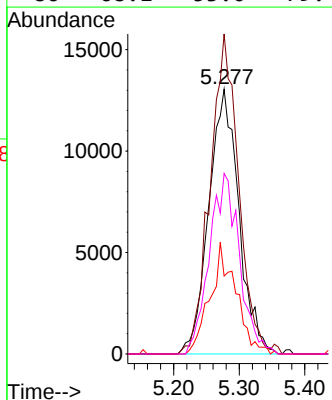
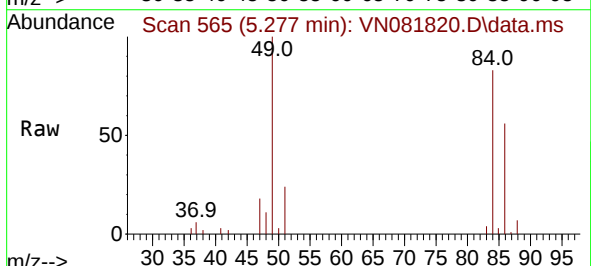
Supervised By :Mahesh
 Dadoda
 04/23/2024

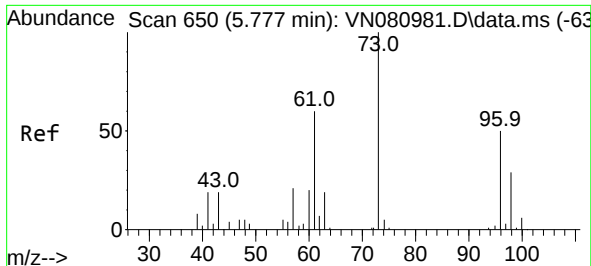


#18
 Methylene Chloride
 Concen: 18.765 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN081820.D
 Acq: 22 Apr 2024 09:40

Tgt Ion: 84 Resp: 41565

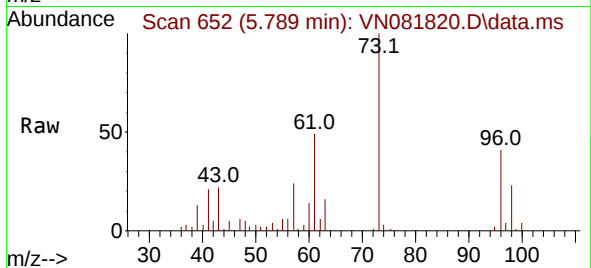
Ion	Ratio	Lower	Upper
84	100		
49	120.8	86.0	129.0
51	29.4	30.0	45.0#
86	68.1	53.0	79.4





#19
trans-1,2-Dichloroethene
Concen: 18.599 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

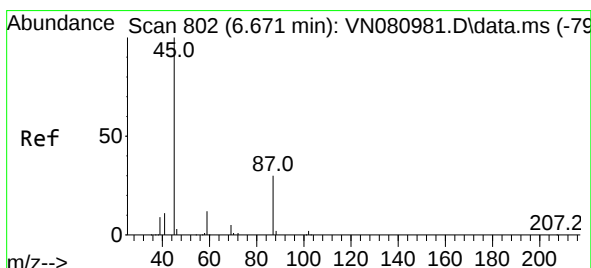
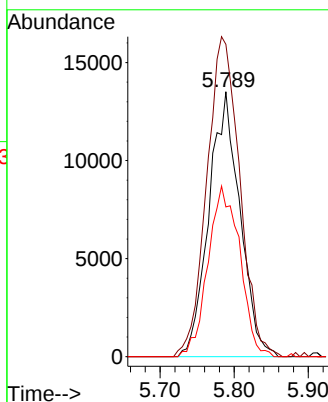
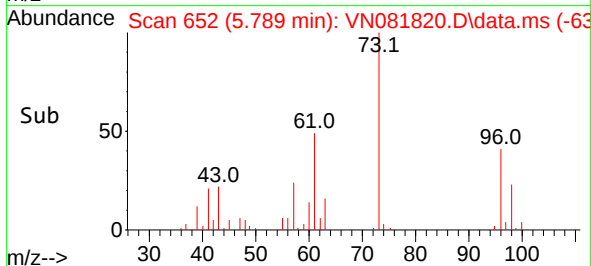


Tgt Ion: 96 Resp: 3923
Ion Ratio Lower Upper
96 100
61 116.7 111.8 167.6
98 56.5 49.2 73.8

Manual Integrations
APPROVED

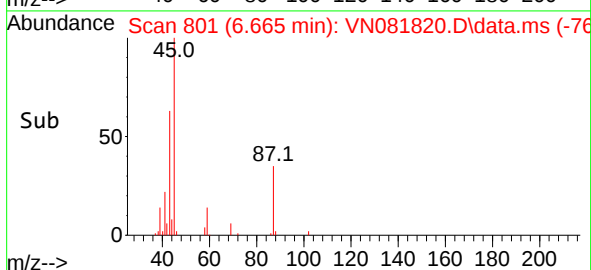
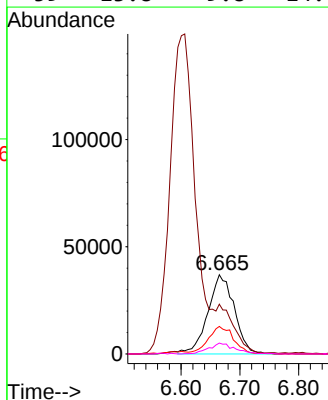
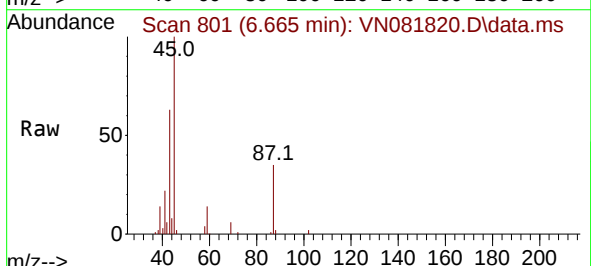
Reviewed By :John
Carlone
04/23/2024

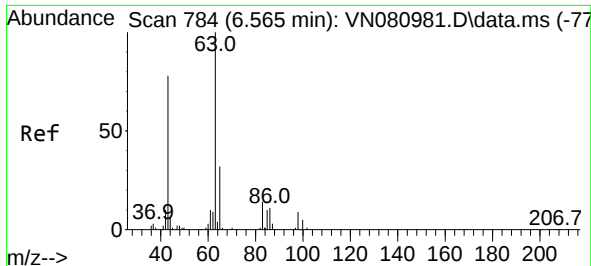
Supervised By :Mahesh
Dadoda
04/23/2024



#20
Diisopropyl ether
Concen: 20.826 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.012 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

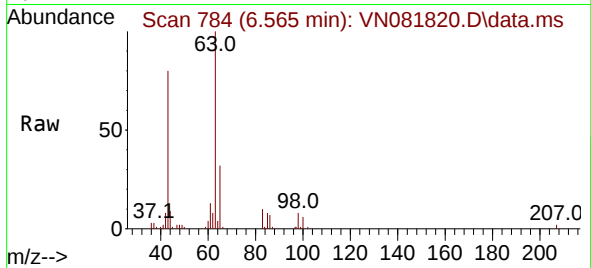
Tgt Ion: 45 Resp: 115376
Ion Ratio Lower Upper
45 100
43 61.5 40.4 60.6#
87 34.8 23.8 35.8
59 13.8 9.8 14.6





#21
1,1-Dichloroethane
Concen: 20.795 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

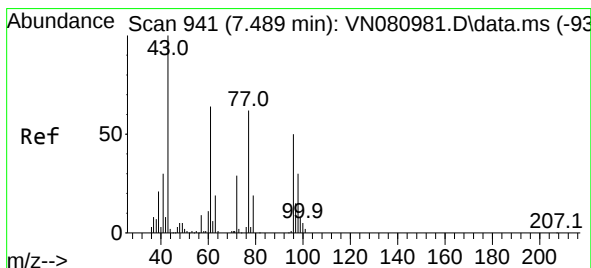
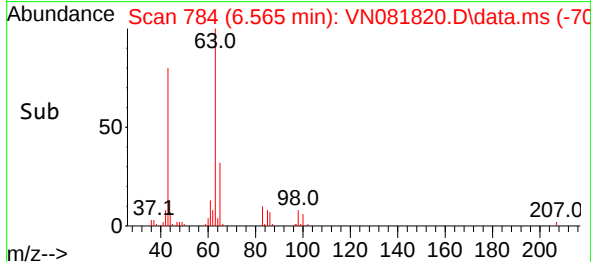
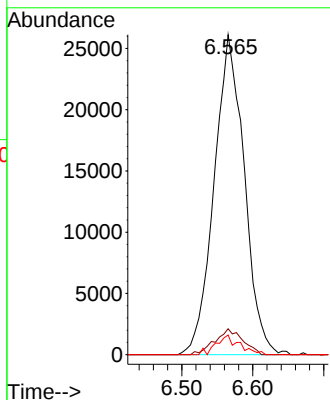


Tgt Ion: 63 Resp: 76809
Ion Ratio Lower Upper
63 100
98 8.1 4.1 12.3
100 6.1 3.0 9.0

Manual Integrations
APPROVED

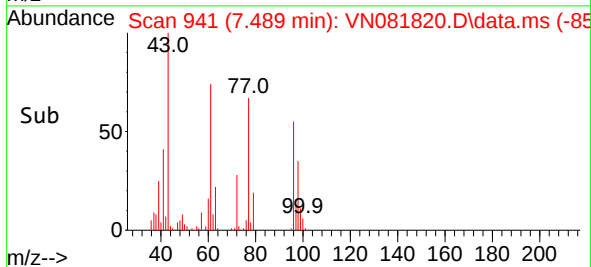
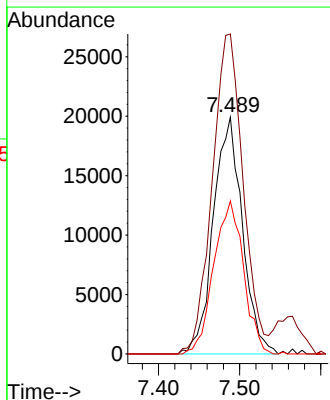
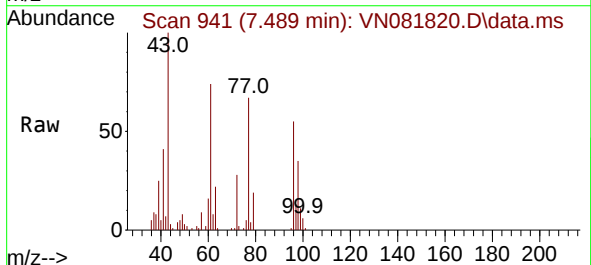
Reviewed By :John
Carlone
04/23/2024

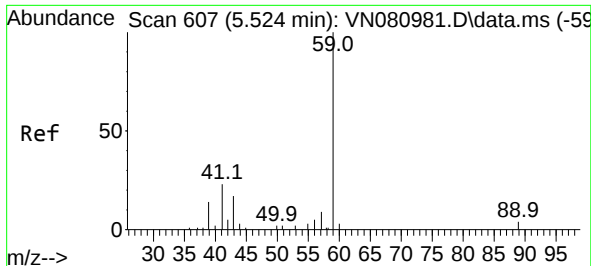
Supervised By :Mahesh
Dadoda
04/23/2024



#22
cis-1,2-Dichloroethene
Concen: 19.429 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

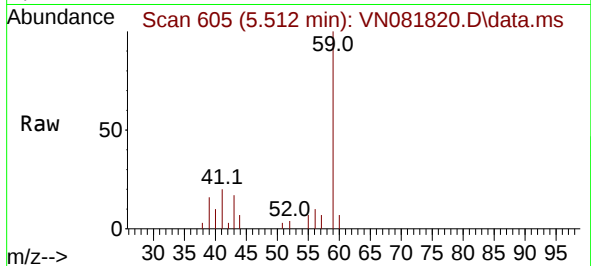
Tgt Ion: 96 Resp: 49492
Ion Ratio Lower Upper
96 100
61 144.4 113.5 170.3
98 66.3 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 75.926 ug/l m
RT: 5.512 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

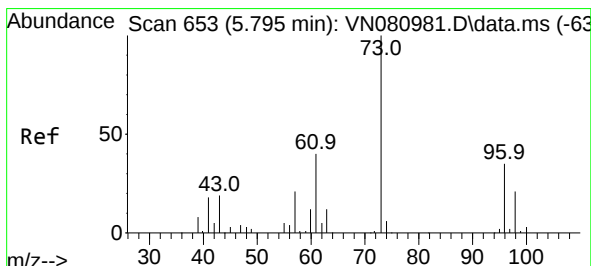
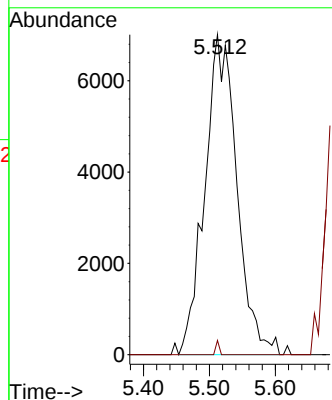
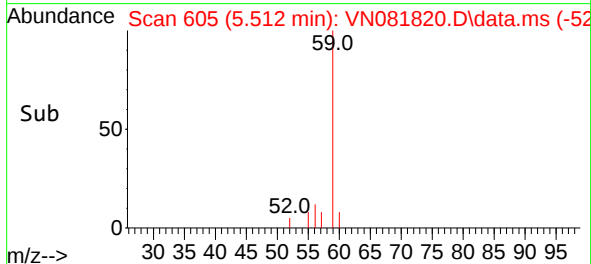


Tgt Ion: 59 Resp: 23698
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

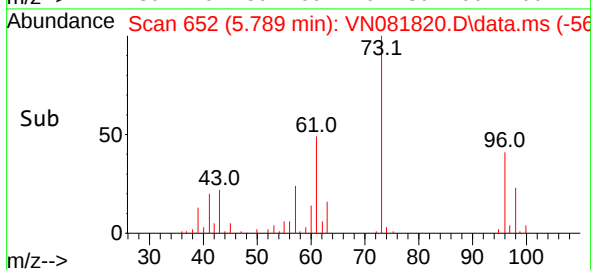
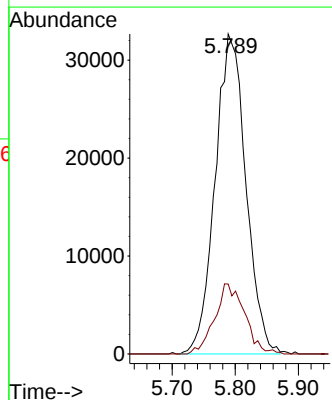
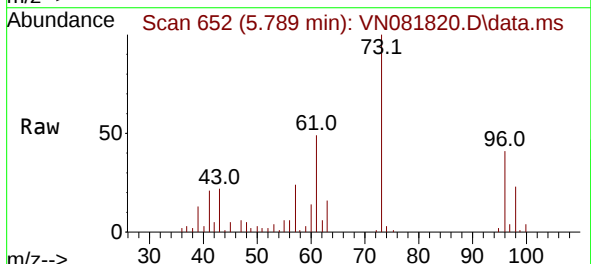
Reviewed By :John
Carlone
04/23/2024

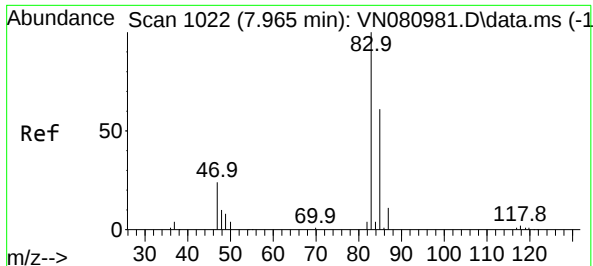
Supervised By :Mahesh
Dadoda
04/23/2024



#24
Methyl tert-Butyl Ether
Concen: 18.371 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Tgt Ion: 73 Resp: 110524
Ion Ratio Lower Upper
73 100
43 21.0 13.4 20.2#





#25

Chloroform

Concen: 21.453 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN081820.D

Acq: 22 Apr 2024 09:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 90159

Ion Ratio Lower Upper

83 100

85 58.7 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John

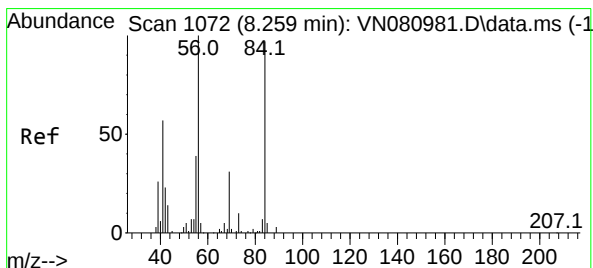
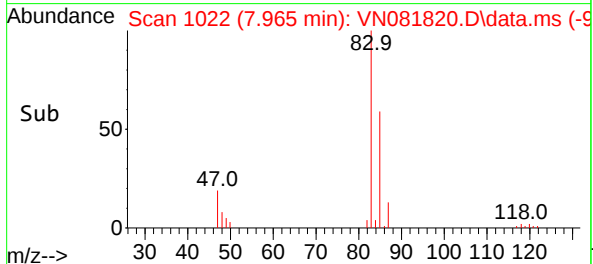
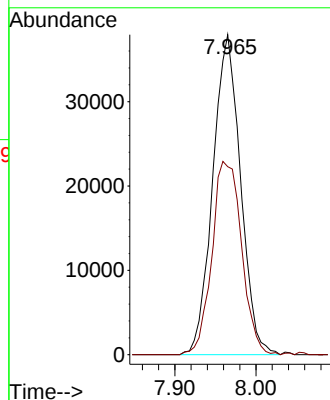
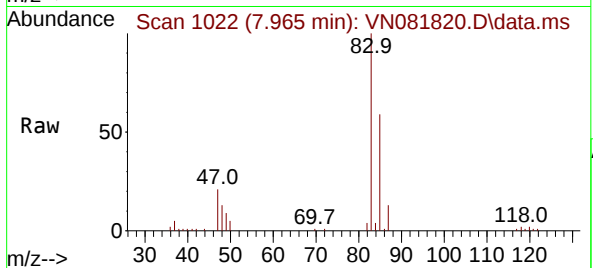
Carlone

04/23/2024

Supervised By :Mahesh

Dadoda

04/23/2024



#26

Cyclohexane

Concen: 19.904 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN081820.D

Acq: 22 Apr 2024 09:40

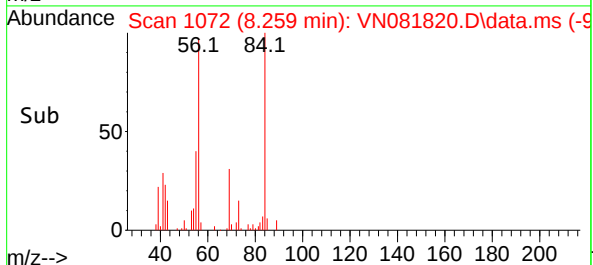
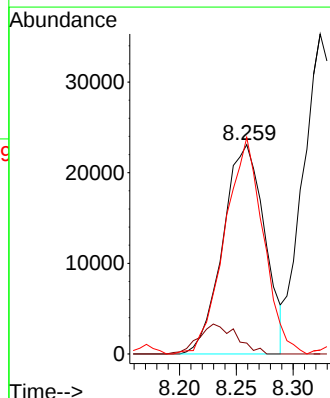
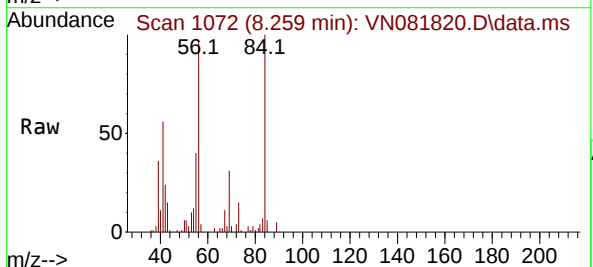
Tgt Ion: 56 Resp: 58938

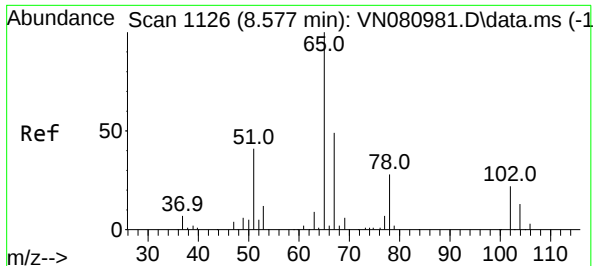
Ion Ratio Lower Upper

56 100

89 9.3 19.3 28.9#

84 95.4 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 33.072 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.012 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDC020

Tgt Ion: 65 Resp: 6069
Ion Ratio Lower Upper
65 100
67 50.6 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John

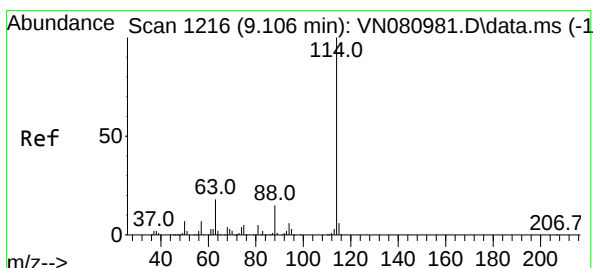
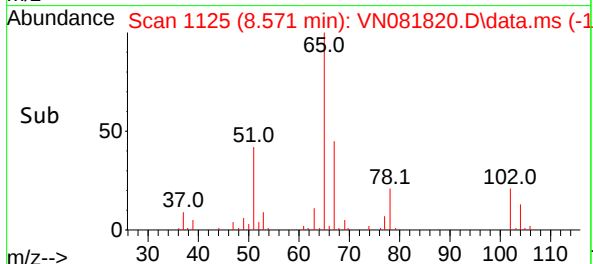
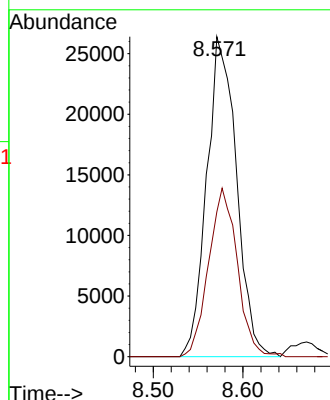
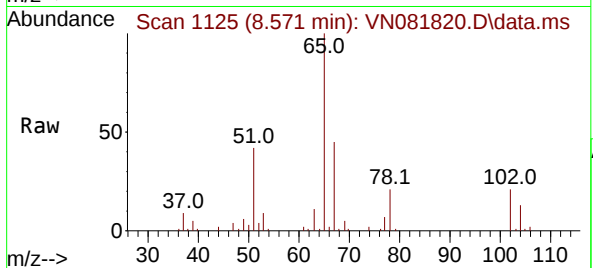
Carlone

04/23/2024

Supervised By :Mahesh

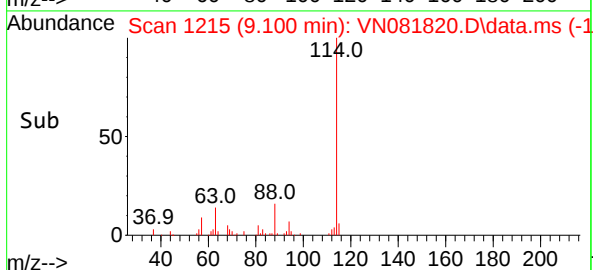
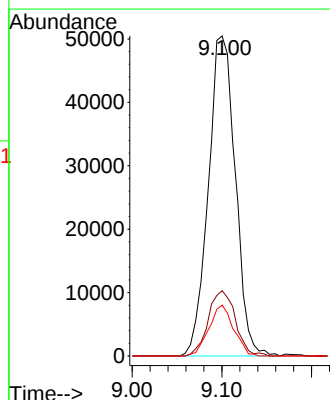
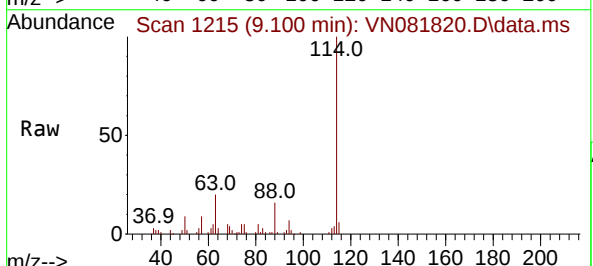
Dadoda

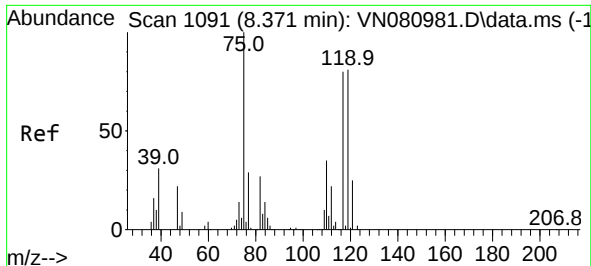
04/23/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Tgt Ion:114 Resp: 105554
Ion Ratio Lower Upper
114 100
63 20.2 15.9 23.9
88 14.6 12.7 19.1





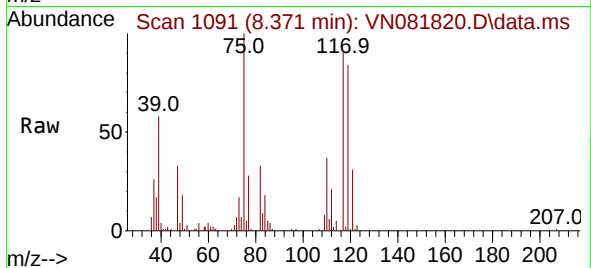
#29
1,1-Dichloropropene
Concen: 20.551 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 75 Resp: 57030
Ion Ratio Lower Upper
75 100
110 38.3 0.0 70.2
77 32.3 0.0 61.4

Manual Integrations
APPROVED

Reviewed By :John

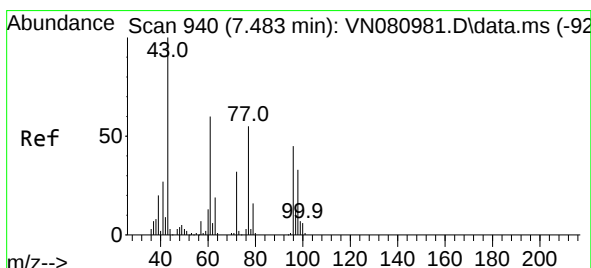
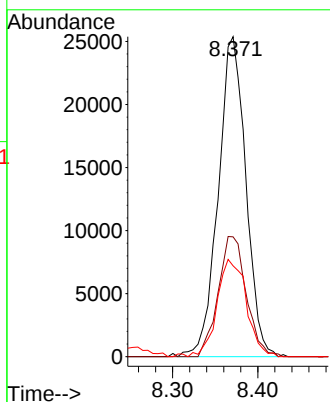
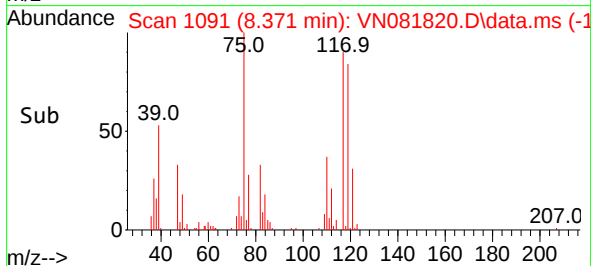
Carlone

04/23/2024

Supervised By :Mahesh

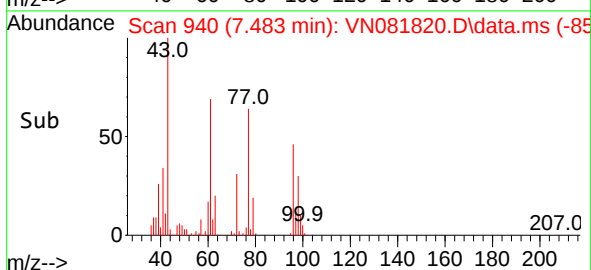
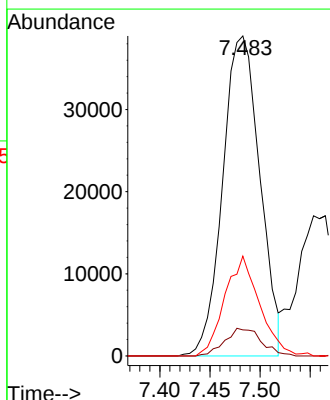
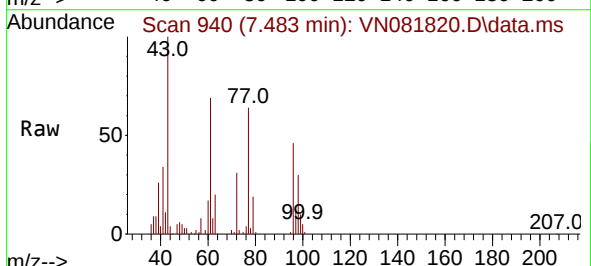
Dadoda

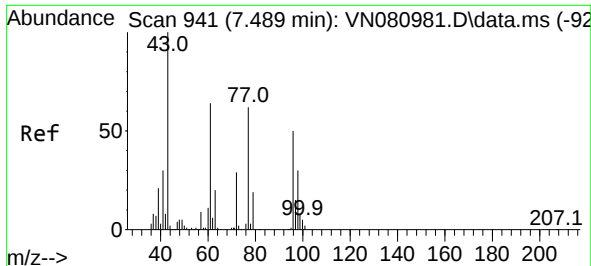
04/23/2024



#30
2-Butanone
Concen: 94.816 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

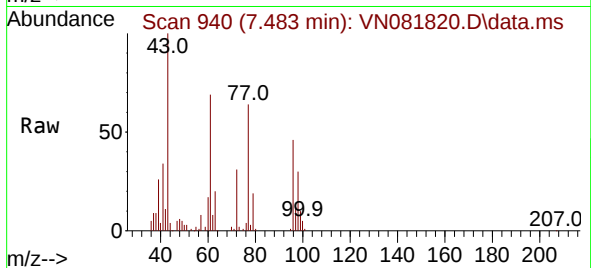
Tgt Ion: 43 Resp: 100487
Ion Ratio Lower Upper
43 100
57 5.7 6.7 10.1#
72 29.1 24.0 36.0





#31
2,2-Dichloropropane
Concen: 20.570 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

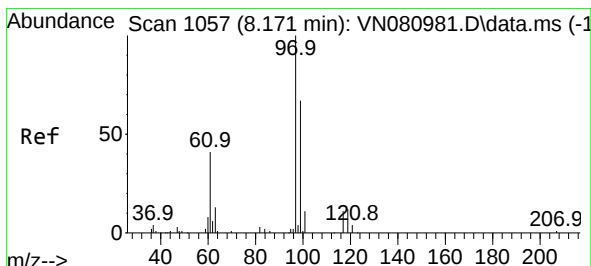
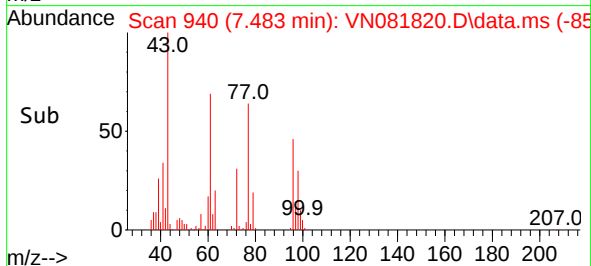
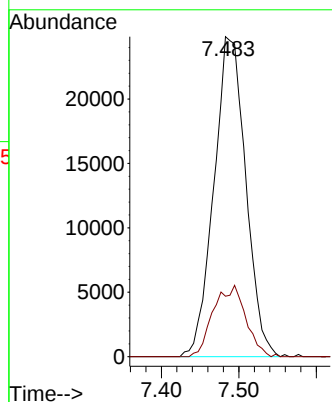


Tgt Ion: 77 Resp: 71100
Ion Ratio Lower Upper
77 100
97 10.5 18.3 27.5

Manual Integrations
APPROVED

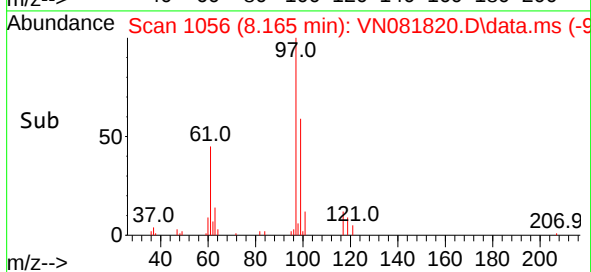
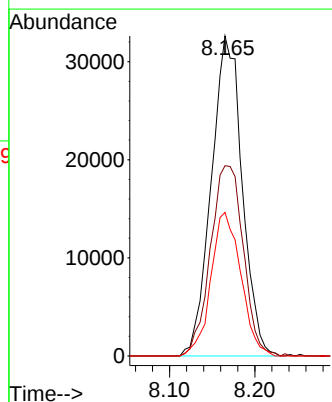
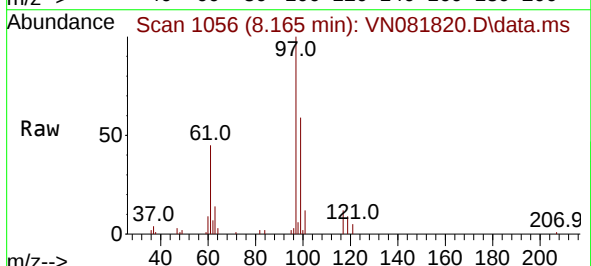
Reviewed By :John
Carlone
04/23/2024

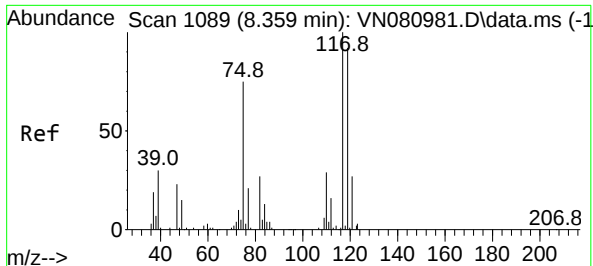
Supervised By :Mahesh
Dadoda
04/23/2024



#32
1,1,1-Trichloroethane
Concen: 21.468 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

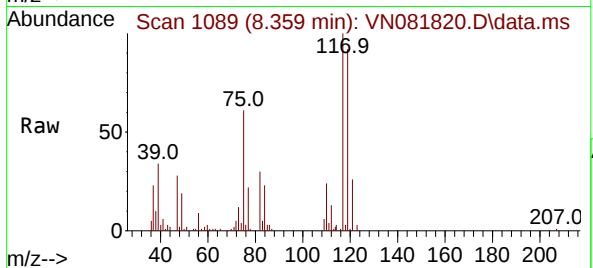
Tgt Ion: 97 Resp: 82108
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.4
61 43.5 33.8 50.8





#33
Carbon Tetrachloride
Concen: 19.680 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

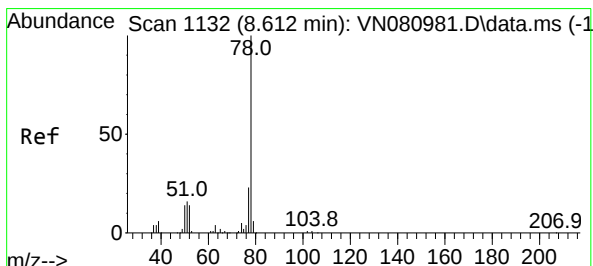
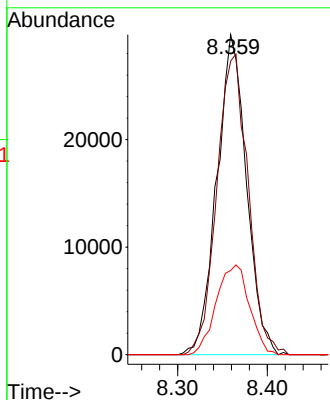
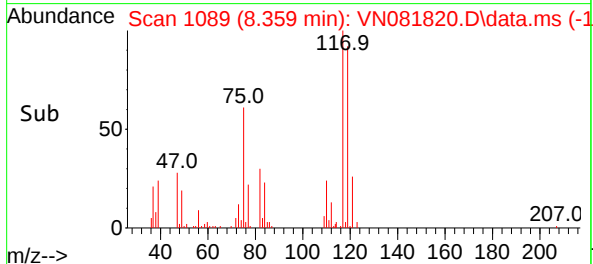


Tgt Ion: 117 Resp: 68225
Ion Ratio Lower Upper
117 100
119 91.7 77.7 116.5
121 26.3 27.0 40.6

Manual Integrations
APPROVED

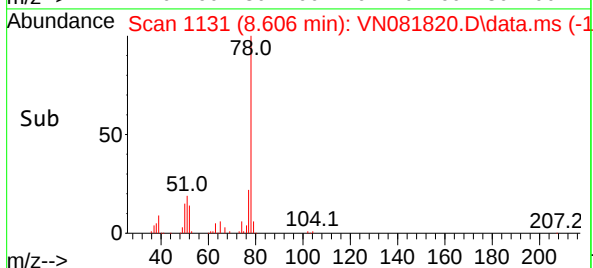
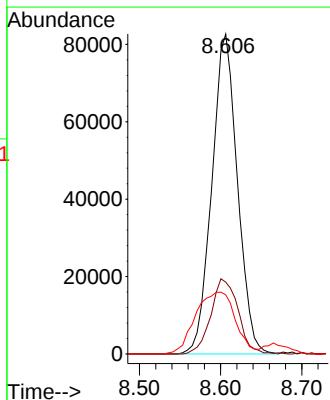
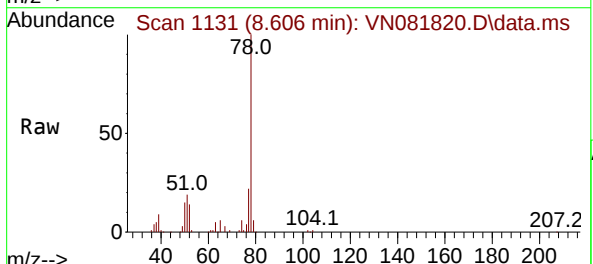
Reviewed By :John
Carlone
04/23/2024

Supervised By :Mahesh
Dadoda
04/23/2024



#34
Benzene
Concen: 20.266 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Tgt Ion: 78 Resp: 181162
Ion Ratio Lower Upper
78 100
77 22.5 19.2 28.8
51 16.8 13.3 19.9





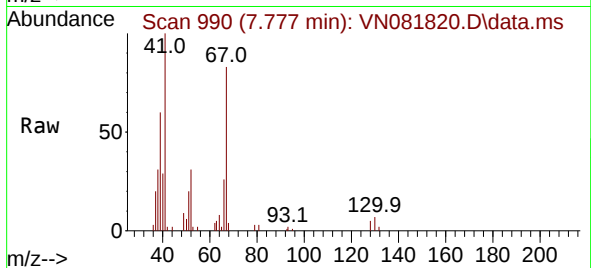
#35
Methacrylonitrile
Concen: 22.102 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 41 Resp: 2653
Ion Ratio Lower Upper
41 100
39 60.0 25.3 75.9
67 83.0 38.7 116.1
52 31.2 13.6 40.8

Manual Integrations
APPROVED

Reviewed By :John

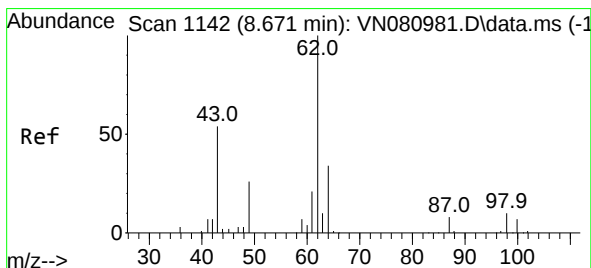
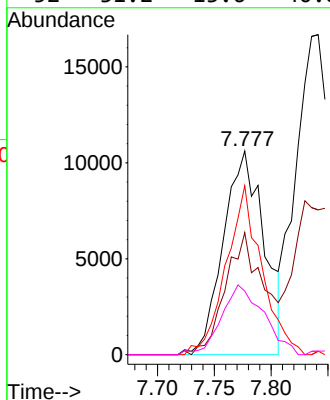
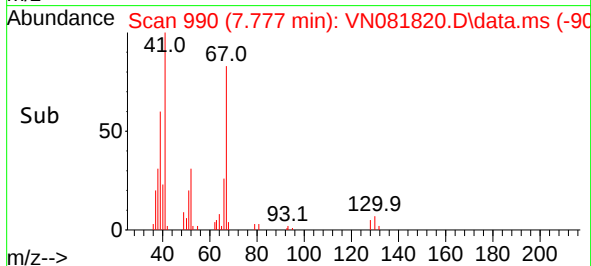
Carlone

04/23/2024

Supervised By :Mahesh

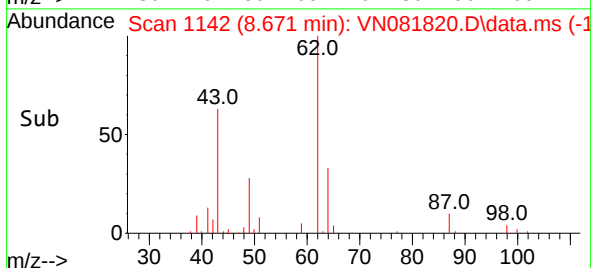
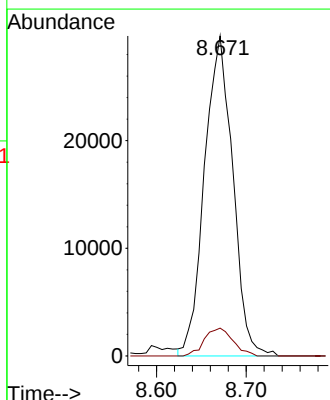
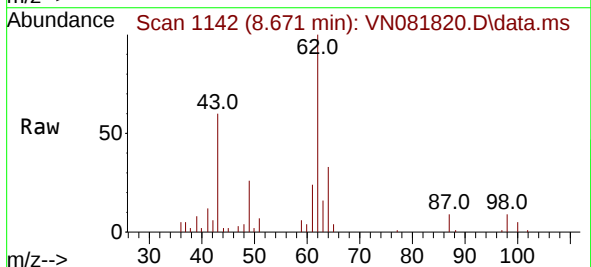
Dadoda

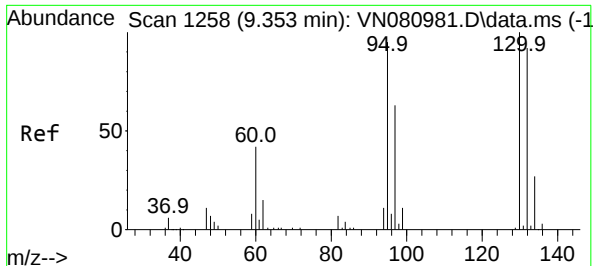
04/23/2024



#36
1,2-Dichloroethane
Concen: 22.204 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

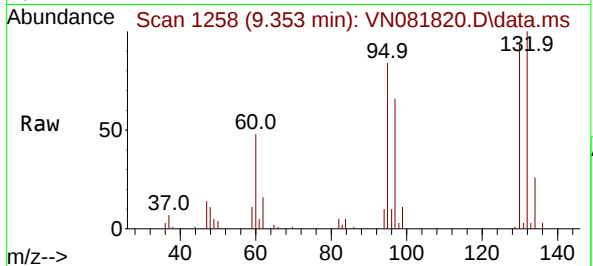
Tgt Ion: 62 Resp: 65106
Ion Ratio Lower Upper
62 100
98 8.8 8.2 12.4





#37
Trichloroethene
Concen: 19.856 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

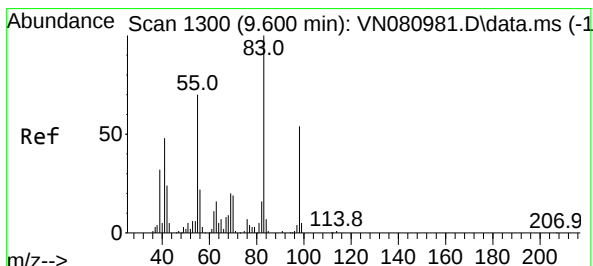
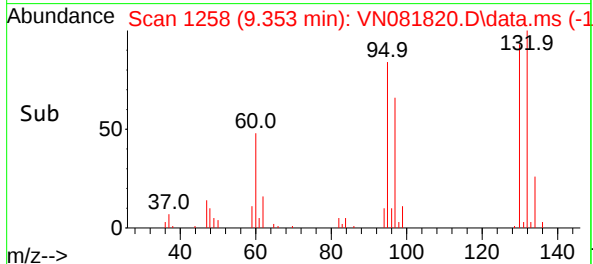
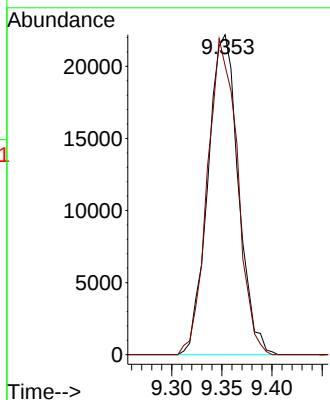


Tgt Ion:130 Resp: 4697
Ion Ratio Lower Upper
130 100
95 90.3 80.2 120.4

Manual Integrations
APPROVED

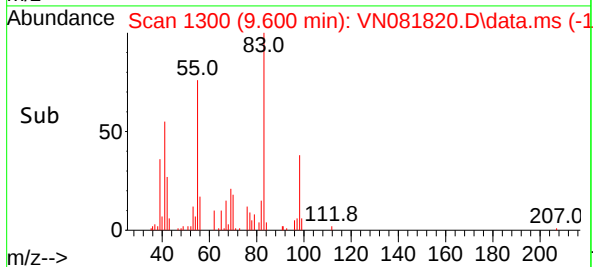
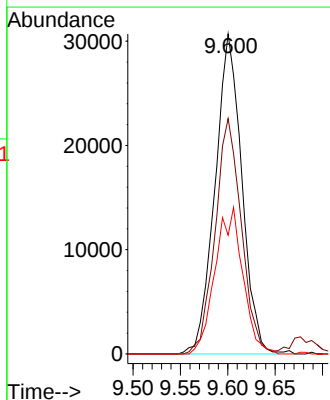
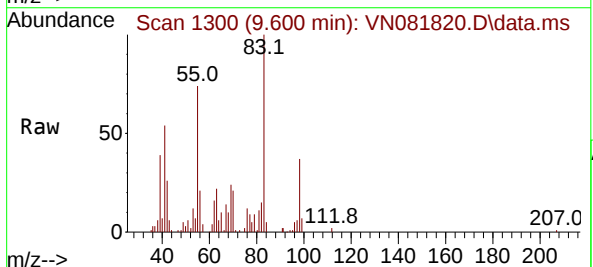
Reviewed By :John
Carlone
04/23/2024

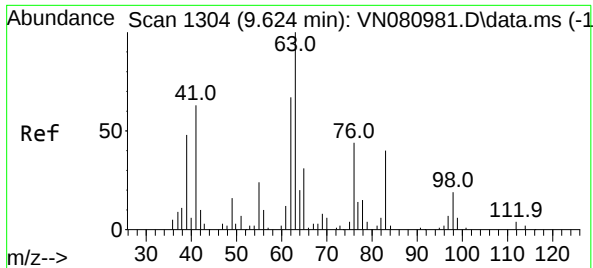
Supervised By :Mahesh
Dadoda
04/23/2024



#38
Methylcyclohexane
Concen: 17.760 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

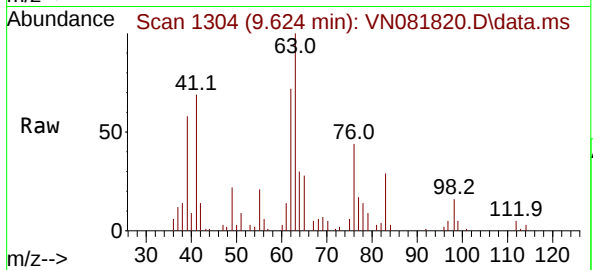
Tgt Ion: 83 Resp: 60237
Ion Ratio Lower Upper
83 100
55 72.2 36.6 109.9
98 47.6 23.8 71.5





#39
1,2-Dichloropropane
Concen: 22.026 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

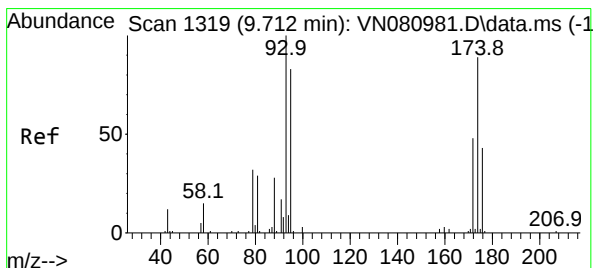
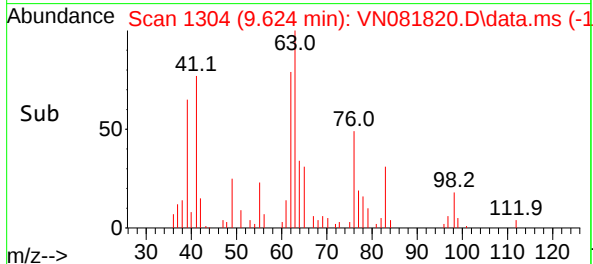
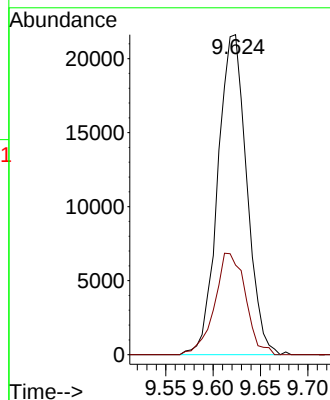


Tgt Ion: 63 Resp: 4593
Ion Ratio Lower Upper
63 100
65 28.0 25.0 37.4

Manual Integrations
APPROVED

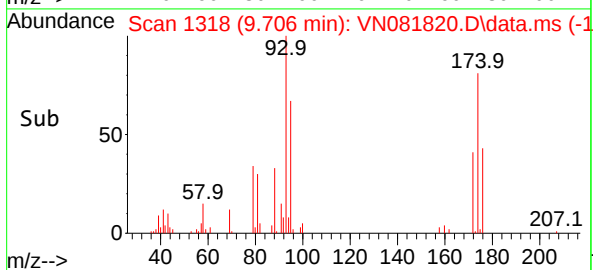
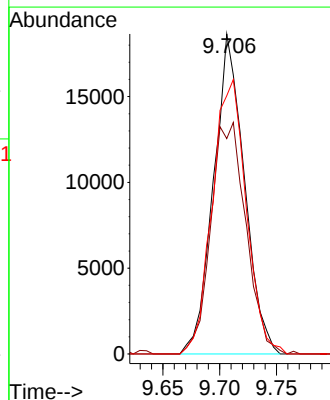
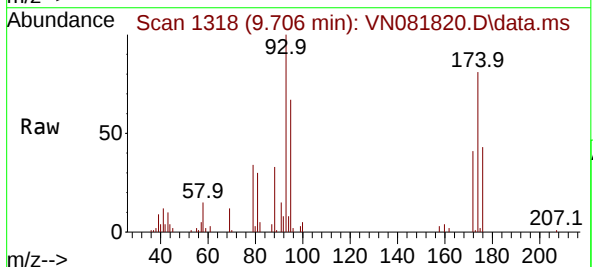
Reviewed By :John
Carlone
04/23/2024

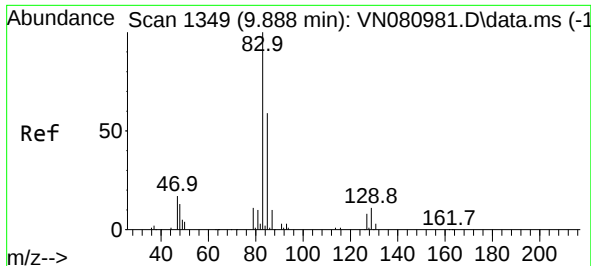
Supervised By :Mahesh
Dadoda
04/23/2024



#40
Dibromomethane
Concen: 21.128 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

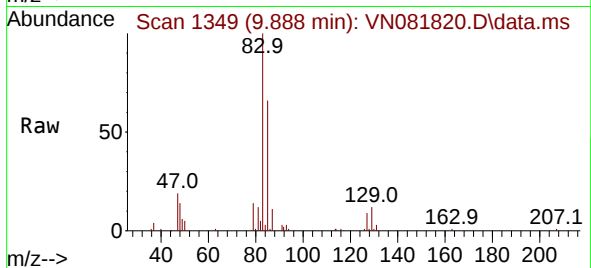
Tgt Ion: 93 Resp: 35098
Ion Ratio Lower Upper
93 100
95 82.5 0.0 164.6
174 94.4 0.0 193.2





#41
Bromodichloromethane
Concen: 21.100 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

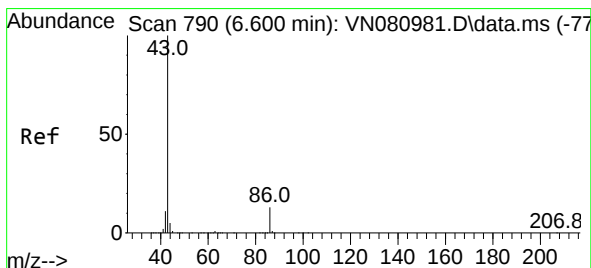
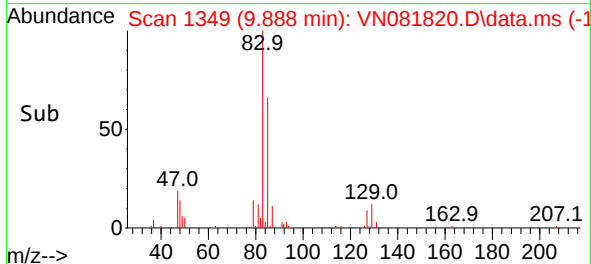
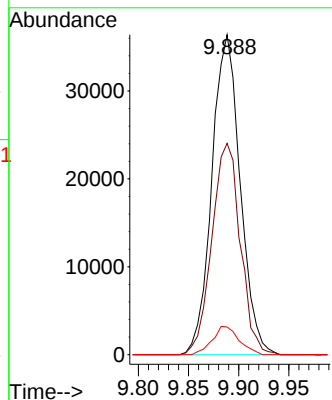


Tgt Ion: 83 Resp: 71478
Ion Ratio Lower Upper
83 100
85 66.1 49.4 74.2
127 8.7 7.3 10.9

Manual Integrations
APPROVED

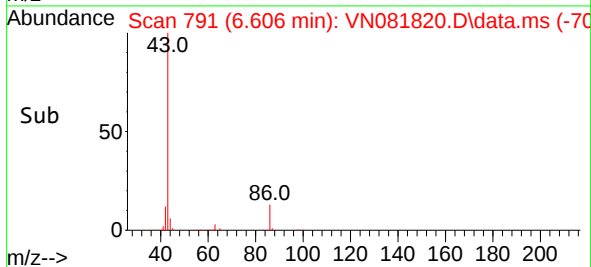
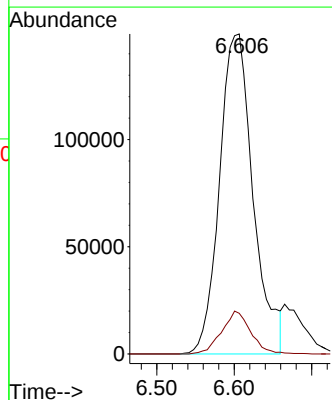
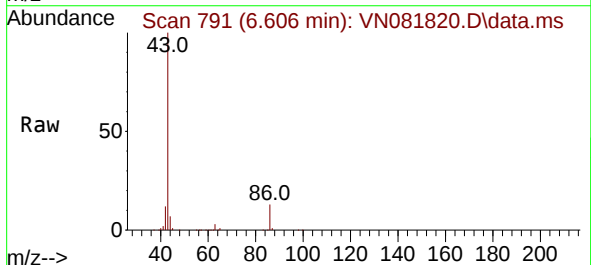
Reviewed By :John
Carlone
04/23/2024

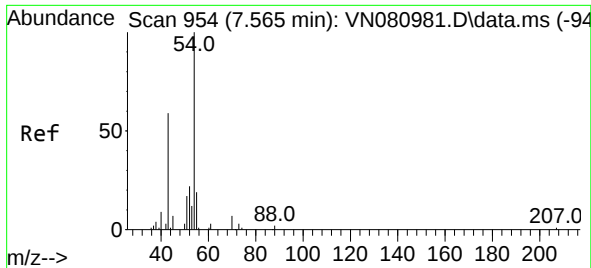
Supervised By :Mahesh
Dadoda
04/23/2024



#42
Vinyl Acetate
Concen: 102.052 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

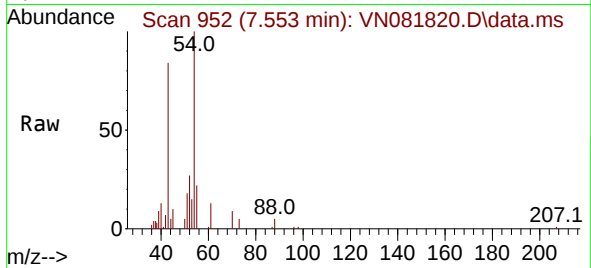
Tgt Ion: 43 Resp: 450554
Ion Ratio Lower Upper
43 100
86 11.6 9.4 14.2





#43
Ethyl Acetate
Concen: 18.948 ug/l
RT: 7.553 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

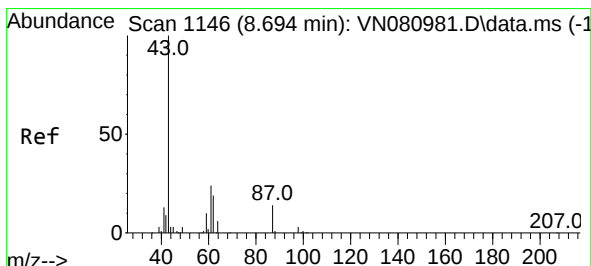
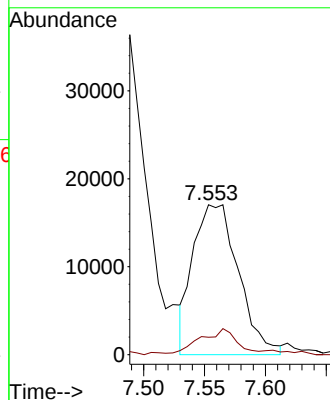
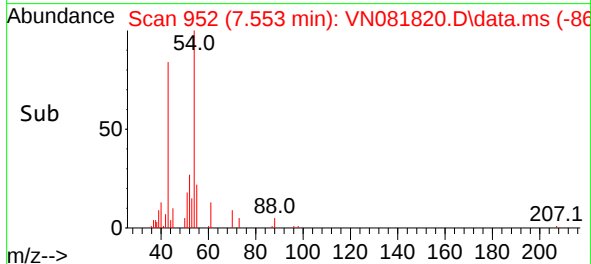


Tgt Ion: 43 Resp: 44258
Ion Ratio Lower Upper
43 100
45 5.7 10.6 15.8

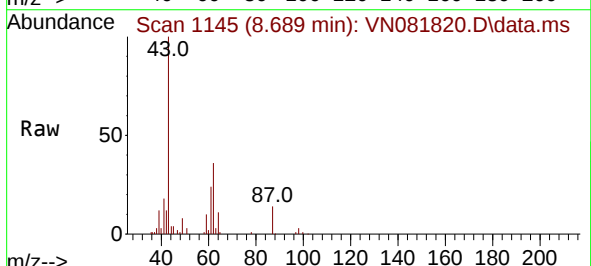
Manual Integrations
APPROVED

Reviewed By :John
Carlone
04/23/2024

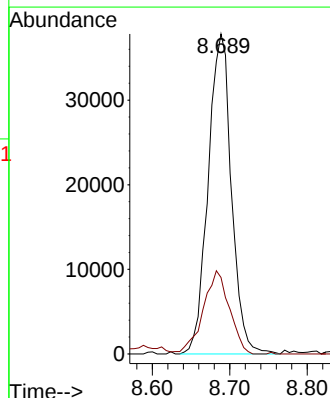
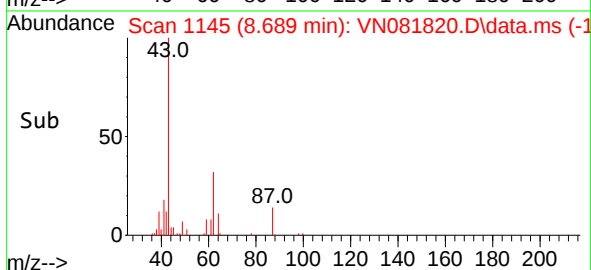
Supervised By :Mahesh
Dadoda
04/23/2024

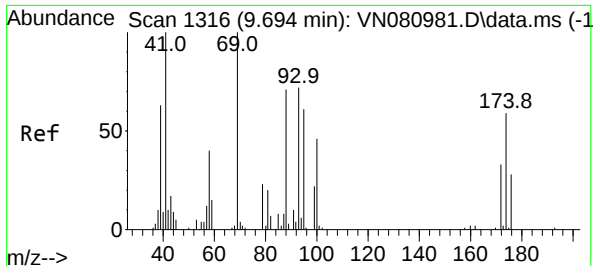


#44
Isopropyl Acetate
Concen: 20.206 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40



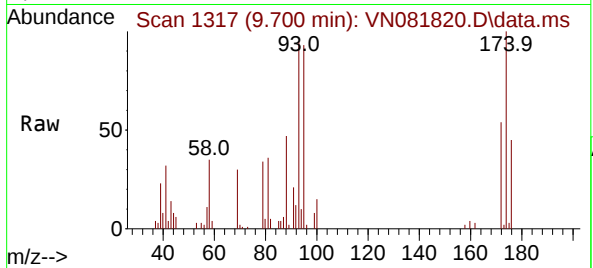
Tgt Ion: 43 Resp: 79079
Ion Ratio Lower Upper
43 100
61 29.2 25.0 37.4





#45
1,4-Dioxane
Concen: 340.492 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

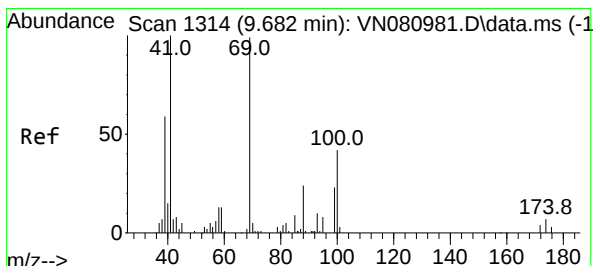
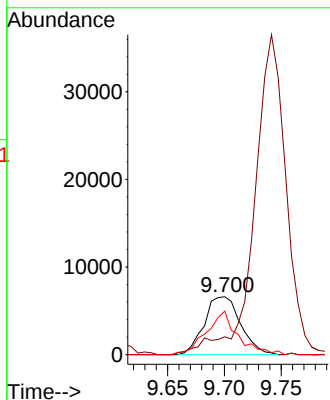
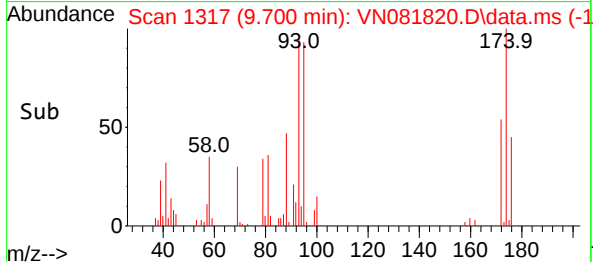


Tgt Ion: 88 Resp: 14710
Ion Ratio Lower Upper
88 100
43 13.4 19.8 29.6
58 65.0 55.4 83.0

Manual Integrations
APPROVED

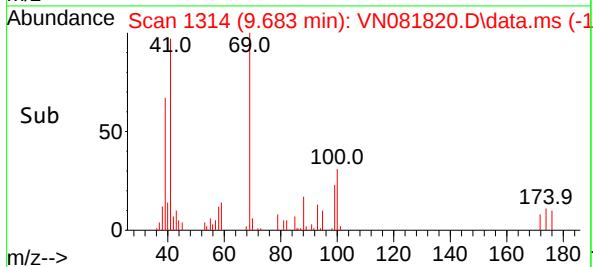
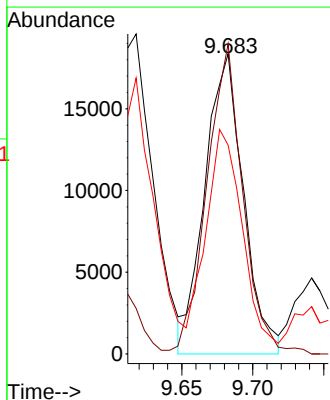
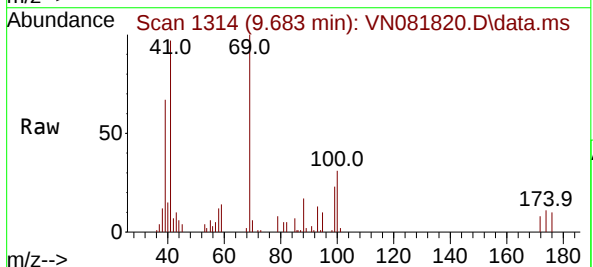
Reviewed By :John
Carlone
04/23/2024

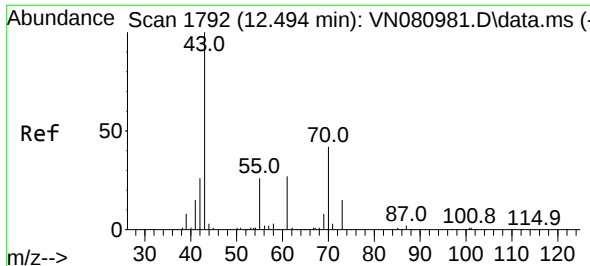
Supervised By :Mahesh
Dadoda
04/23/2024



#46
Methyl methacrylate
Concen: 19.712 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

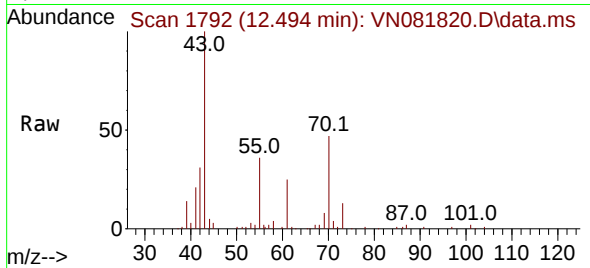
Tgt Ion: 41 Resp: 34691
Ion Ratio Lower Upper
41 100
69 107.6 51.1 153.3
39 70.3 25.8 77.3





#47
n-amyl acetate
Concen: 19.720 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

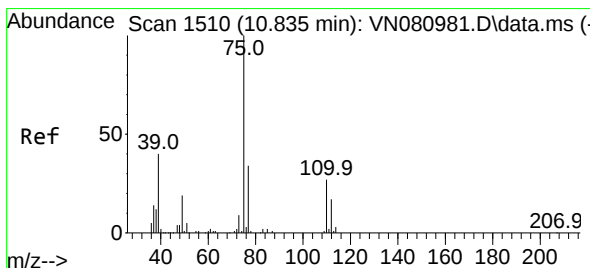
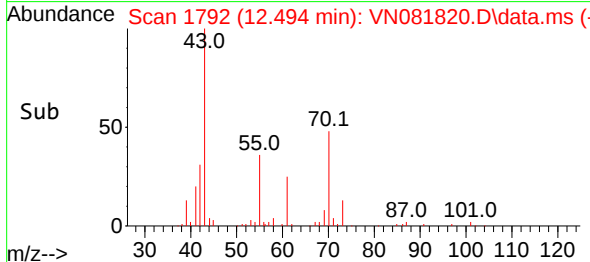
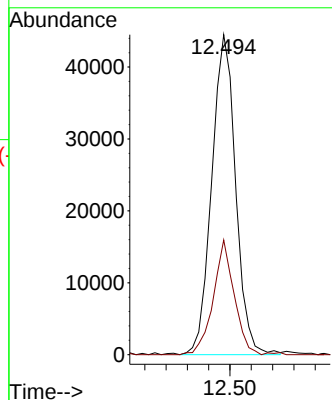


Tgt Ion: 43 Resp: 69250
Ion Ratio Lower Upper
43 100
55 31.3 23.4 35.2

Manual Integrations
APPROVED

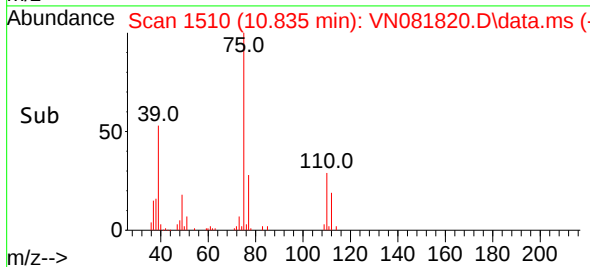
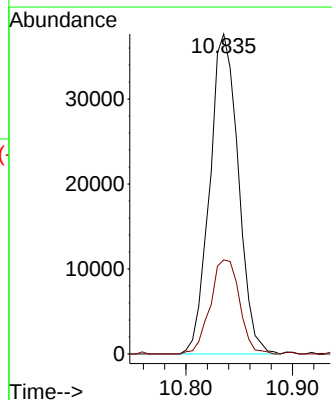
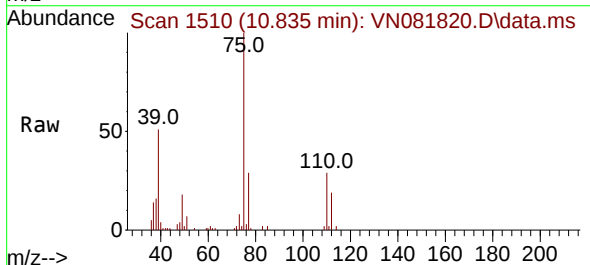
Reviewed By :John
Carlone
04/23/2024

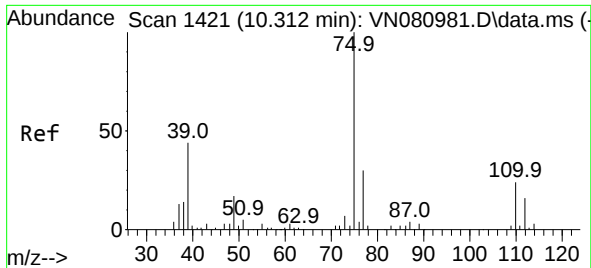
Supervised By :Mahesh
Dadoda
04/23/2024



#48
t-1,3-Dichloropropene
Concen: 21.767 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Tgt Ion: 75 Resp: 70251
Ion Ratio Lower Upper
75 100
77 29.4 23.8 35.6





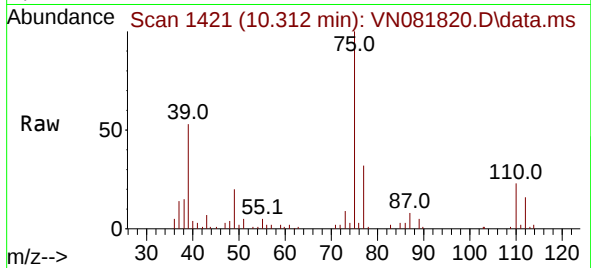
#49
cis-1,3-Dichloropropene
Concen: 21.416 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDC020



Tgt Ion: 75 Resp: 74436
Ion Ratio Lower Upper
75 100
77 31.5 24.9 37.3
39 52.5 31.0 46.6

Manual Integrations

APPROVED

Reviewed By :John

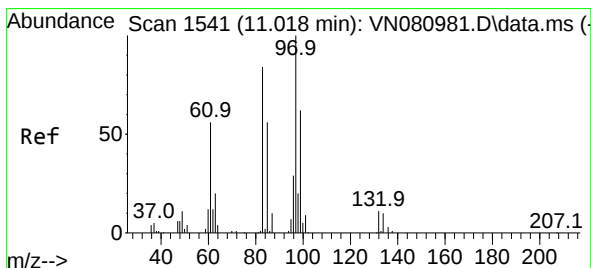
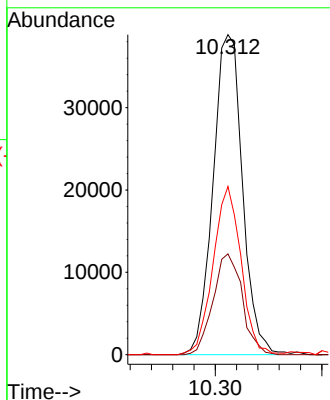
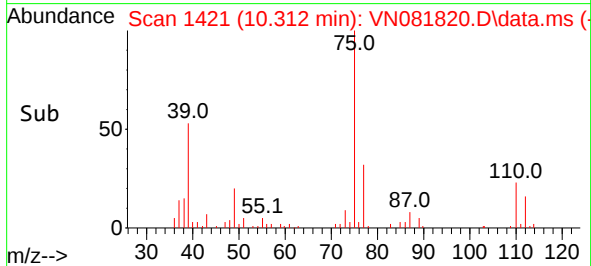
Carlone

04/23/2024

Supervised By :Mahesh

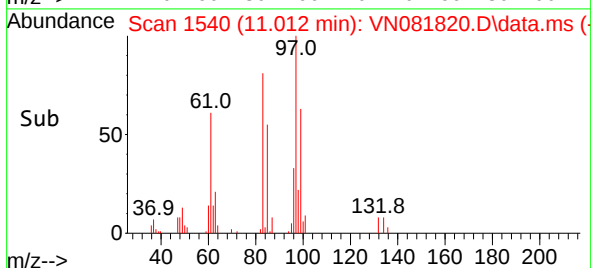
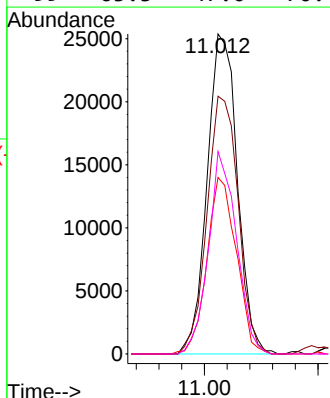
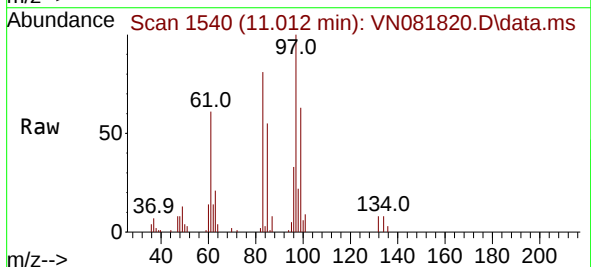
Dadoda

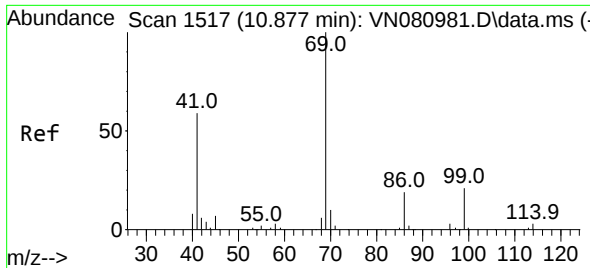
04/23/2024



#50
1,1,2-Trichloroethane
Concen: 21.093 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

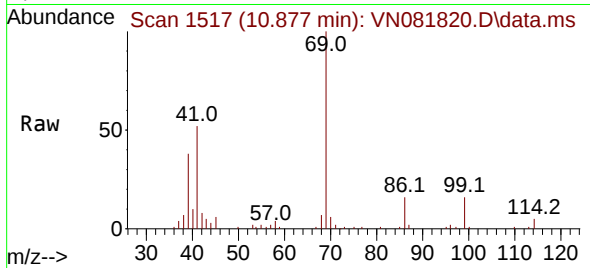
Tgt Ion: 97 Resp: 46920
Ion Ratio Lower Upper
97 100
83 80.5 68.1 102.1
85 55.2 41.8 62.6
99 63.3 47.0 70.4





#51
Ethyl methacrylate
Concen: 18.783 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

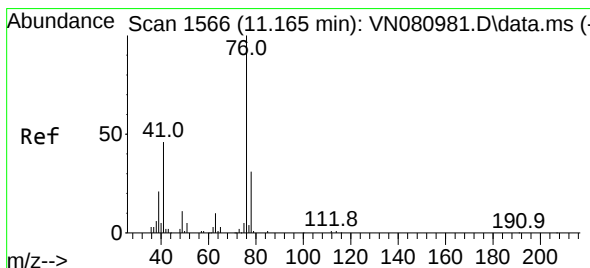
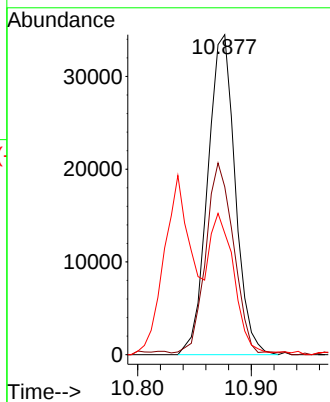
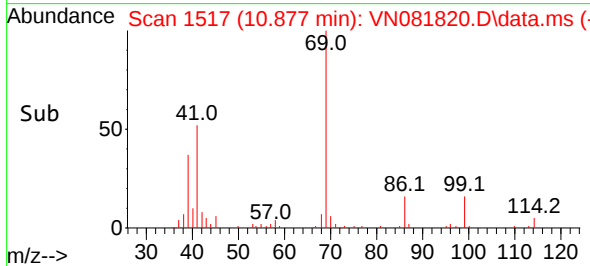


Tgt Ion: 69 Resp: 58170
Ion Ratio Lower Upper
69 100
41 51.8 25.5 76.5
39 37.1 16.0 47.9

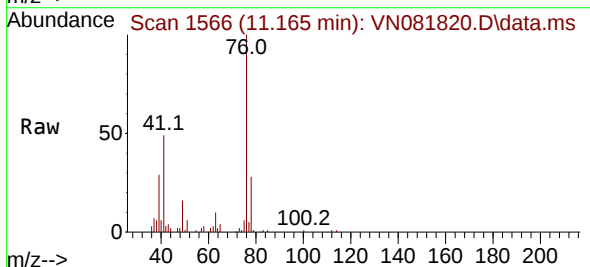
Manual Integrations
APPROVED

Reviewed By :John
Carlone
04/23/2024

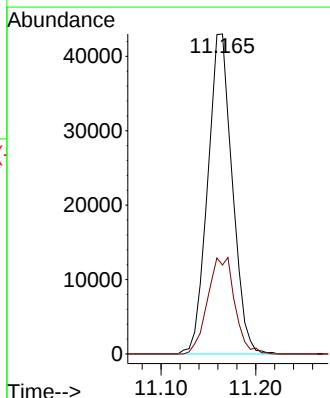
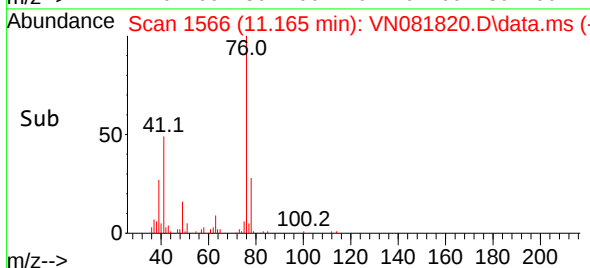
Supervised By :Mahesh
Dadoda
04/23/2024

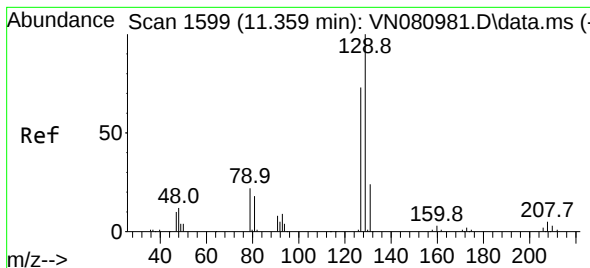


#52
1,3-Dichloropropane
Concen: 21.346 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40



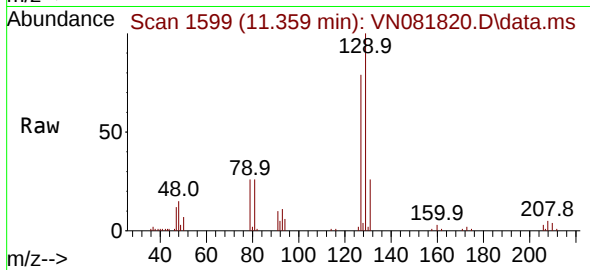
Tgt Ion: 76 Resp: 77830
Ion Ratio Lower Upper
76 100
78 33.2 0.0 65.8





#53
Dibromochloromethane
Concen: 21.121 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

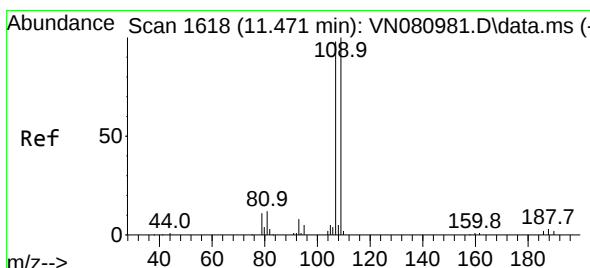
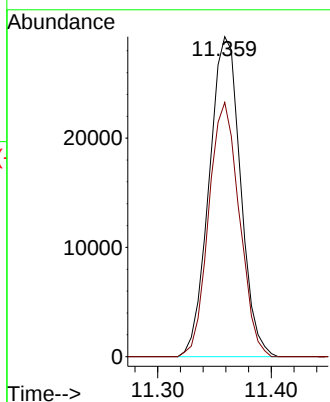
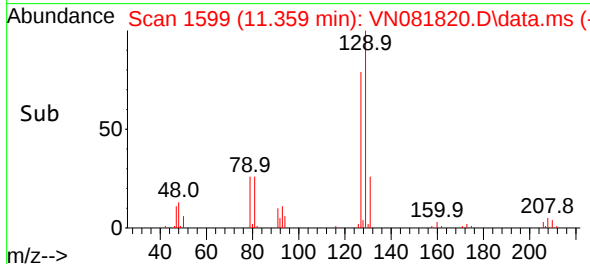


Tgt Ion:129 Resp: 5612
Ion Ratio Lower Upper
129 100
127 77.6 39.4 118.1

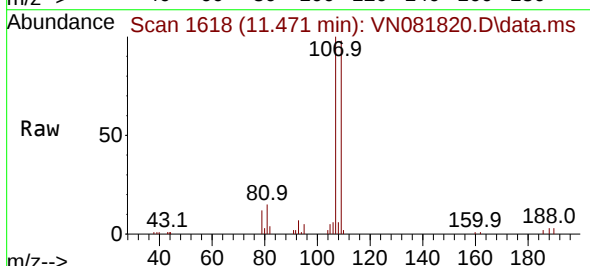
Manual Integrations
APPROVED

Reviewed By :John
Carlone
04/23/2024

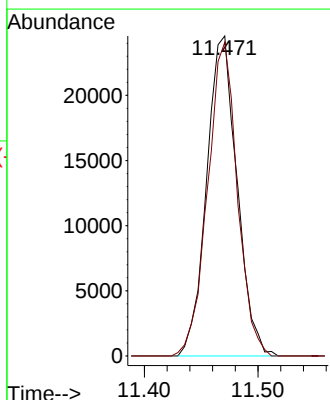
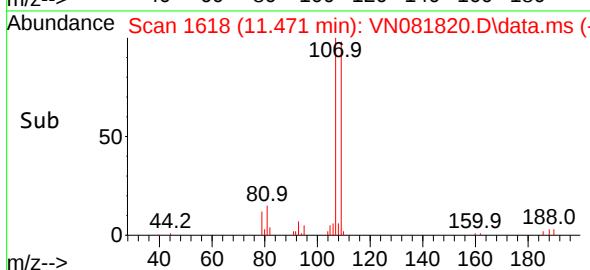
Supervised By :Mahesh
Dadoda
04/23/2024

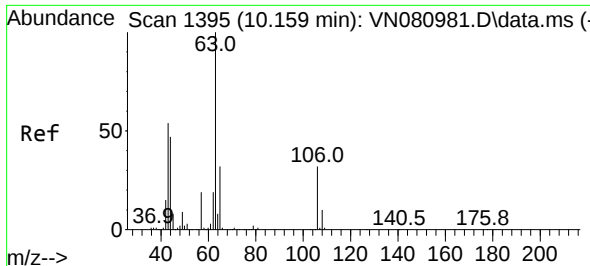


#54
1,2-Dibromoethane
Concen: 19.894 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40



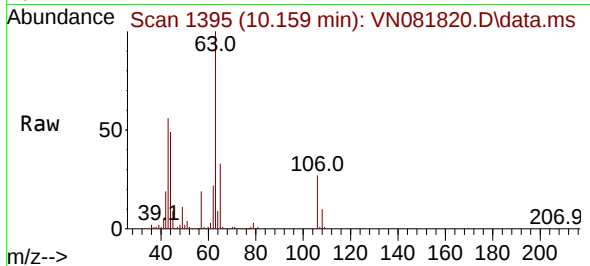
Tgt Ion:107 Resp: 45741
Ion Ratio Lower Upper
107 100
109 95.6 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 114.519 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

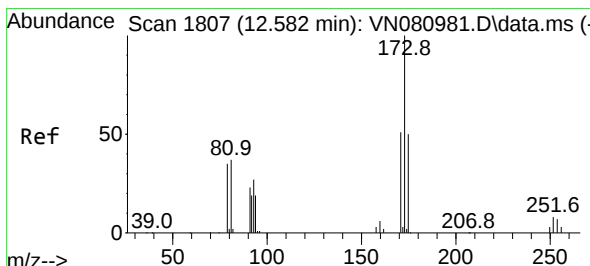
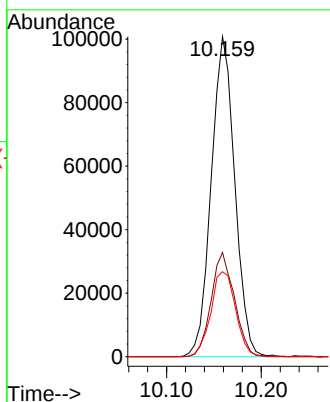
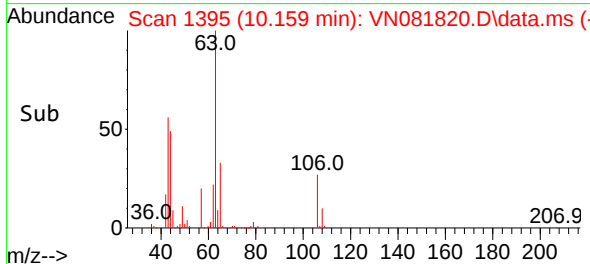


Tgt Ion: 63 Resp: 17418
Ion Ratio Lower Upper
63 100
65 32.1 26.2 39.2
106 27.9 23.8 35.8

Manual Integrations
APPROVED

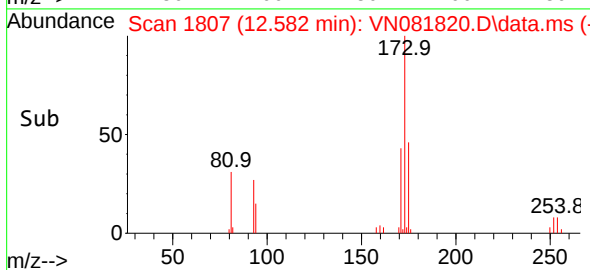
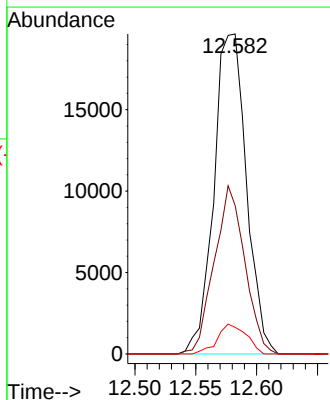
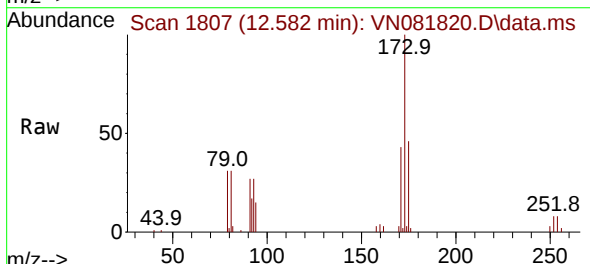
Reviewed By :John
Carlone
04/23/2024

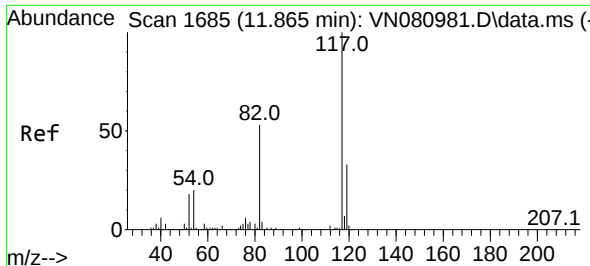
Supervised By :Mahesh
Dadoda
04/23/2024



#56
Bromoform
Concen: 21.482 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

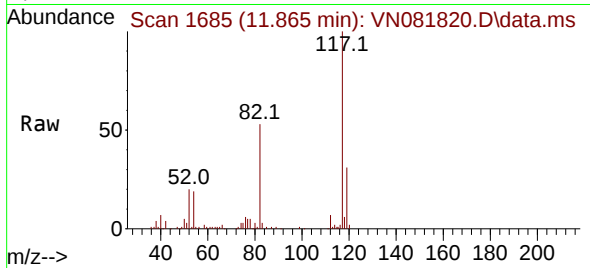
Tgt Ion:173 Resp: 36499
Ion Ratio Lower Upper
173 100
175 49.2 40.0 60.0
254 8.3 8.3 12.5





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

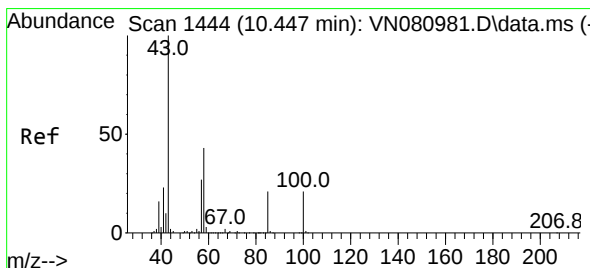
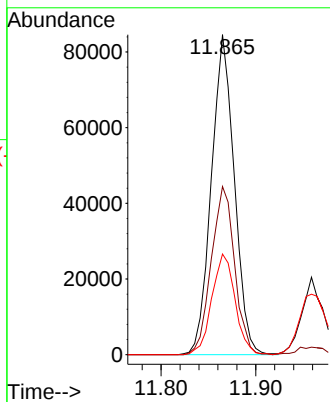
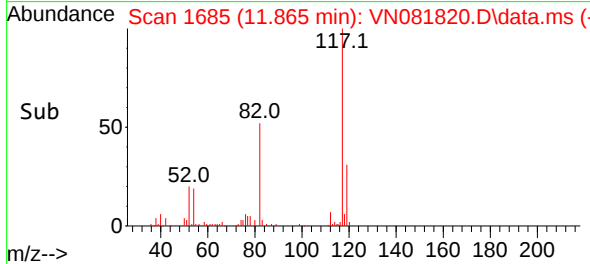


Tgt Ion: 117 Resp: 142424
Ion Ratio Lower Upper
117 100
82 53.4 46.6 69.8
119 31.9 25.4 38.2

Manual Integrations
APPROVED

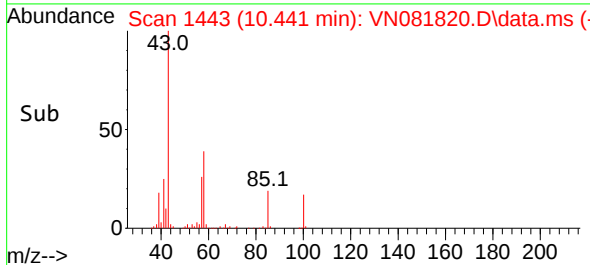
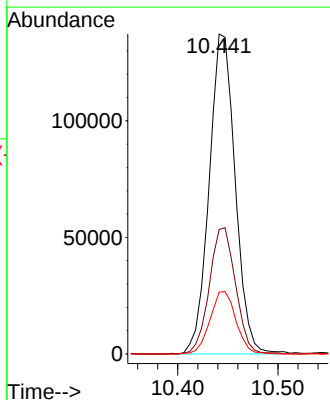
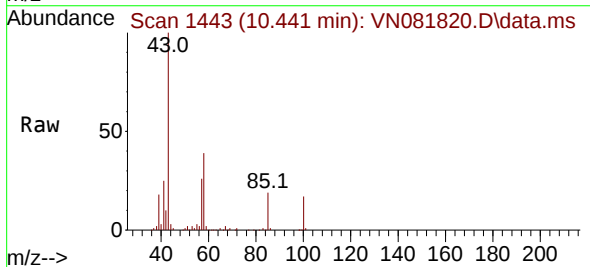
Reviewed By :John
Carlone
04/23/2024

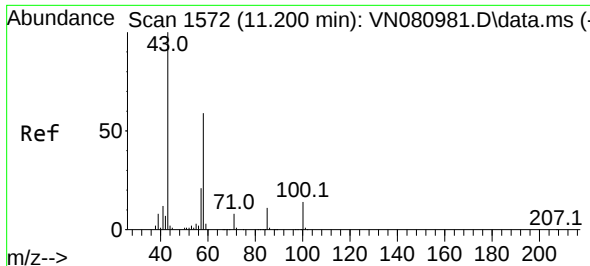
Supervised By :Mahesh
Dadoda
04/23/2024



#58
4-Methyl-2-Pentanone
Concen: 101.151 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

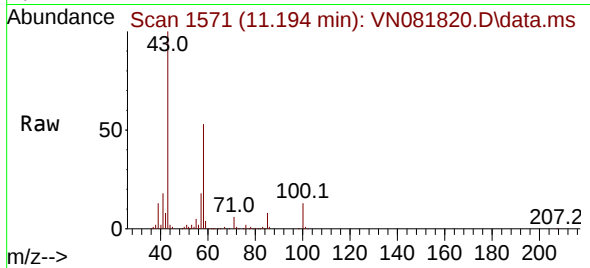
Tgt Ion: 43 Resp: 247746
Ion Ratio Lower Upper
43 100
58 39.7 36.5 54.7
85 19.5 19.5 29.3#





#59
2-Hexanone
Concen: 100.232 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

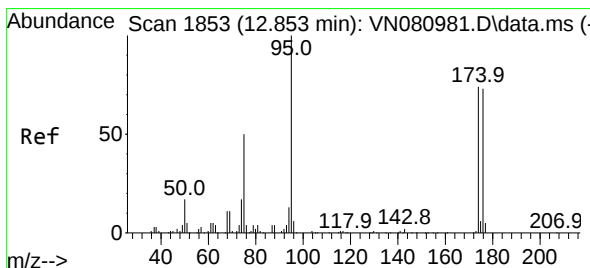
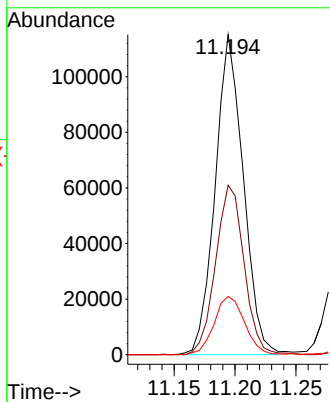
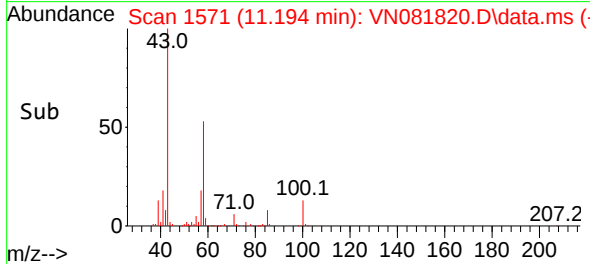


Tgt Ion: 43 Resp: 184368
Ion Ratio Lower Upper
43 100
58 53.8 50.4 75.6
57 19.7 18.6 27.8

Manual Integrations
APPROVED

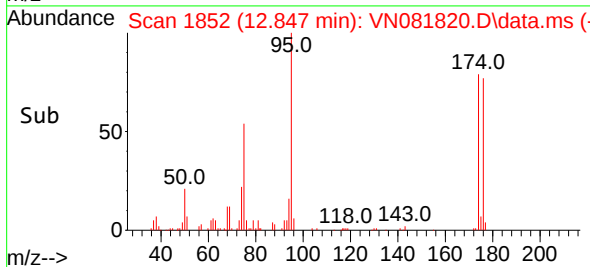
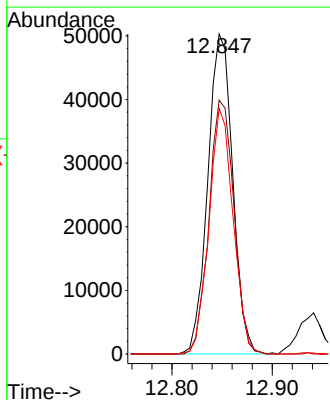
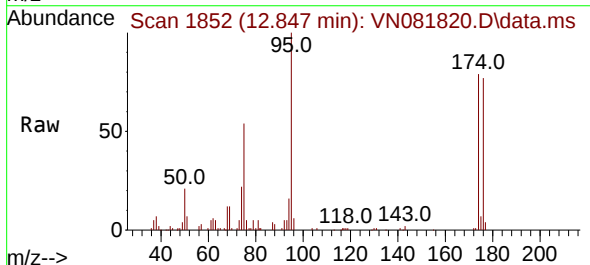
Reviewed By :John
Carlone
04/23/2024

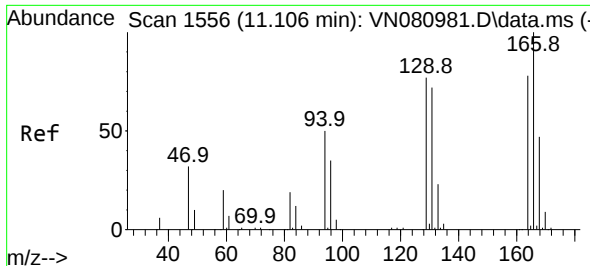
Supervised By :Mahesh
Dadoda
04/23/2024



#60
4-Bromofluorobenzene
Concen: 30.947 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

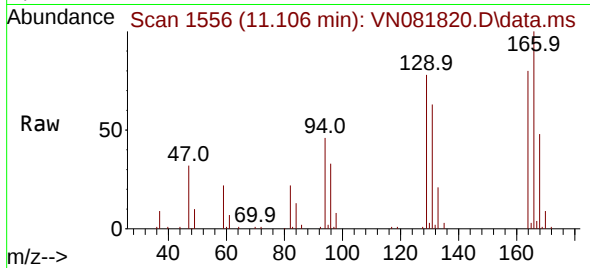
Tgt Ion: 95 Resp: 86654
Ion Ratio Lower Upper
95 100
174 79.7 60.5 90.7
176 74.7 57.8 86.6





#61
Tetrachloroethene
Concen: 20.175 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

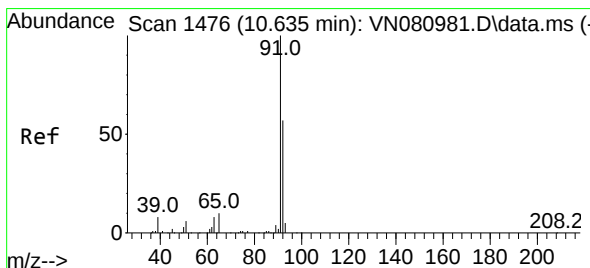
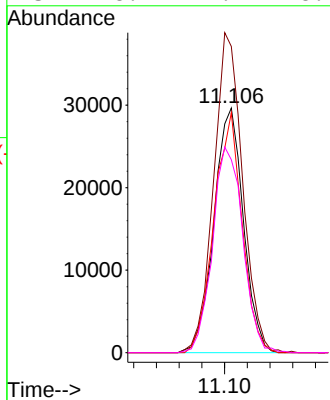
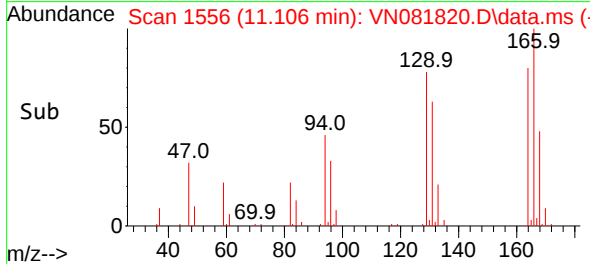


Tgt Ion:164 Resp: 5324
Ion Ratio Lower Upper
164 100
166 125.2 106.7 160.1
129 98.1 85.8 128.6
131 78.9 79.1 118.7#

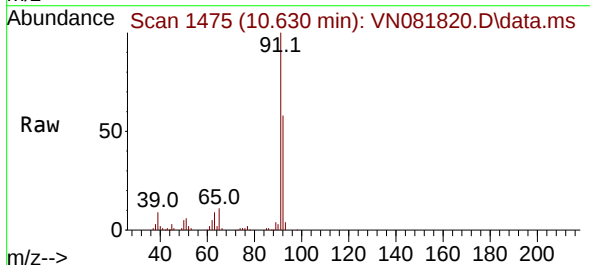
Manual Integrations
APPROVED

Reviewed By :John
Carlone
04/23/2024

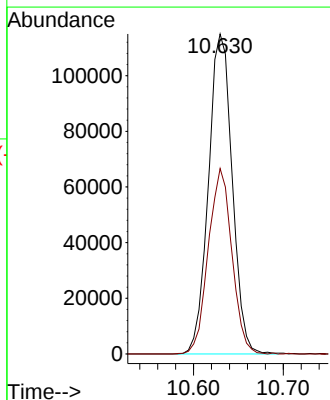
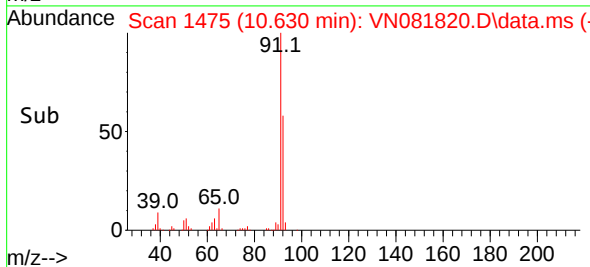
Supervised By :Mahesh
Dadoda
04/23/2024

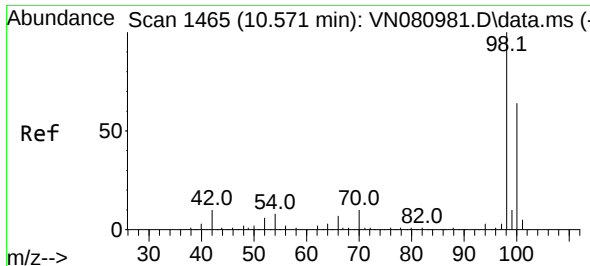


#62
Toluene
Concen: 20.406 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40



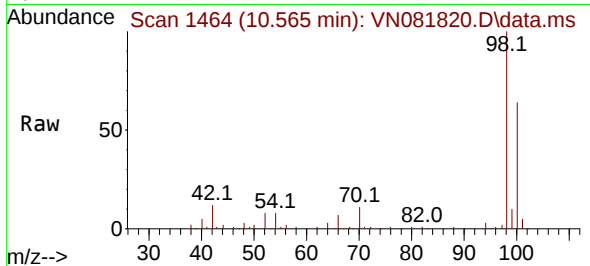
Tgt Ion: 91 Resp: 211442
Ion Ratio Lower Upper
91 100
92 57.5 46.5 69.7





#63
Toluene-d8
Concen: 31.036 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

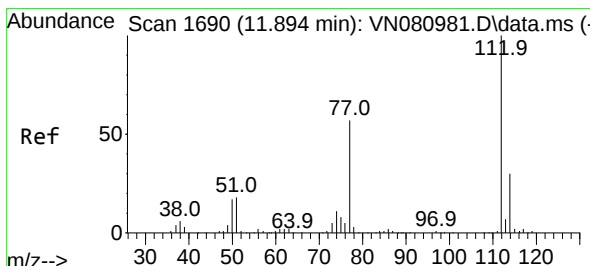
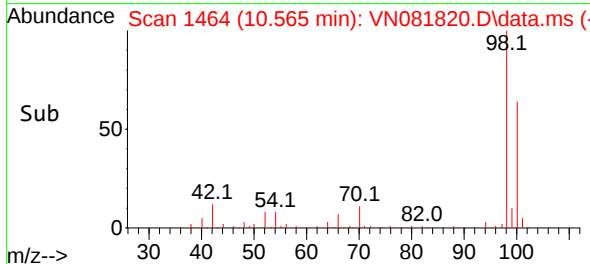
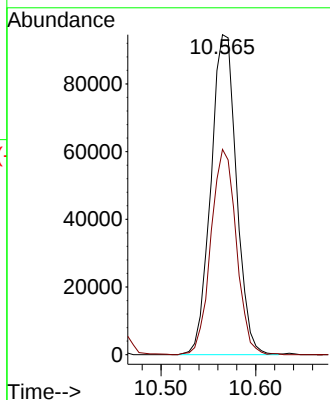


Tgt Ion: 98 Resp: 177310
Ion Ratio Lower Upper
98 100
100 63.5 52.7 79.1

Manual Integrations
APPROVED

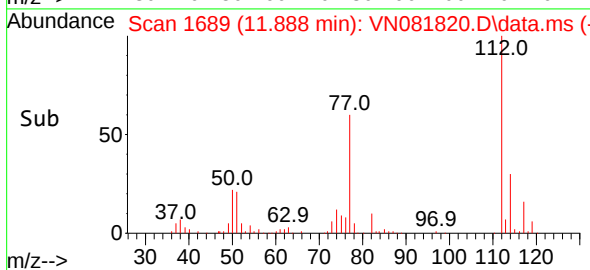
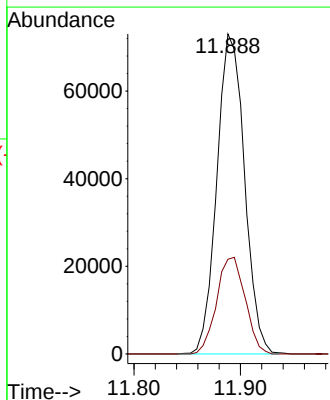
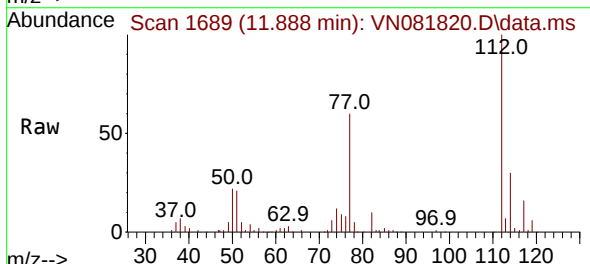
Reviewed By :John
Carlone
04/23/2024

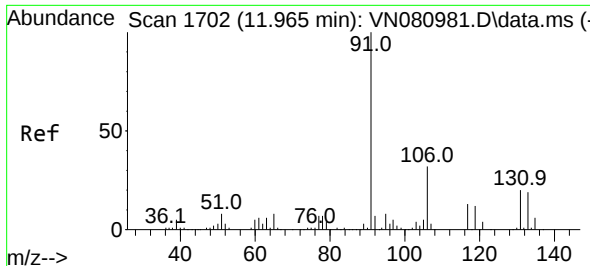
Supervised By :Mahesh
Dadoda
04/23/2024



#64
Chlorobenzene
Concen: 20.028 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Tgt Ion:112 Resp: 131593
Ion Ratio Lower Upper
112 100
114 29.6 26.6 39.8





#65
1,1,1,2-Tetrachloroethane
Concen: 20.469 ug/l
RT: 11.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

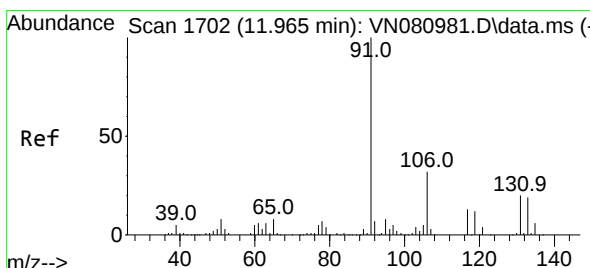
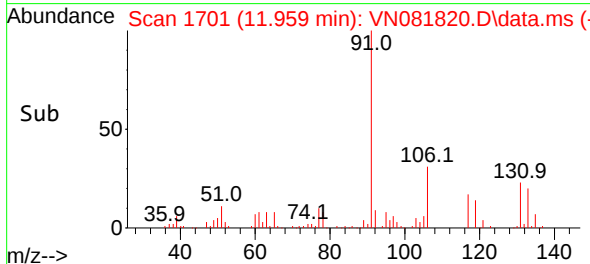
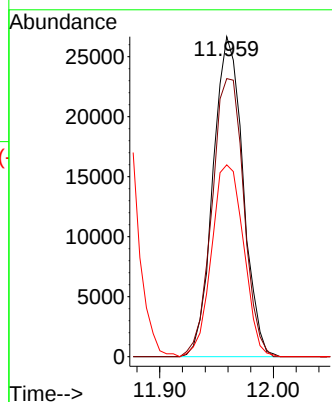
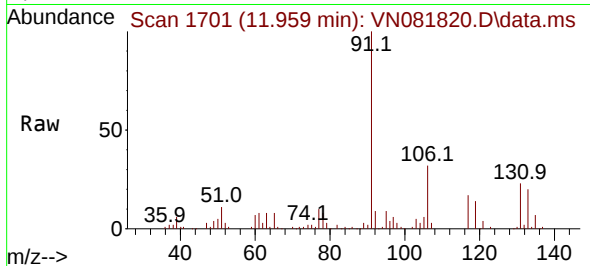
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 48852
Ion Ratio Lower Upper
131 100
133 92.2 0.0 188.0
119 64.1 0.0 122.8

Manual Integrations
APPROVED

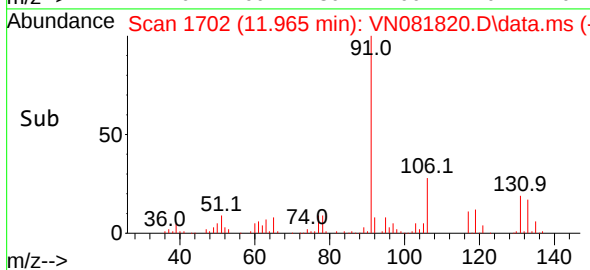
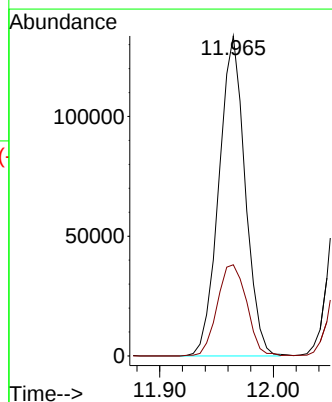
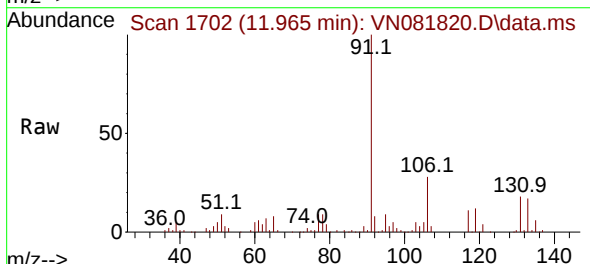
Reviewed By :John
Carlone
04/23/2024

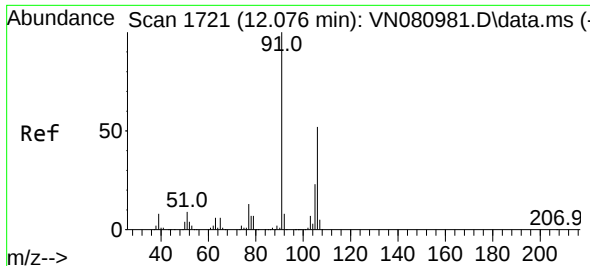
Supervised By :Mahesh
Dadoda
04/23/2024



#66
Ethyl Benzene
Concen: 19.479 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

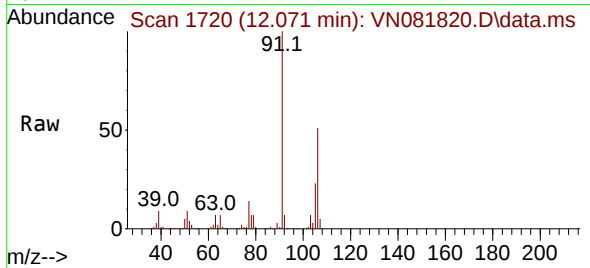
Tgt Ion: 91 Resp: 214593
Ion Ratio Lower Upper
91 100
106 28.5 24.4 36.6





#67
m/p-Xylenes
Concen: 41.118 ug/l
RT: 12.071 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

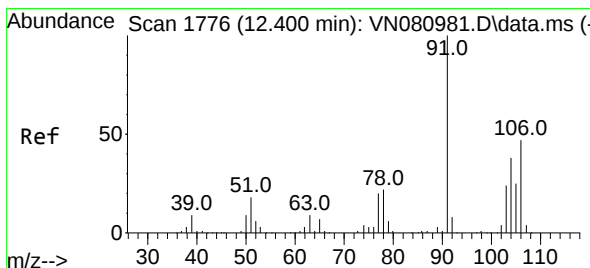
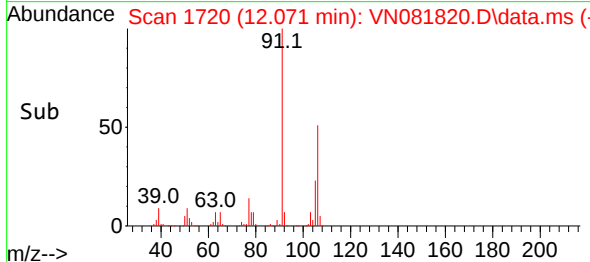
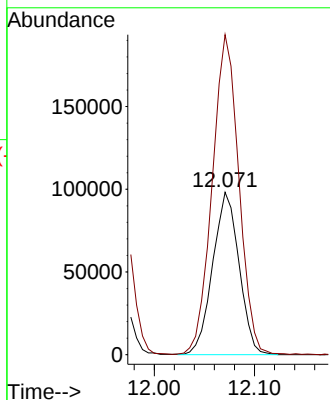


Tgt Ion:106 Resp: 17943
Ion Ratio Lower Upper
106 100
91 199.2 166.6 249.8

Manual Integrations
APPROVED

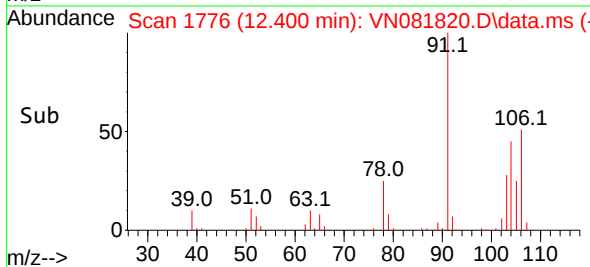
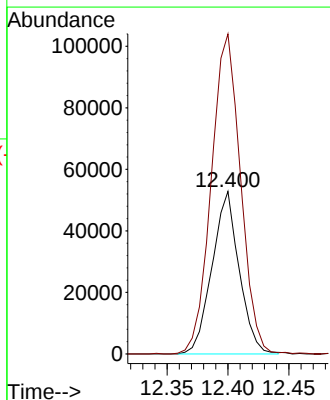
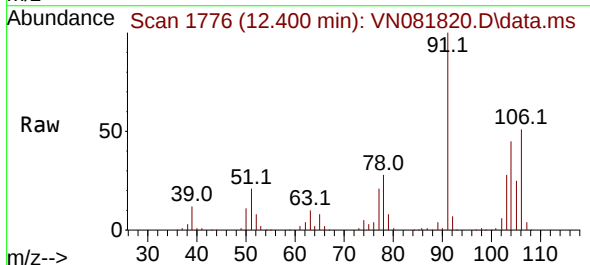
Reviewed By :John
Carlone
04/23/2024

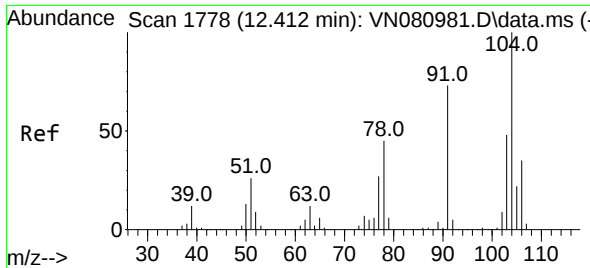
Supervised By :Mahesh
Dadoda
04/23/2024



#68
o-Xylene
Concen: 19.769 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Tgt Ion:106 Resp: 81896
Ion Ratio Lower Upper
106 100
91 212.3 110.0 330.0





#69
Styrene
Concen: 19.794 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

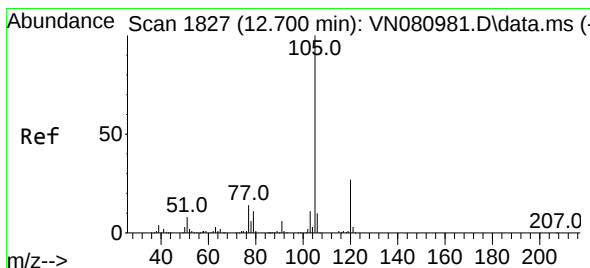
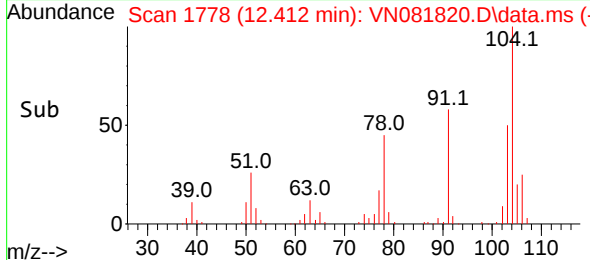
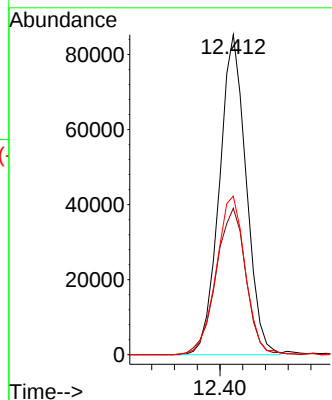
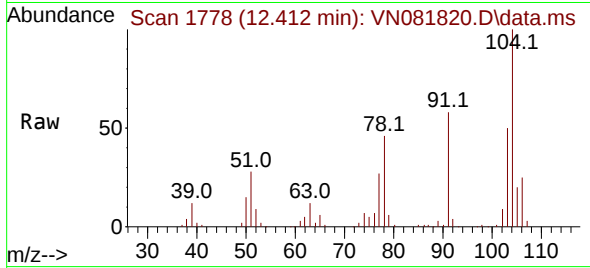
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 13964
Ion Ratio Lower Upper
104 100
78 51.0 42.6 64.0
103 53.8 43.7 65.5

Manual Integrations
APPROVED

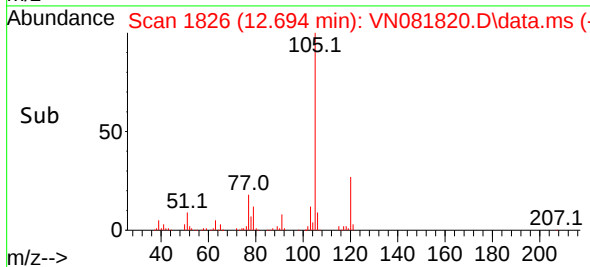
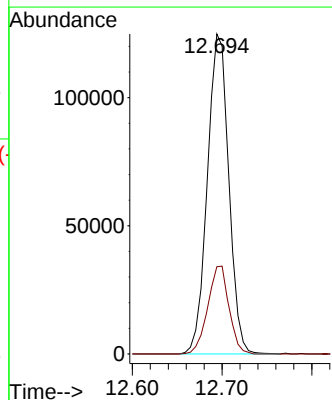
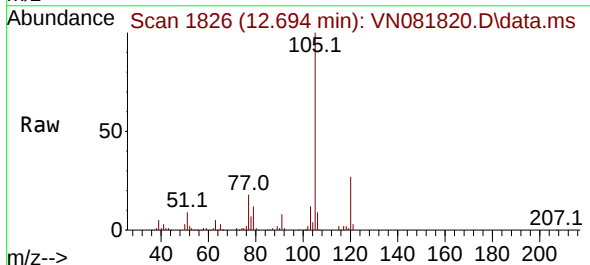
Reviewed By :John
Carlone
04/23/2024

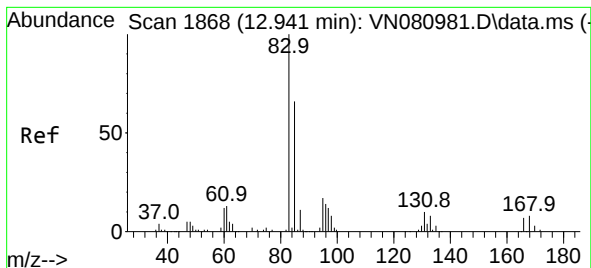
Supervised By :Mahesh
Dadoda
04/23/2024



#70
Isopropylbenzene
Concen: 19.349 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

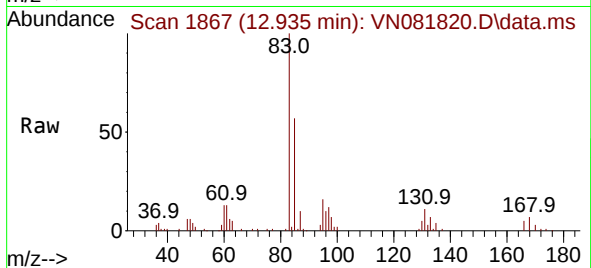
Tgt Ion:105 Resp: 206786
Ion Ratio Lower Upper
105 100
120 27.2 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 21.429 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

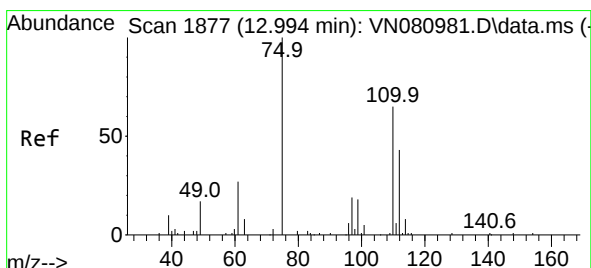
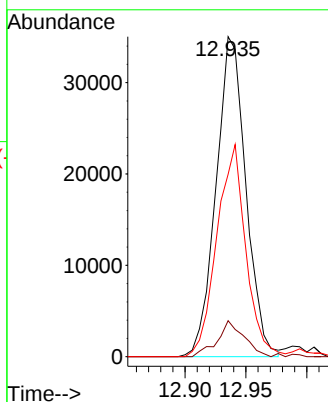
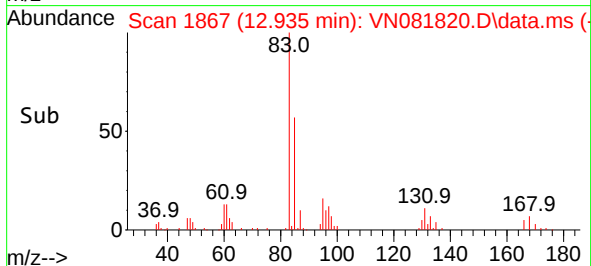


Tgt Ion: 83 Resp: 59824
Ion Ratio Lower Upper
83 100
131 10.0 5.2 15.6
85 64.3 32.3 96.8

Manual Integrations
APPROVED

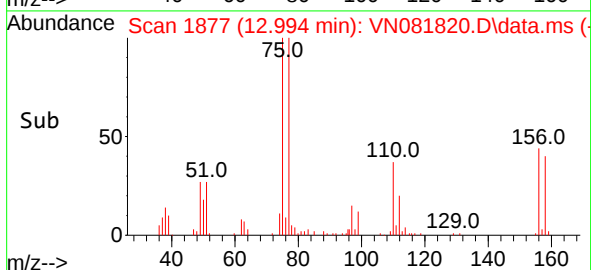
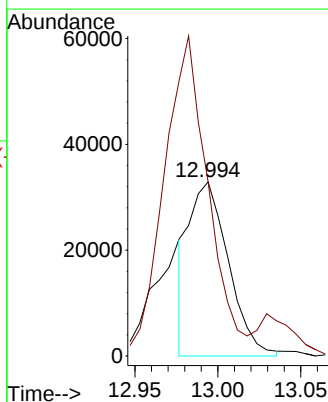
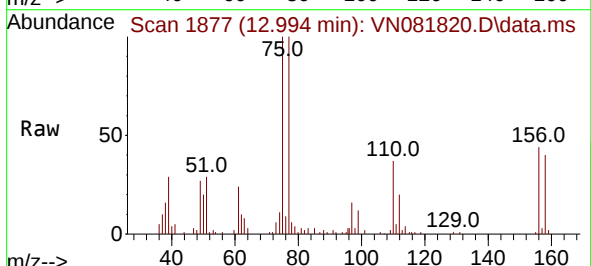
Reviewed By :John
Carlone
04/23/2024

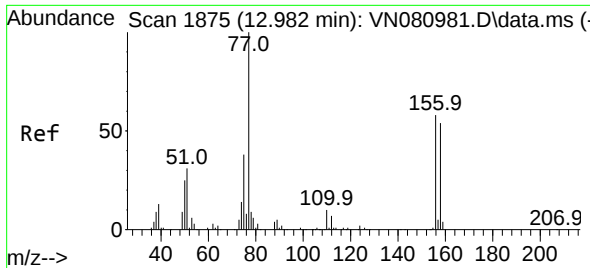
Supervised By :Mahesh
Dadoda
04/23/2024



#72
1,2,3-Trichloropropane
Concen: 20.986 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

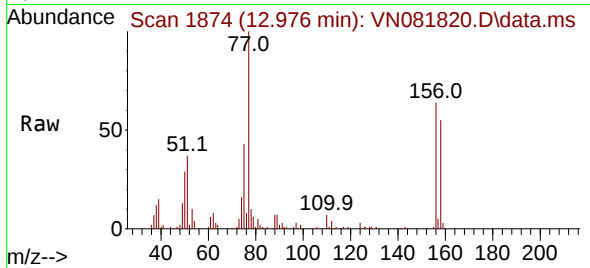
Tgt Ion: 75 Resp: 54241
Ion Ratio Lower Upper
75 100
77 206.3 0.0 367.6





#73
Bromobenzene
Concen: 21.078 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

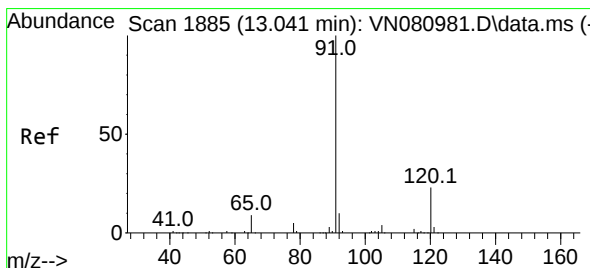
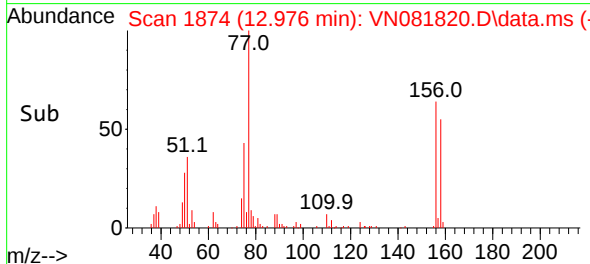
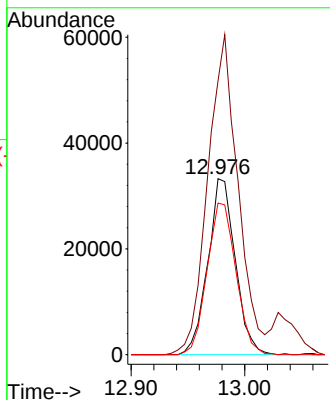


Tgt Ion:156 Resp: 55820
Ion Ratio Lower Upper
156 100
77 200.4 0.0 437.6
158 90.5 0.0 203.8

Manual Integrations
APPROVED

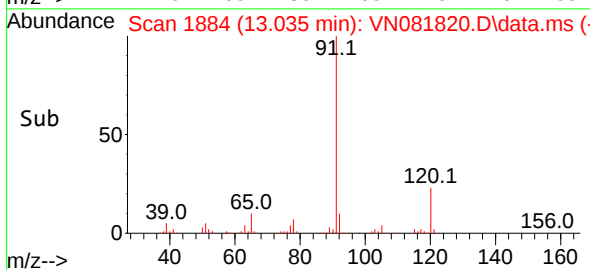
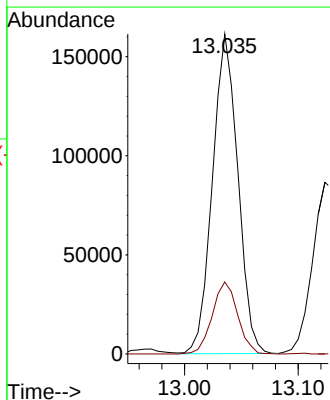
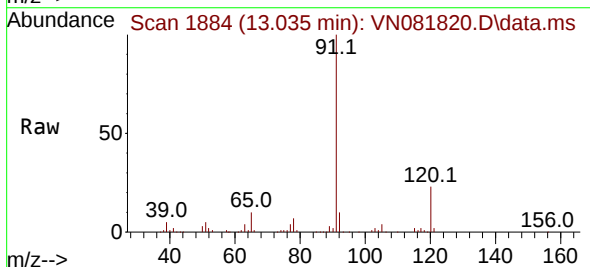
Reviewed By :John
Carlone
04/23/2024

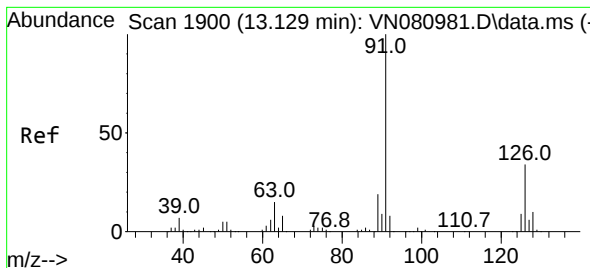
Supervised By :Mahesh
Dadoda
04/23/2024



#74
n-propylbenzene
Concen: 19.575 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

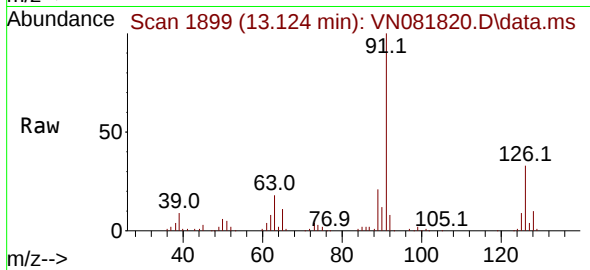
Tgt Ion: 91 Resp: 250420
Ion Ratio Lower Upper
91 100
120 22.4 0.0 43.8





#75
2-Chlorotoluene
Concen: 19.989 ug/l
RT: 13.124 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

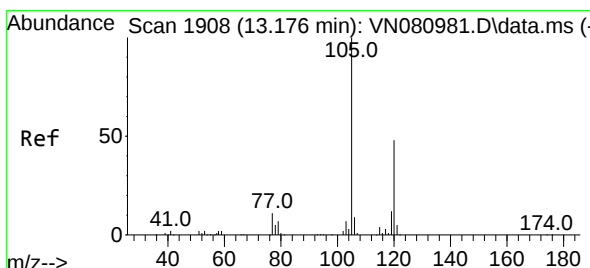
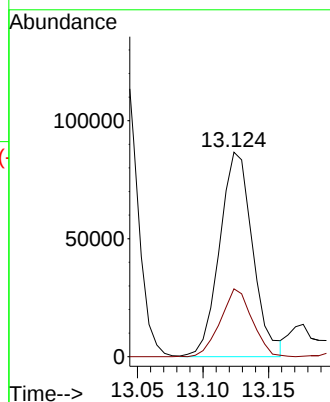
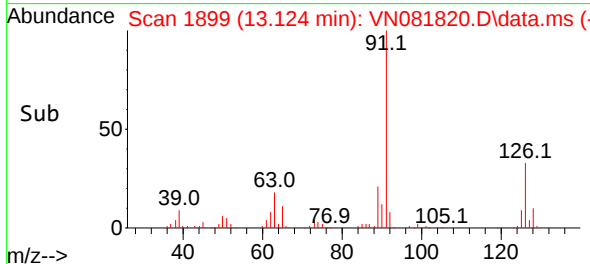


Tgt Ion: 91 Resp: 152349
Ion Ratio Lower Upper
91 100
126 31.7 0.0 61.2

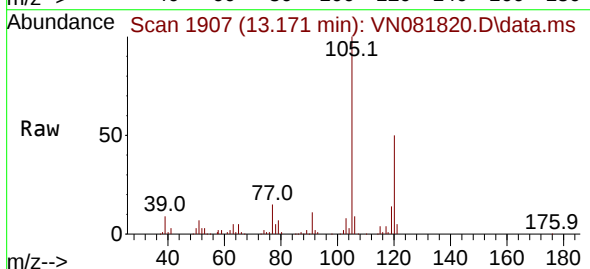
Manual Integrations
APPROVED

Reviewed By :John
Carlone
04/23/2024

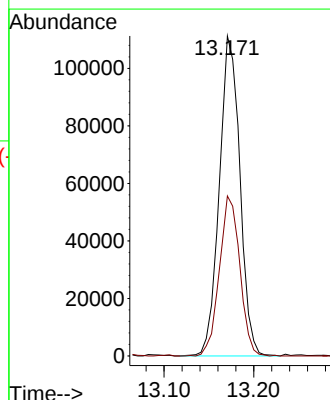
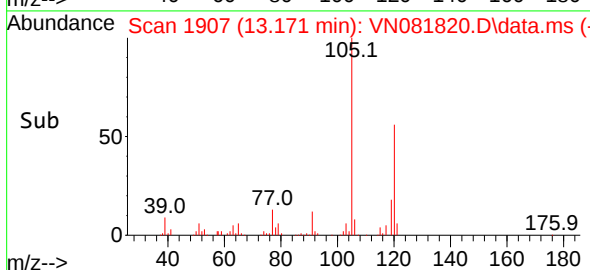
Supervised By :Mahesh
Dadoda
04/23/2024

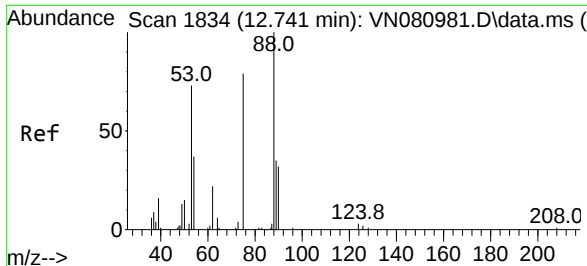


#76
1,3,5-Trimethylbenzene
Concen: 19.517 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40



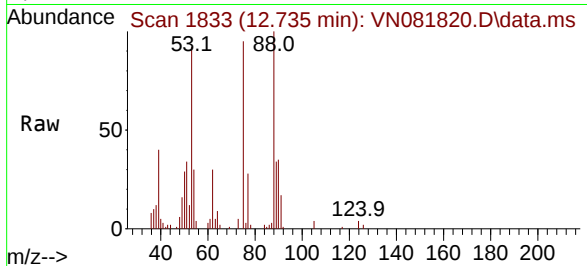
Tgt Ion:105 Resp: 177043
Ion Ratio Lower Upper
105 100
120 49.6 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 21.484 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

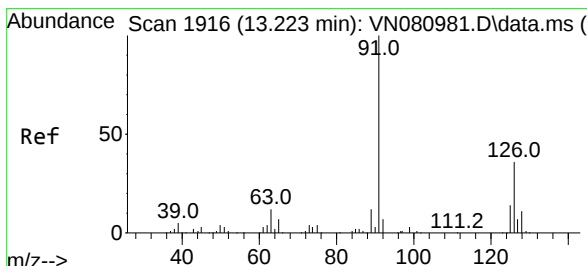
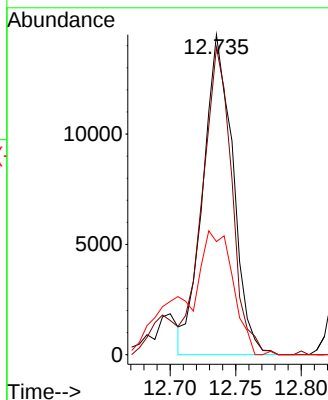
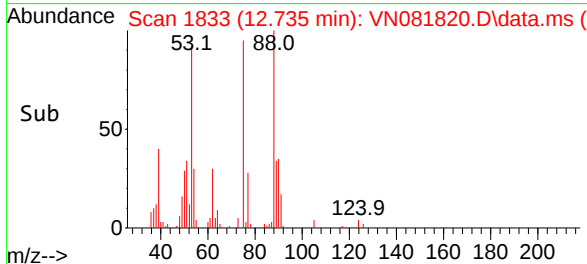


Tgt Ion: 75 Resp: 22990
Ion Ratio Lower Upper
75 100
53 96.1 45.9 137.7
89 35.3 25.9 77.7

Manual Integrations
APPROVED

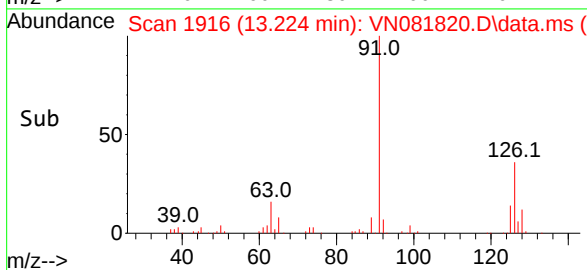
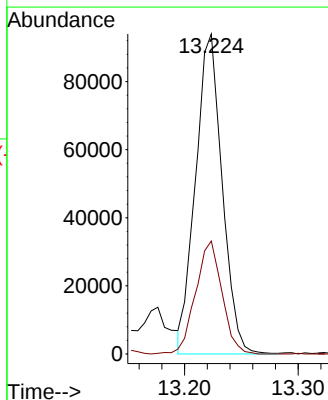
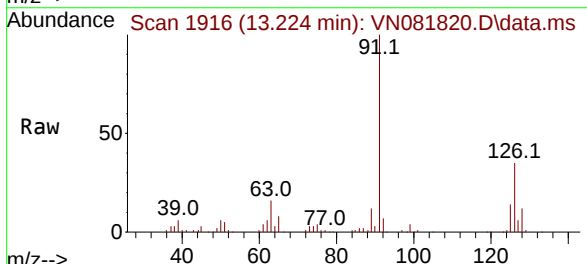
Reviewed By :John
Carlone
04/23/2024

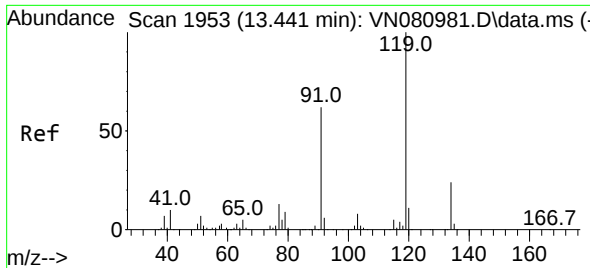
Supervised By :Mahesh
Dadoda
04/23/2024



#78
4-Chlorotoluene
Concen: 20.255 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Tgt Ion: 91 Resp: 153113
Ion Ratio Lower Upper
91 100
126 34.9 0.0 62.8





#79
tert-butylbenzene
Concen: 19.237 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:119 Resp: 148459
Ion Ratio Lower Upper
119 100
91 67.9 0.0 138.8
134 24.2 0.0 48.6

Manual Integrations
APPROVED

Reviewed By :John

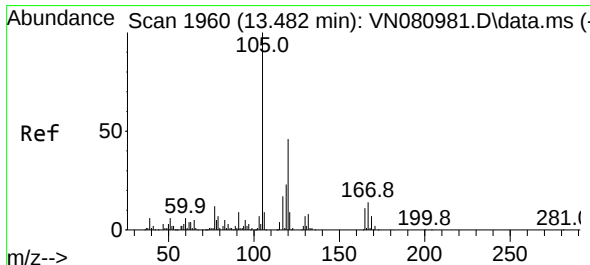
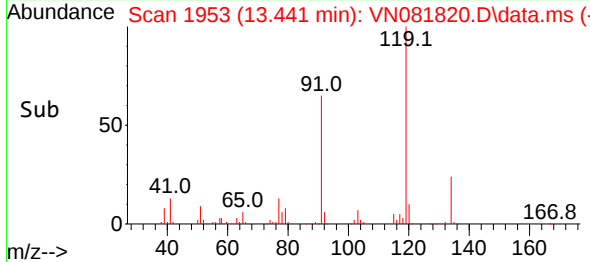
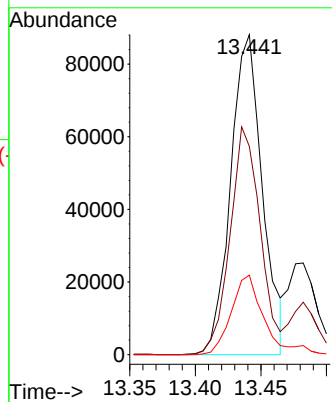
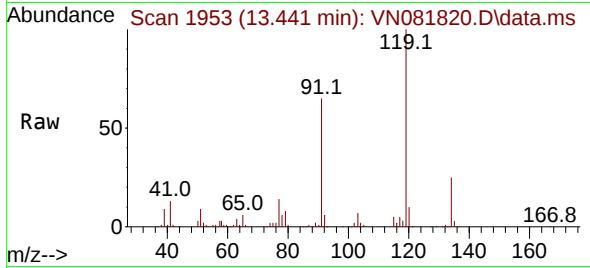
Carlone

04/23/2024

Supervised By :Mahesh

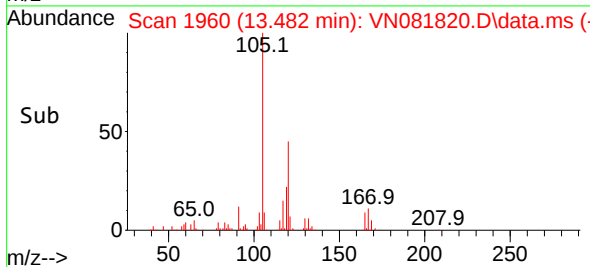
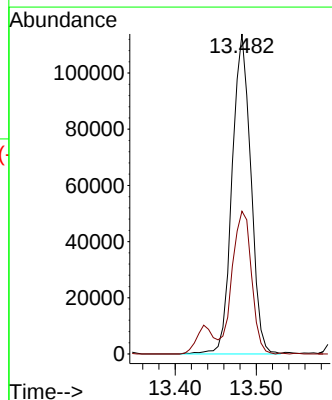
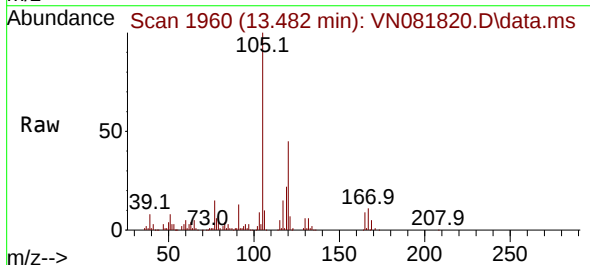
Dadoda

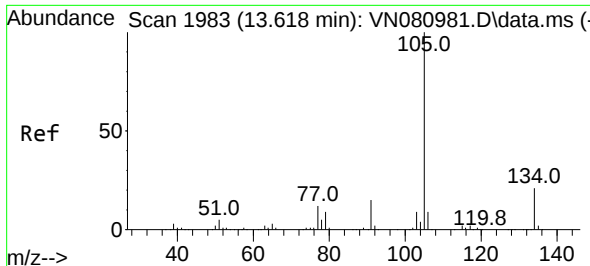
04/23/2024



#80
1,2,4-Trimethylbenzene
Concen: 20.132 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

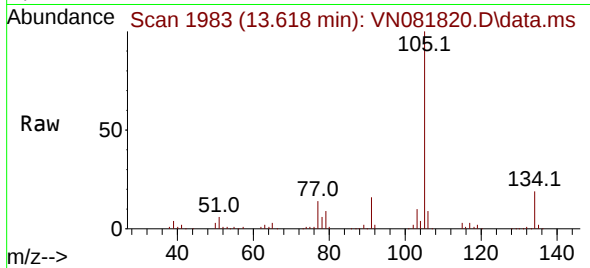
Tgt Ion:105 Resp: 182121
Ion Ratio Lower Upper
105 100
120 46.0 0.0 86.8





#81
sec-Butylbenzene
Concen: 19.187 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

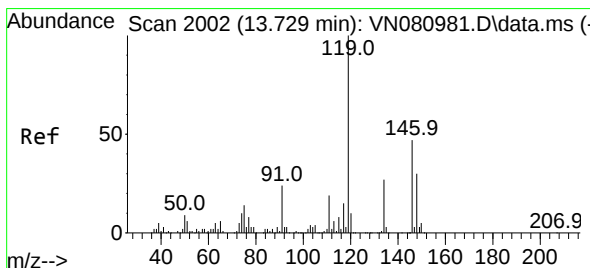
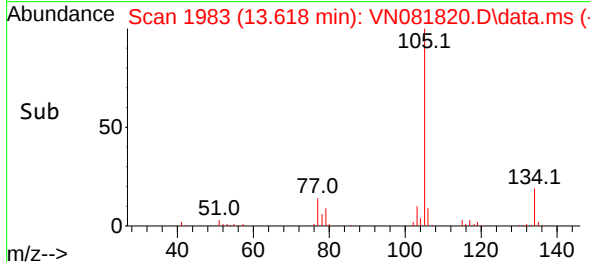
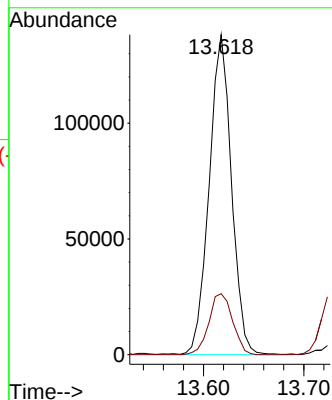


Tgt Ion:105 Resp: 21354
Ion Ratio Lower Upper
105 100
134 20.2 0.0 39.0

Manual Integrations
APPROVED

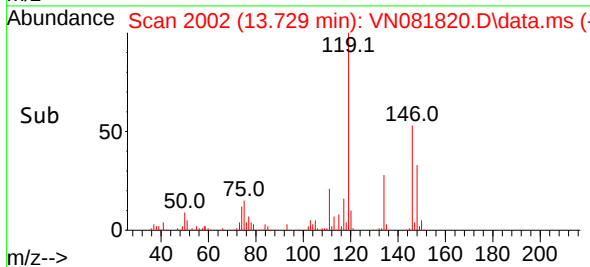
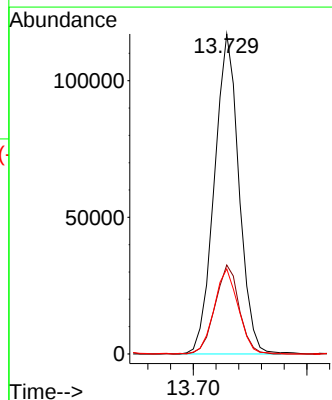
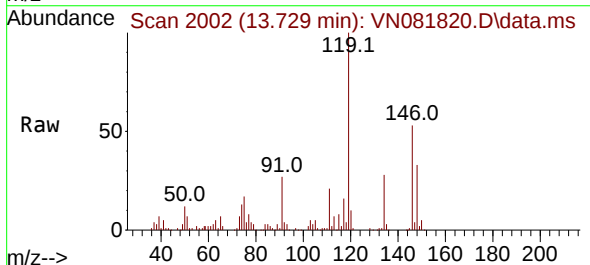
Reviewed By :John
Carlone
04/23/2024

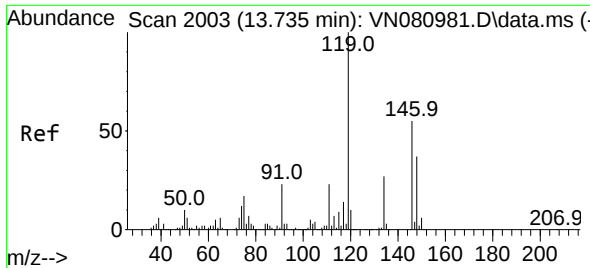
Supervised By :Mahesh
Dadoda
04/23/2024



#82
p-Isopropyltoluene
Concen: 18.865 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Tgt Ion:119 Resp: 176090
Ion Ratio Lower Upper
119 100
134 27.2 0.0 49.2
91 26.3 0.0 48.8





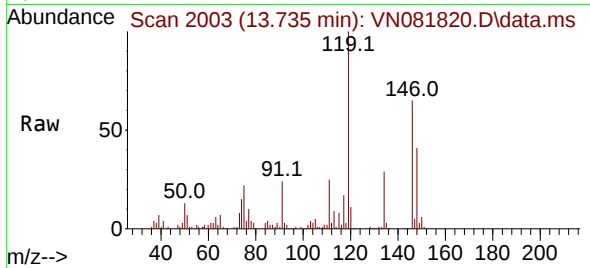
#83
1,3-Dichlorobenzene
Concen: 21.375 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion:146 Resp: 10579
Ion Ratio Lower Upper
146 100
111 41.1 22.4 67.0
148 63.6 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John

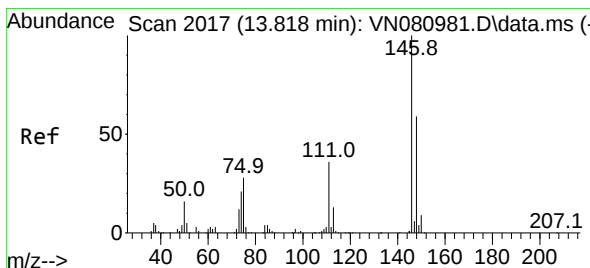
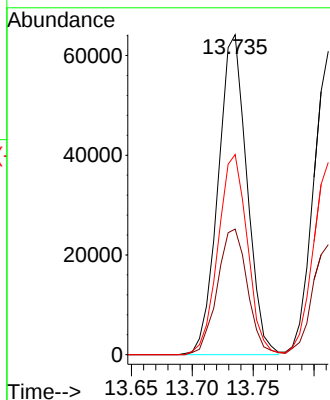
Carlone

04/23/2024

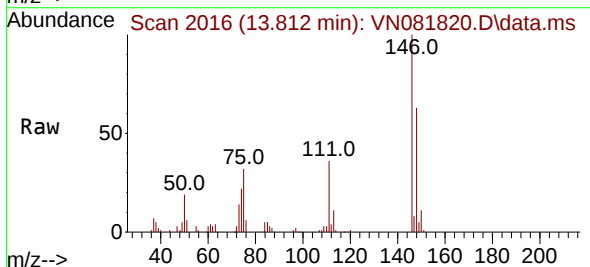
Supervised By :Mahesh

Dadoda

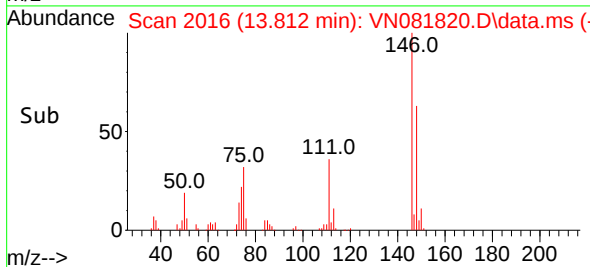
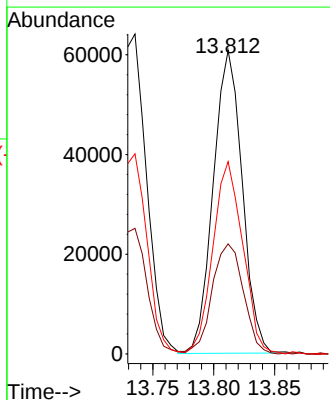
04/23/2024

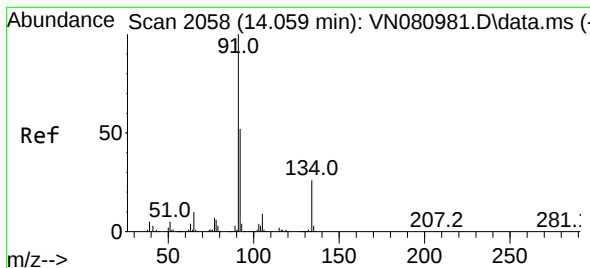


#84
1,4-Dichlorobenzene
Concen: 20.996 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40



Tgt Ion:146 Resp: 100591
Ion Ratio Lower Upper
146 100
111 39.2 21.3 63.9
148 65.6 31.9 95.5





#85

n-Butylbenzene

Concen: 23.835 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081820.D

Acq: 22 Apr 2024 09:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 91 Resp: 18740

Ion Ratio Lower Upper

91 100

92 49.8 0.0 105.0

134 25.4 0.0 51.8

Manual Integrations

APPROVED

Reviewed By :John

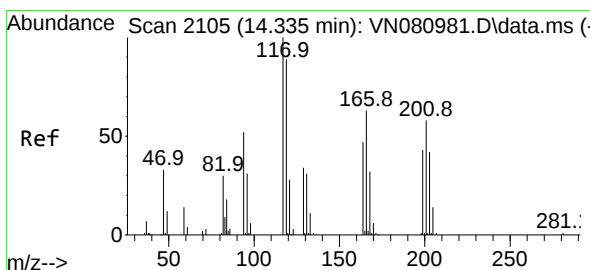
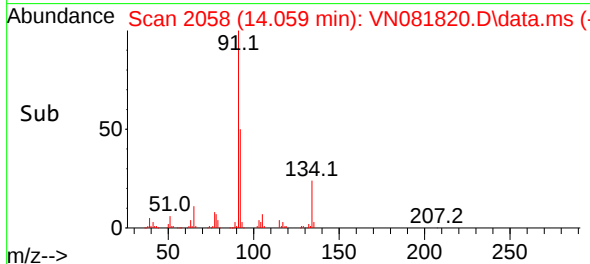
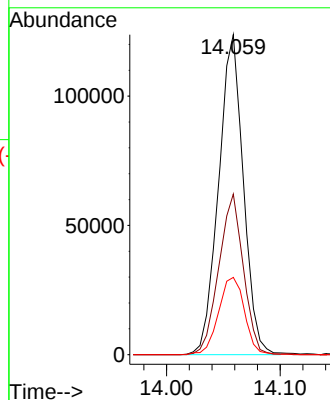
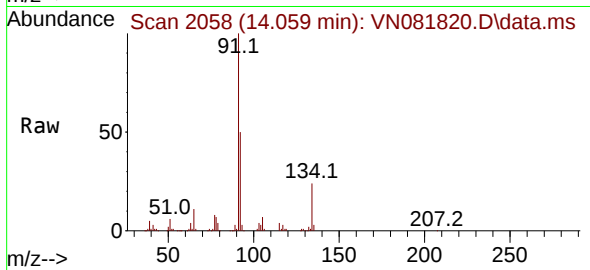
Carlone

04/23/2024

Supervised By :Mahesh

Dadoda

04/23/2024



#86

Hexachloroethane

Concen: 26.552 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081820.D

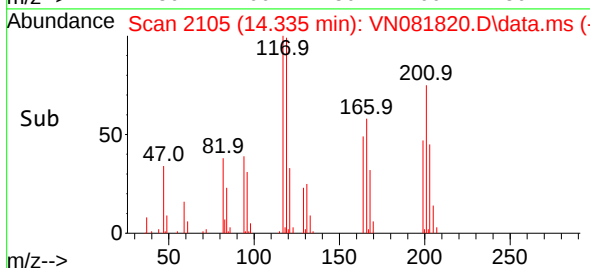
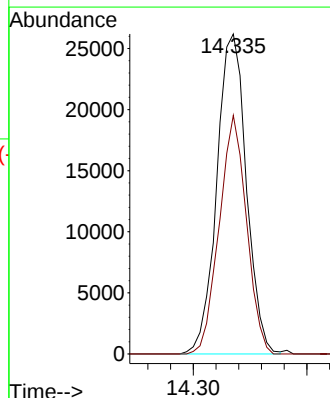
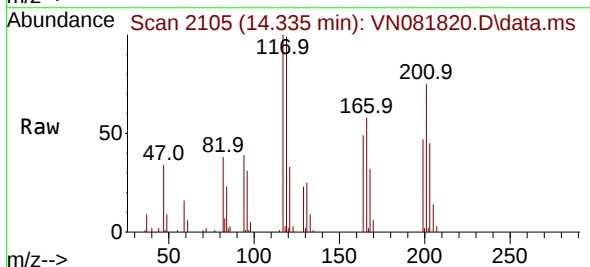
Acq: 22 Apr 2024 09:40

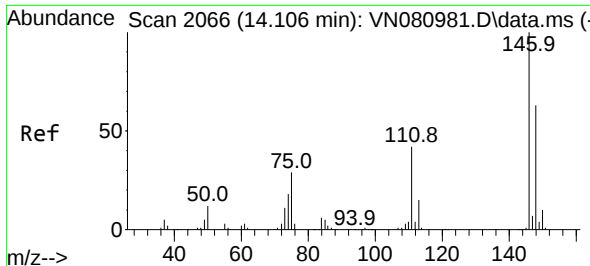
Tgt Ion:117 Resp: 47349

Ion Ratio Lower Upper

117 100

201 68.7 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 28.902 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN081820.D

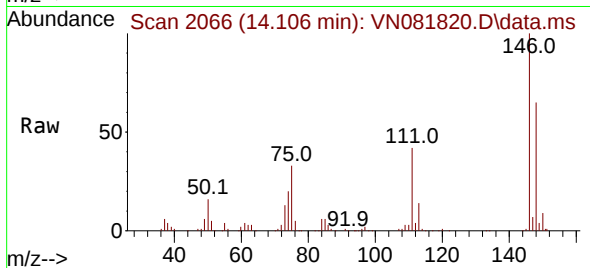
Acq: 22 Apr 2024 09:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion:146 Resp: 136158

Ion	Ratio	Lower	Upper
146	100		
111	41.4	22.6	67.8
148	62.2	31.3	93.8

Manual Integrations

APPROVED

Reviewed By :John

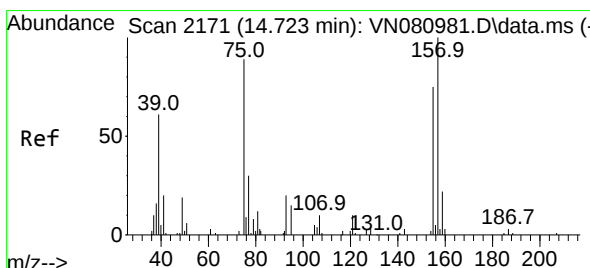
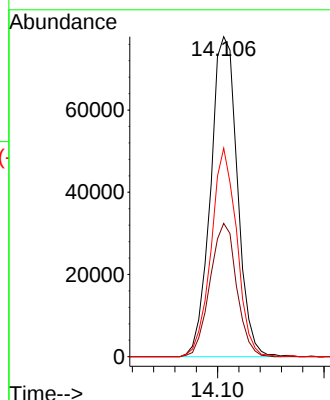
Carlone

04/23/2024

Supervised By :Mahesh

Dadoda

04/23/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 26.050 ug/l

RT: 14.718 min Scan# 2170

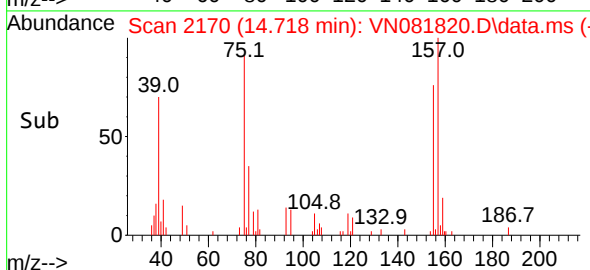
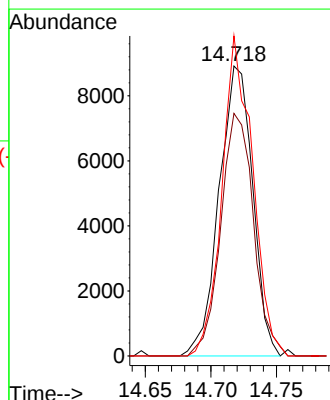
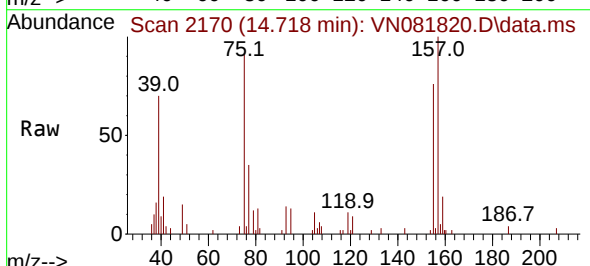
Delta R.T. -0.006 min

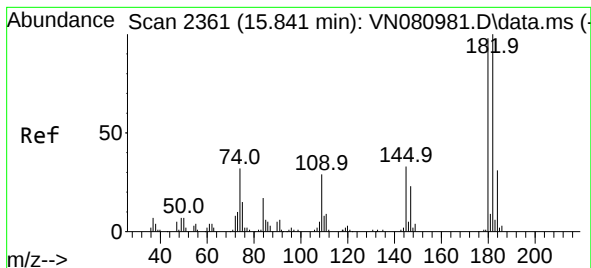
Lab File: VN081820.D

Acq: 22 Apr 2024 09:40

Tgt Ion: 75 Resp: 15854

Ion	Ratio	Lower	Upper
75	100		
155	81.8	61.7	92.5
157	100.4	83.6	125.4





#89

1,2,4-Trichlorobenzene

Concen: 26.982 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN081820.D

Acq: 22 Apr 2024 09:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:	180	Resp:	6967
Ion Ratio	Lower	Upper	
180	100		
182	93.4	76.4	114.6
145	33.4	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :John

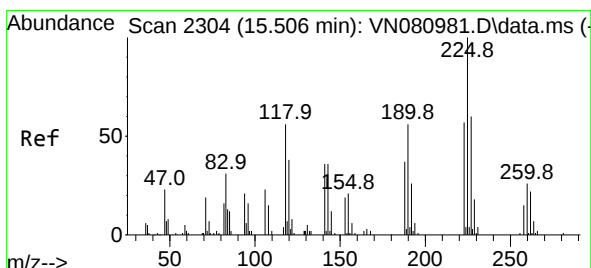
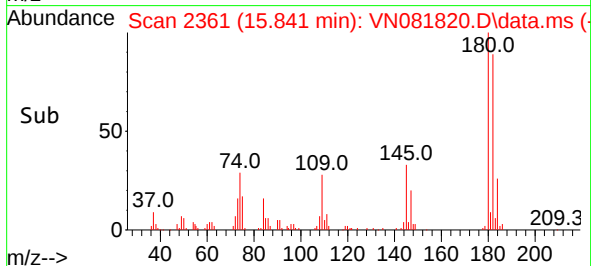
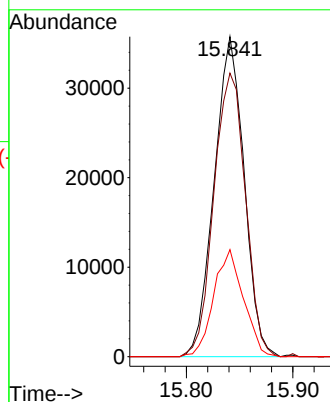
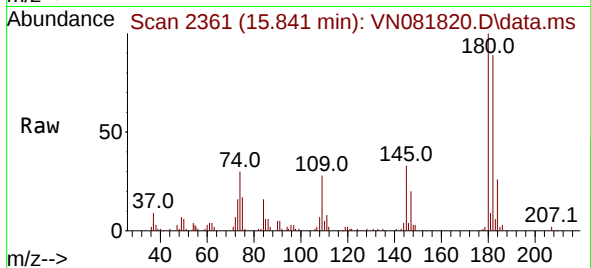
Carlone

04/23/2024

Supervised By :Mahesh

Dadoda

04/23/2024



#90

Hexachlorobutadiene

Concen: 27.547 ug/l

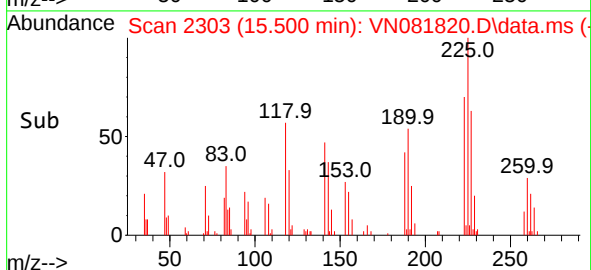
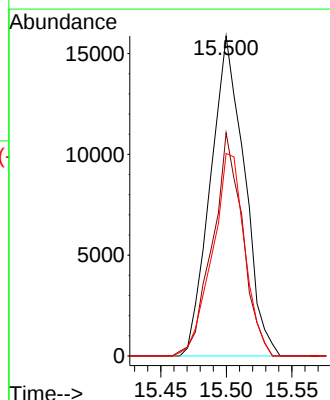
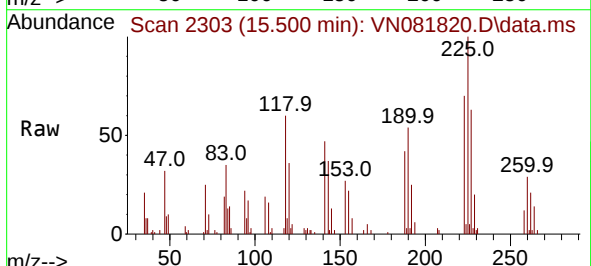
RT: 15.500 min Scan# 2303

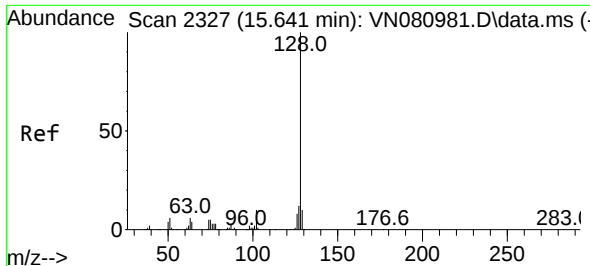
Delta R.T. -0.006 min

Lab File: VN081820.D

Acq: 22 Apr 2024 09:40

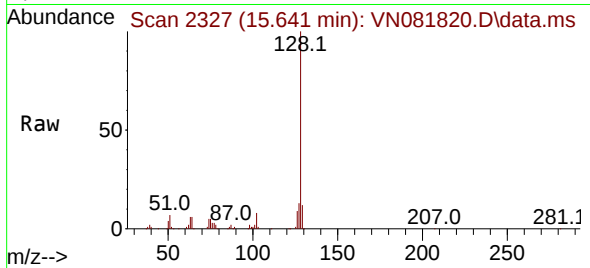
Tgt Ion:	225	Resp:	28504
Ion Ratio	Lower	Upper	
225	100		
223	62.1	0.0	126.6
227	60.4	0.0	126.6





#91
Naphthalene
Concen: 25.132 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

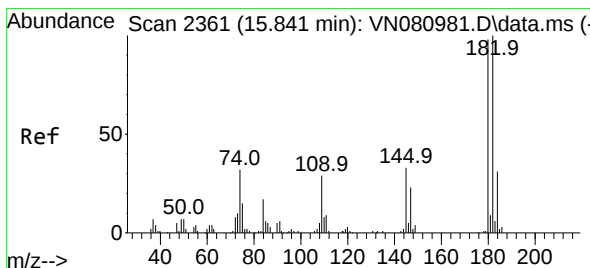
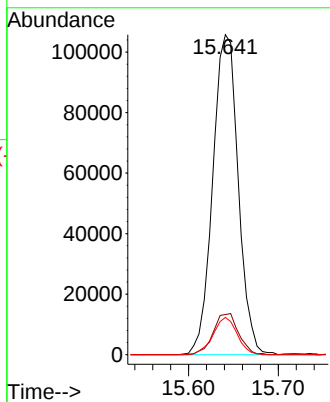
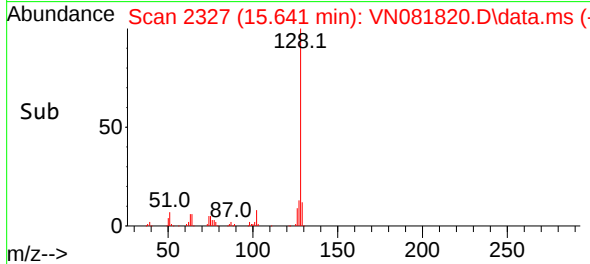


Tgt Ion:128 Resp: 208630
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone
04/23/2024

Supervised By :Mahesh
Dadoda
04/23/2024



#92
1,2,3-Trichlorobenzene
Concen: 26.982 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN081820.D
Acq: 22 Apr 2024 09:40

Tgt Ion:180 Resp: 69672
Ion Ratio Lower Upper
180 100
182 93.4 0.0 191.0
145 33.4 0.0 71.0

