

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020924\
 Data File : VN080984.D
 Acq On : 09 Feb 2024 12:27
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN020924

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/12/2024
 Supervised By : Mahesh Dadoda 02/12/2024

Quant Time: Feb 10 01:55:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:52:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	80902	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	474297	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	423022	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	186721	30.716	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.400%			
60) 4-Bromofluorobenzene	12.853	95	200933	31.070	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 103.567%			
63) Toluene-d8	10.571	98	586558	30.898	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	113982	20.721	ug/l	98
3) Chloromethane	2.359	50	116351	21.047	ug/l	96
4) Vinyl Chloride	2.512	62	141061	21.402	ug/l	96
5) Bromomethane	2.959	94	91445m	20.656	ug/l	
6) Chloroethane	3.124	64	92727	21.582	ug/l	99
7) Trichlorofluoromethane	3.495	101	179538	20.686	ug/l	93
8) Diethyl Ether	3.953	74	59695	19.569	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	96598	20.507	ug/l	95
10) 1,1-Dichloroethene	4.336	96	96699	20.945	ug/l	98
11) Methyl Iodide	4.589	142	90208	18.244	ug/l	87
12) Methyl Acetate	5.030	43	83364	19.926	ug/l	94
13) Acrolein	4.177	56	76288	83.617	ug/l	98
14) Acrylonitrile	5.718	53	211099	101.614	ug/l	98
15) Acetone	4.424	58	49070m	102.676	ug/l	
16) Carbon Disulfide	4.718	76	246018	19.417	ug/l	99
17) Allyl chloride	5.018	41	121505	20.956	ug/l	88
18) Methylene Chloride	5.271	84	103115	19.544	ug/l	93
19) trans-1,2-Dichloroethene	5.789	96	104012	19.846	ug/l	85
20) Diisopropyl ether	6.671	45	290808	20.867	ug/l	92
21) 1,1-Dichloroethane	6.565	63	183378	20.533	ug/l	96
22) cis-1,2-Dichloroethene	7.483	96	124641	20.467	ug/l	95
23) tert-Butyl Alcohol	5.524	59	82380m	108.853	ug/l	
24) Methyl tert-Butyl Ether	5.794	73	309671	20.233	ug/l	96
25) Chloroform	7.965	83	207514	20.944	ug/l	98
26) Cyclohexane	8.259	56	144205	21.443	ug/l #	87
29) 1,1-Dichloropropene	8.371	75	146032	20.670	ug/l	97
30) 2-Butanone	7.483	43	263838	101.785	ug/l	98
31) 2,2-Dichloropropane	7.488	77	173493	21.568	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	184763	20.789	ug/l	99
33) Carbon Tetrachloride	8.359	117	155927	20.823	ug/l	94
34) Benzene	8.606	78	448118	20.756	ug/l	98
35) Methacrylonitrile	7.777	41	63194	20.742	ug/l	84
36) 1,2-Dichloroethane	8.671	62	151674	20.933	ug/l	97
37) Trichloroethene	9.353	130	121099	21.097	ug/l	97
38) Methylcyclohexane	9.606	83	147036	20.854	ug/l	95
39) 1,2-Dichloropropane	9.624	63	105524	20.606	ug/l	98
40) Dibromomethane	9.706	93	81849	21.008	ug/l	93
41) Bromodichloromethane	9.888	83	154737	20.293	ug/l	96
42) Vinyl Acetate	6.606	43	1130282	101.941	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020924\
 Data File : VN080984.D
 Acq On : 09 Feb 2024 12:27
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN020924

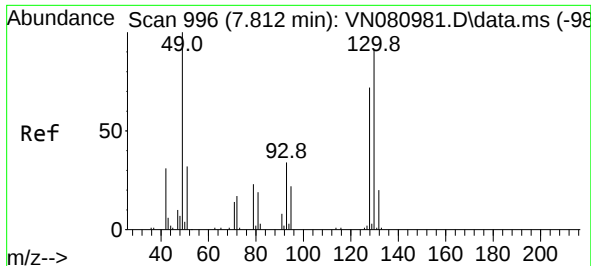
Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/12/2024
 Supervised By : Mahesh Dadoda 02/12/2024

Quant Time: Feb 10 01:55:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:52:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	110987	20.557	ug/l	# 84
44) Isopropyl Acetate	8.688	43	199229	20.537	ug/l	98
45) 1,4-Dioxane	9.694	88	40023	435.018	ug/l	91
46) Methyl methacrylate	9.682	41	88712	19.986	ug/l	93
47) n-amyl Acetate	12.500	43	166429	19.672	ug/l	93
48) t-1,3-Dichloropropene	10.841	75	164701	20.610	ug/l	98
49) cis-1,3-Dichloropropene	10.312	75	174650	20.169	ug/l	96
50) 1,1,2-Trichloroethane	11.018	97	107325	19.909	ug/l	97
51) Ethyl methacrylate	10.876	69	147197	19.537	ug/l	90
52) 1,3-Dichloropropane	11.165	76	182042	20.449	ug/l	99
53) Dibromochloromethane	11.365	129	112807	19.199	ug/l	99
54) 1,2-Dibromoethane	11.476	107	112320	20.139	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	378087	97.922	ug/l	99
56) Bromoform	12.576	173	67730	18.099	ug/l	98
58) 4-Methyl-2-Pentanone	10.447	43	578355	105.309	ug/l	94
59) 2-Hexanone	11.200	43	435999	107.938	ug/l	94
61) Tetrachloroethene	11.106	164	102322	21.175	ug/l	94
62) Toluene	10.635	91	485342	20.945	ug/l	99
64) Chlorobenzene	11.894	112	294335	20.739	ug/l	92
65) 1,1,1,2-Tetrachloroethane	11.965	131	106495	20.229	ug/l	96
66) Ethyl Benzene	11.965	91	514778	21.128	ug/l	98
67) m/p-Xylenes	12.076	106	395958	41.382	ug/l	98
68) o-Xylene	12.400	106	193466	20.632	ug/l	96
69) Styrene	12.412	104	316304	20.490	ug/l	96
70) Isopropylbenzene	12.700	105	472174	20.663	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	142710	20.253	ug/l	98
72) 1,2,3-Trichloropropane	13.000	75	114090m	20.683	ug/l	
73) Bromobenzene	12.982	156	116604	20.519	ug/l	95
74) n-propylbenzene	13.041	91	537269	20.687	ug/l	98
75) 2-Chlorotoluene	13.129	91	339466	21.056	ug/l	95
76) 1,3,5-Trimethylbenzene	13.176	105	388029	20.753	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	41353	19.811	ug/l	92
78) 4-Chlorotoluene	13.223	91	337988	20.931	ug/l	94
79) tert-butylbenzene	13.441	119	314541	20.265	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	394979	21.202	ug/l	100
81) sec-Butylbenzene	13.617	105	453080	20.845	ug/l	100
82) p-Isopropyltoluene	13.735	119	370938	20.328	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	207283	20.280	ug/l	98
84) 1,4-Dichlorobenzene	13.817	146	205737	20.054	ug/l	99
85) n-Butylbenzene	14.059	91	312931	20.785	ug/l	100
86) Hexachloroethane	14.341	117	55392	19.245	ug/l	87
87) 1,2-Dichlorobenzene	14.106	146	202825	20.382	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.723	75	26868	21.125	ug/l	95
89) 1,2,4-Trichlorobenzene	15.841	180	93750	19.258	ug/l	99
90) Hexachlorobutadiene	15.506	225	40724	19.067	ug/l	98
91) Naphthalene	15.647	128	330873	19.142	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	93750	19.258	ug/l	99

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



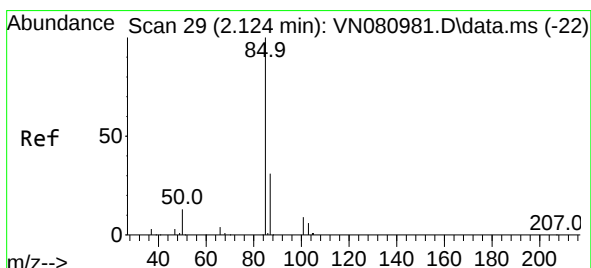
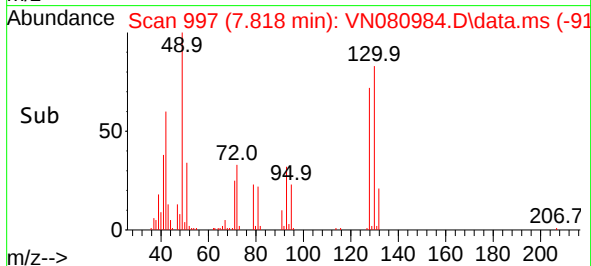
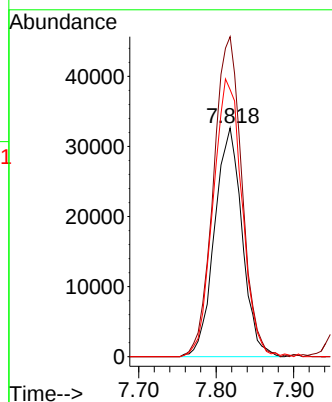
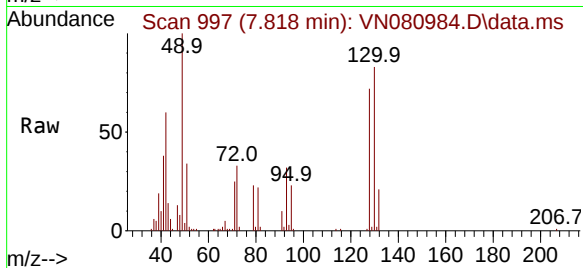
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924

Tgt Ion:128 Resp: 80902
Ion Ratio Lower Upper
128 100
49 144.4 0.0 403.7
130 127.6 0.0 323.3

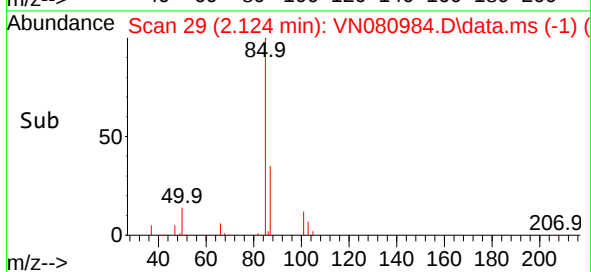
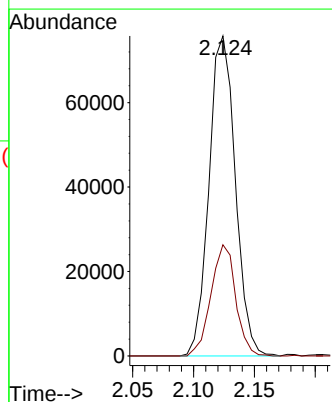
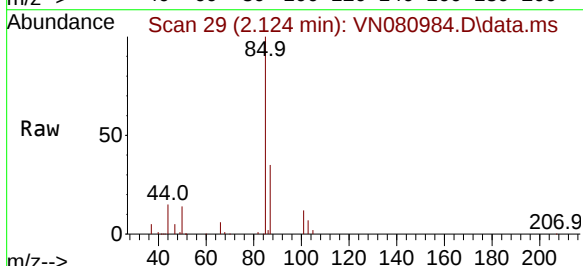
Manual Integrations
APPROVED

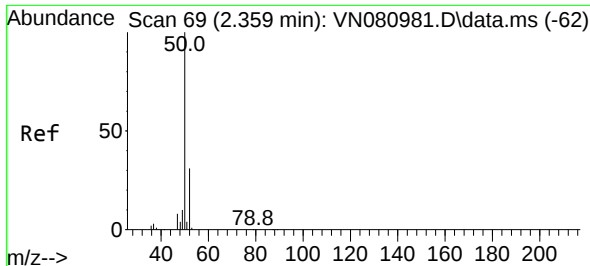
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#2
Dichlorodifluoromethane
Concen: 20.721 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

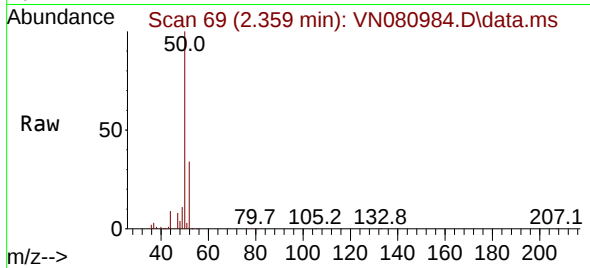
Tgt Ion: 85 Resp: 113982
Ion Ratio Lower Upper
85 100
87 34.8 16.8 50.3





#3
Chloromethane
Concen: 21.047 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

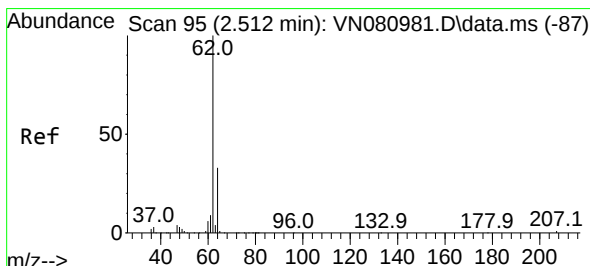
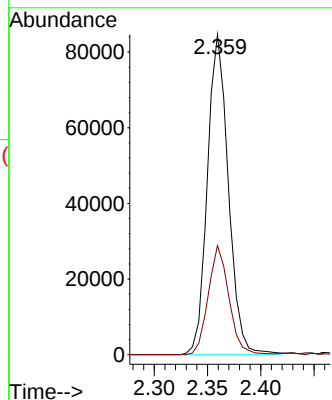
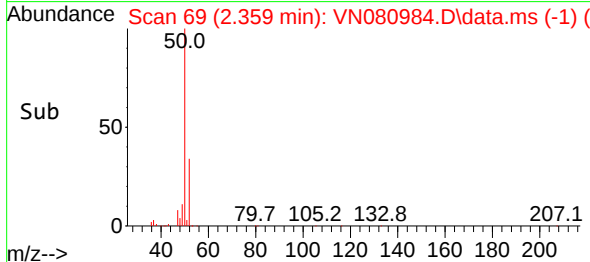
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924



Tgt Ion: 50 Resp: 11635
Ion Ratio Lower Upper
50 100
52 34.1 25.4 38.0

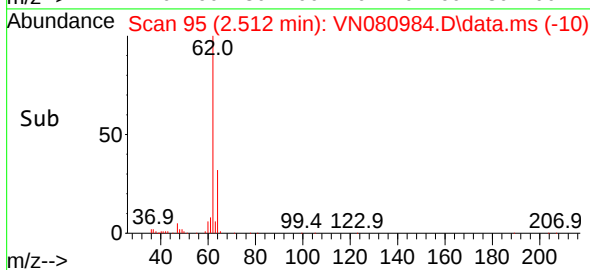
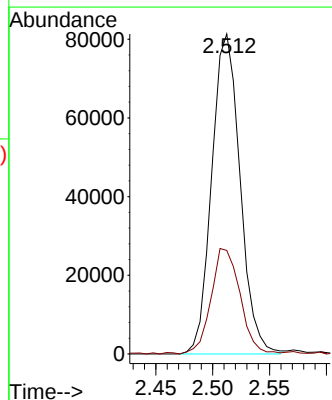
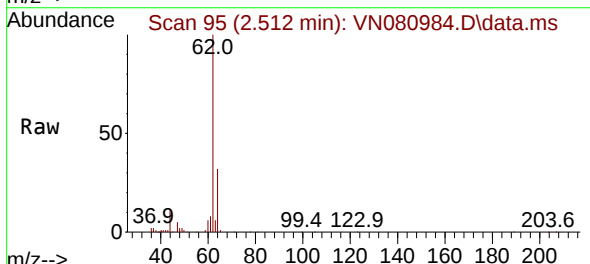
Manual Integrations
APPROVED

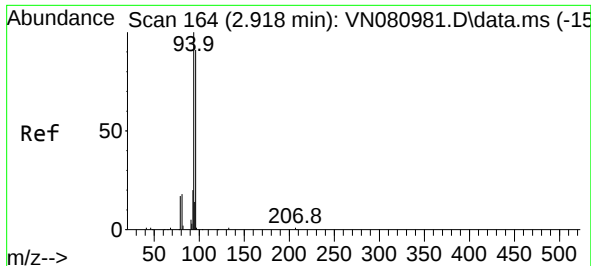
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#4
Vinyl Chloride
Concen: 21.402 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

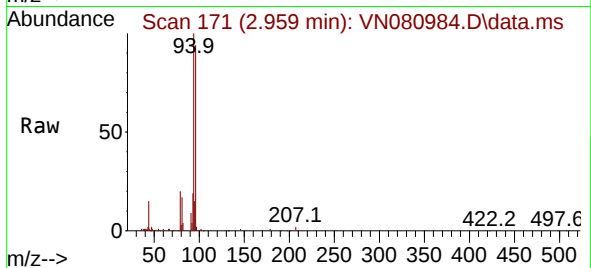
Tgt Ion: 62 Resp: 141061
Ion Ratio Lower Upper
62 100
64 32.3 24.1 36.1





#5
Bromomethane
Concen: 20.656 ug/l m
RT: 2.959 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

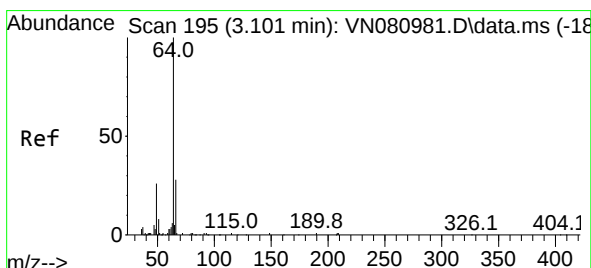
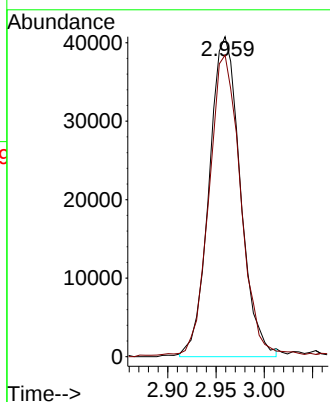
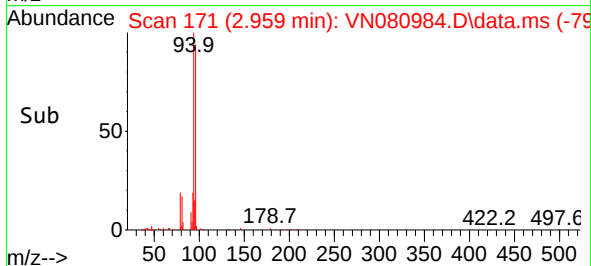
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924



Tgt Ion: 94 Resp: 9144
Ion Ratio Lower Upper
94 100
96 94.3 72.8 109.2

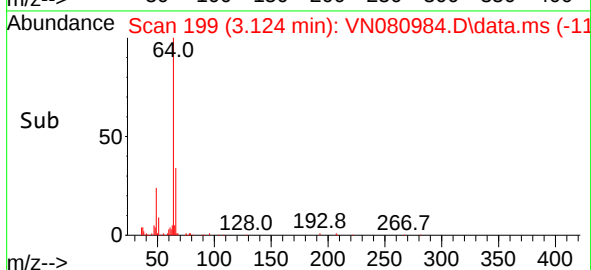
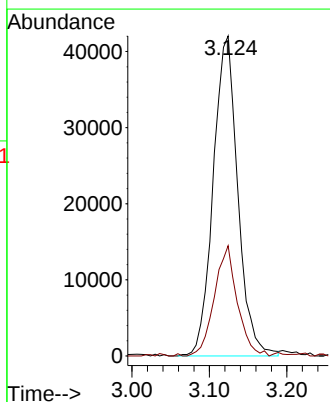
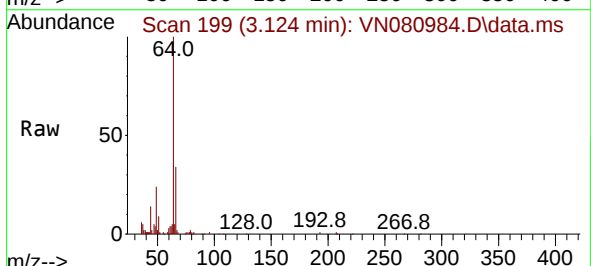
Manual Integrations
APPROVED

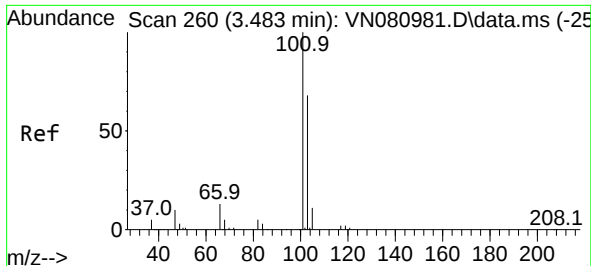
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#6
Chloroethane
Concen: 21.582 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.023 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

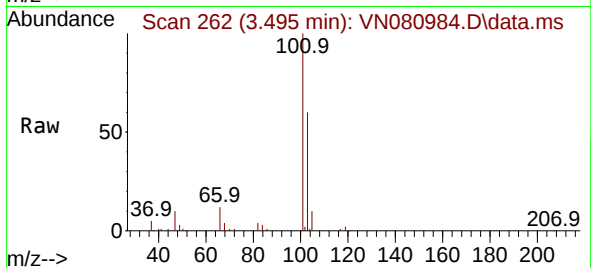
Tgt Ion: 64 Resp: 92727
Ion Ratio Lower Upper
64 100
66 33.7 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 20.686 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: VN080984.D
 Acq: 09 Feb 2024 12:27

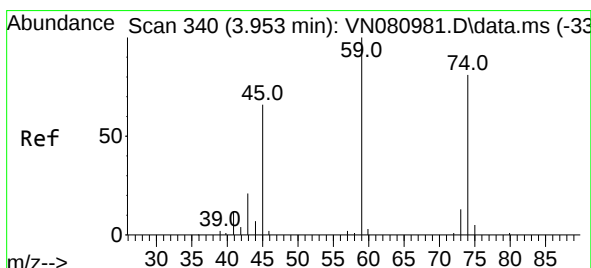
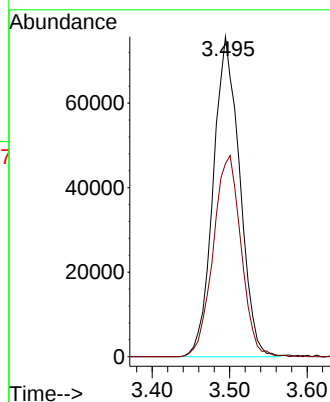
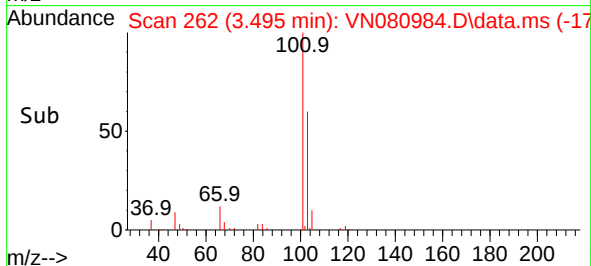
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN020924



Tgt Ion: 101 Resp: 179538
 Ion Ratio Lower Upper
 101 100
 103 60.4 53.0 79.4

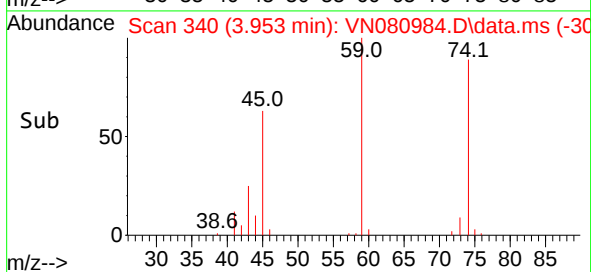
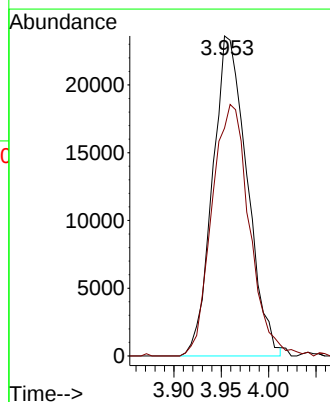
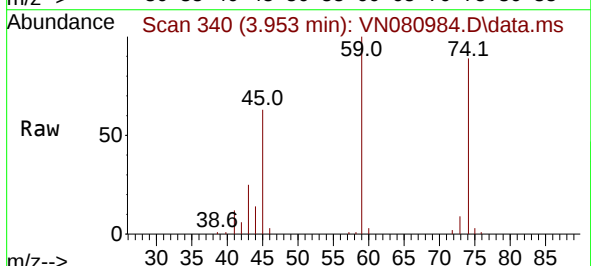
Manual Integrations
 APPROVED

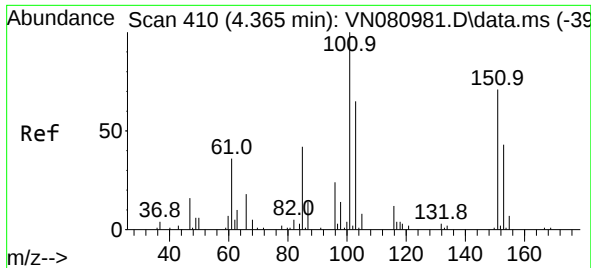
Reviewed By : John Carlone 02/12/2024
 Supervised By : Mahesh Dadoda 02/12/2024



#8
 Diethyl Ether
 Concen: 19.569 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VN080984.D
 Acq: 09 Feb 2024 12:27

Tgt Ion: 74 Resp: 59695
 Ion Ratio Lower Upper
 74 100
 45 85.4 16.4 147.4





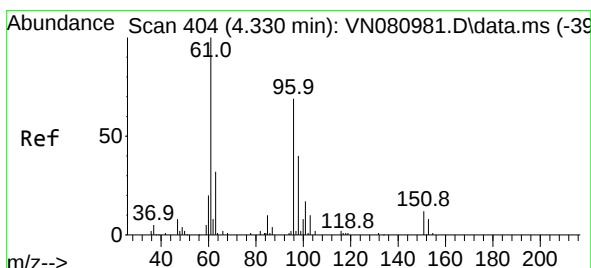
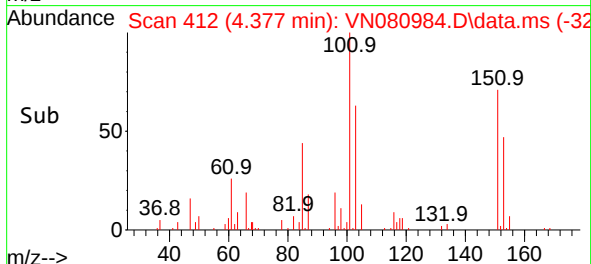
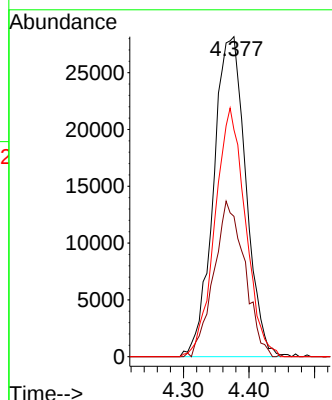
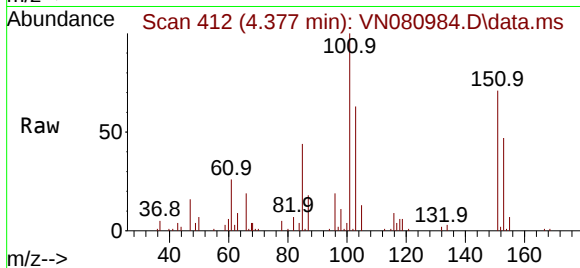
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.507 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924

Tgt Ion:101 Resp: 96598
Ion Ratio Lower Upper
101 100
85 46.2 0.0 90.6
151 73.3 0.0 157.6

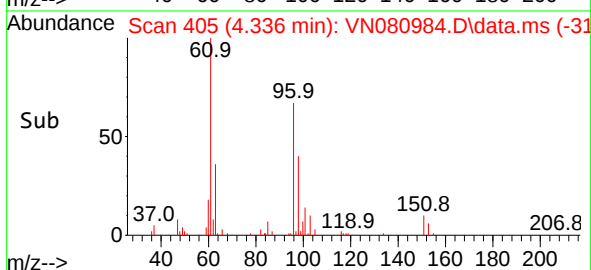
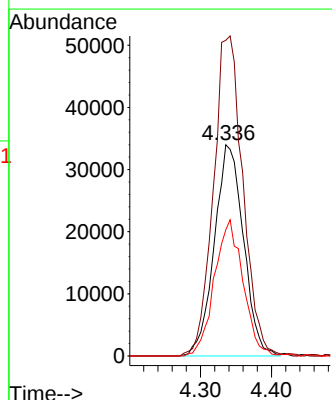
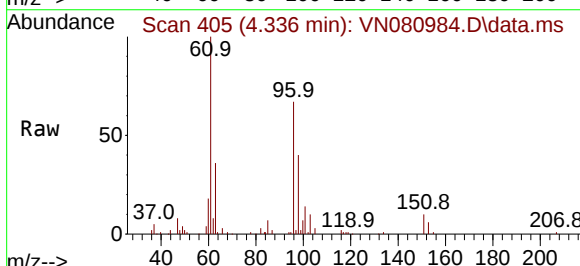
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#10
1,1-Dichloroethene
Concen: 20.945 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

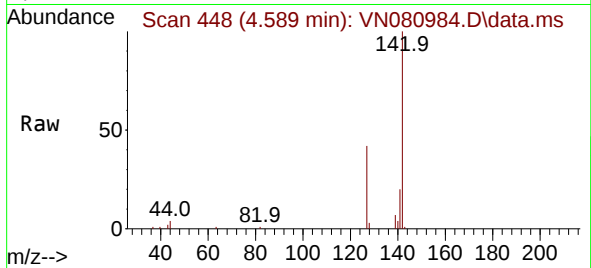
Tgt Ion: 96 Resp: 96699
Ion Ratio Lower Upper
96 100
61 149.5 117.6 176.4
98 59.7 48.4 72.6





#11
Methyl Iodide
Concen: 18.244 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

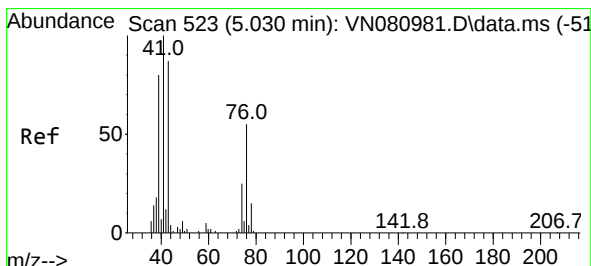
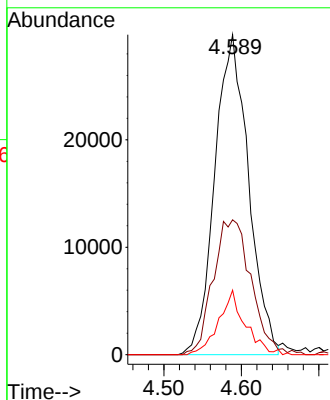
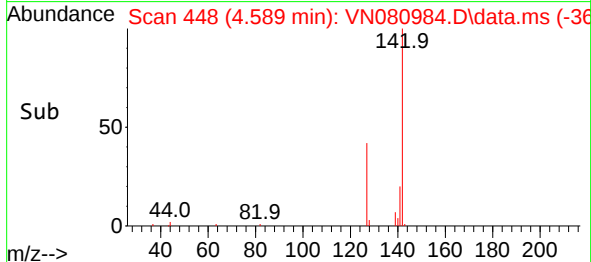
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924



Tgt Ion:142 Resp: 90208
Ion Ratio Lower Upper
142 100
127 41.9 26.3 78.9
141 19.7 8.3 24.9

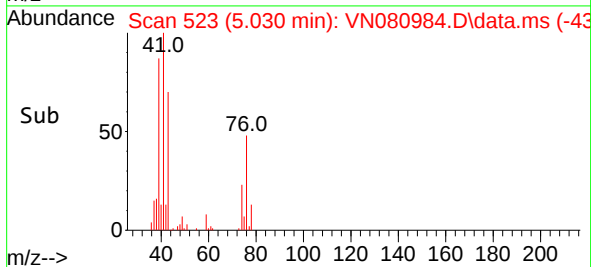
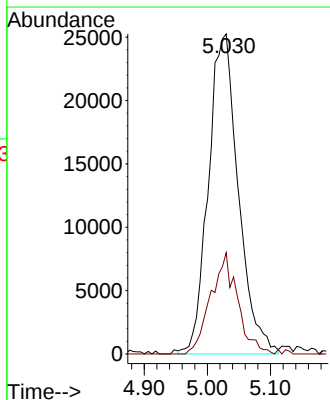
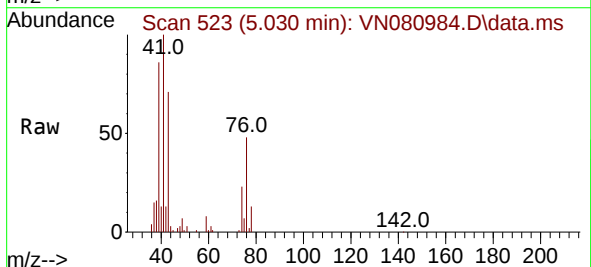
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#12
Methyl Acetate
Concen: 19.926 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

Tgt Ion: 43 Resp: 83364
Ion Ratio Lower Upper
43 100
74 31.3 27.7 41.5





#13

Acrolein

Concen: 83.617 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN080984.D

Acq: 09 Feb 2024 12:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN020924

Tgt Ion: 56 Resp: 7628

Ion Ratio Lower Upper

56 100

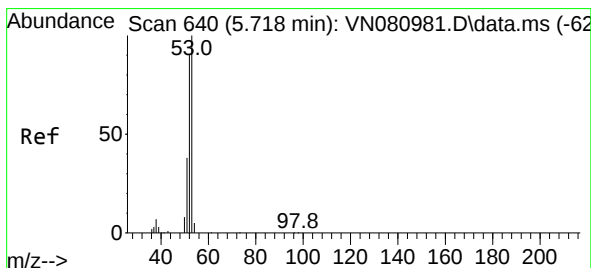
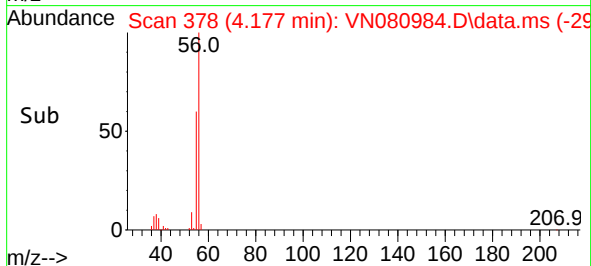
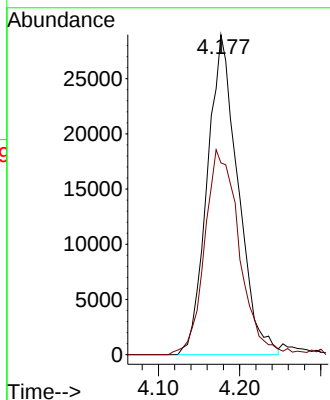
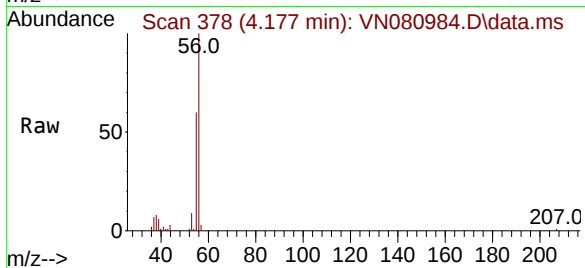
55 71.4 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#14

Acrylonitrile

Concen: 101.614 ug/l

RT: 5.718 min Scan# 640

Delta R.T. -0.000 min

Lab File: VN080984.D

Acq: 09 Feb 2024 12:27

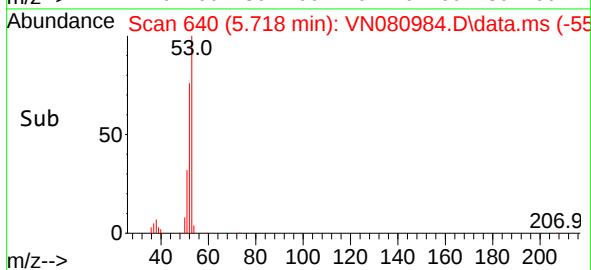
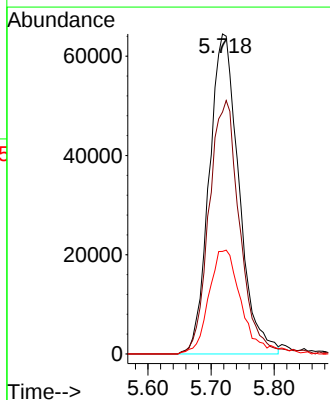
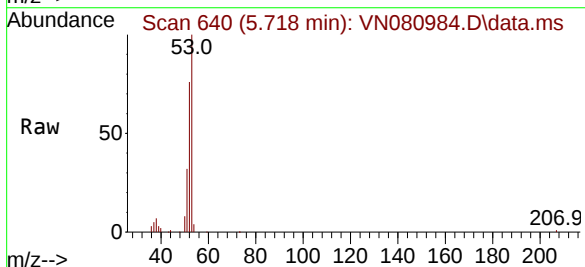
Tgt Ion: 53 Resp: 211099

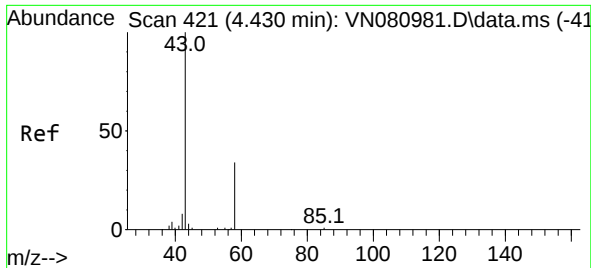
Ion Ratio Lower Upper

53 100

52 81.0 41.3 123.9

51 34.3 16.8 50.3





#15

Acetone

Concen: 102.676 ug/l m

RT: 4.424 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN080984.D

Acq: 09 Feb 2024 12:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN020924

Tgt Ion: 58 Resp: 49070

Ion Ratio Lower Upper

58 100

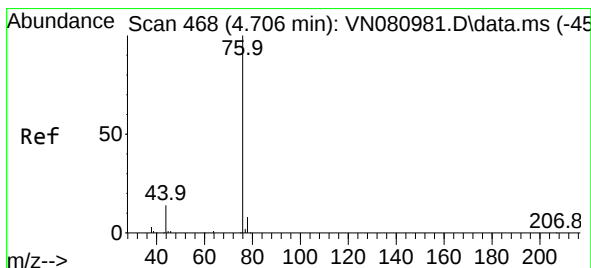
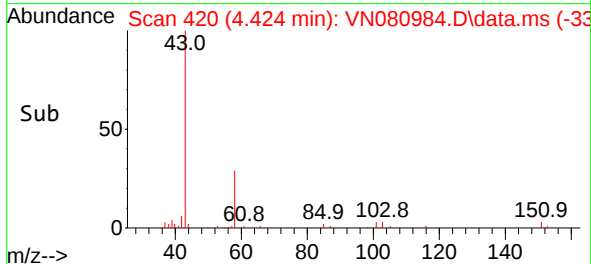
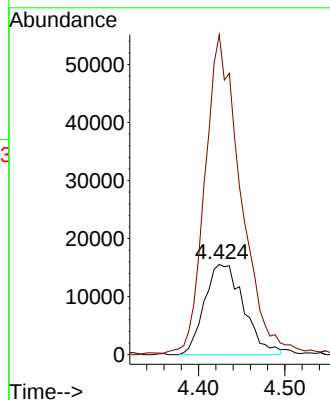
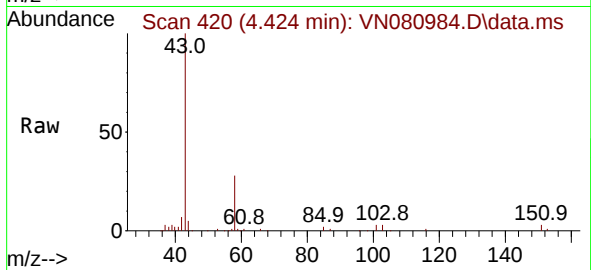
43 354.3 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#16

Carbon Disulfide

Concen: 19.417 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.012 min

Lab File: VN080984.D

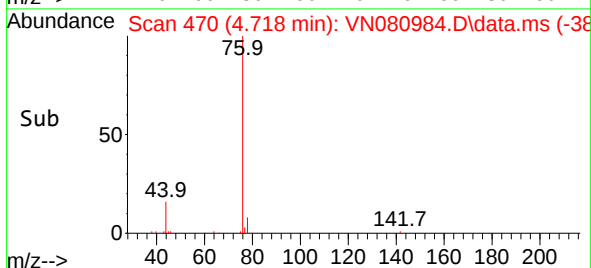
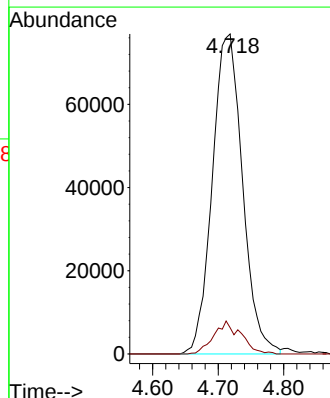
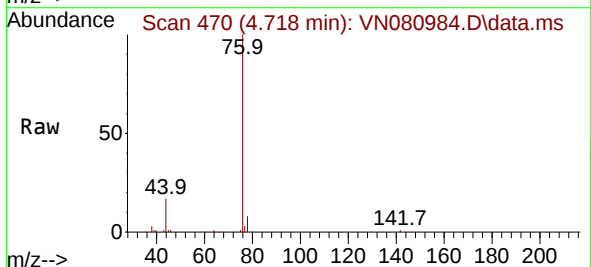
Acq: 09 Feb 2024 12:27

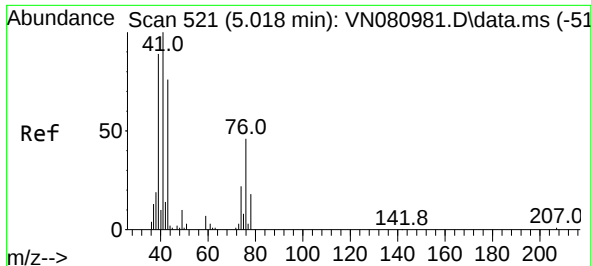
Tgt Ion: 76 Resp: 246018

Ion Ratio Lower Upper

76 100

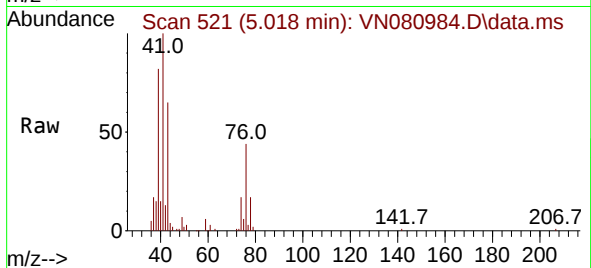
78 8.2 6.3 9.5





#17
 Allyl chloride
 Concen: 20.956 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN080984.D
 Acq: 09 Feb 2024 12:27

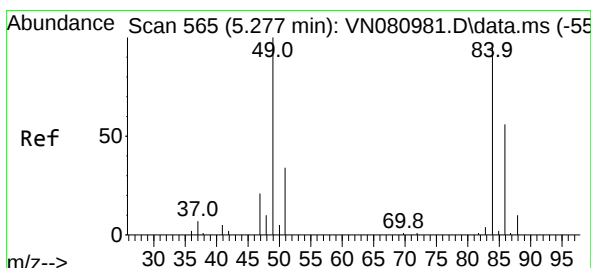
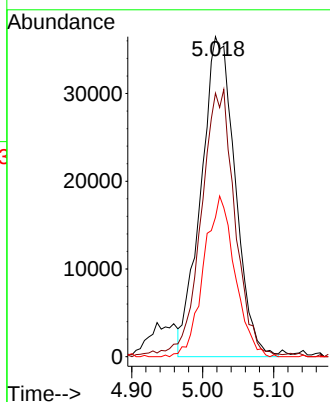
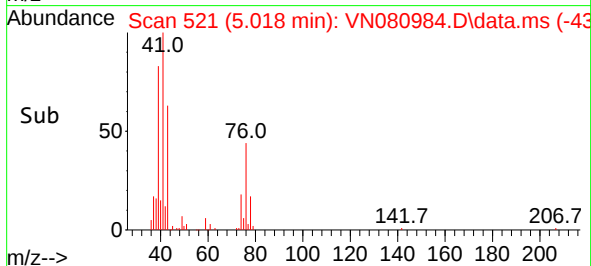
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN020924



Tgt Ion: 41 Resp: 12150
 Ion Ratio Lower Upper
 41 100
 39 82.3 37.6 112.9
 76 44.0 27.8 83.4

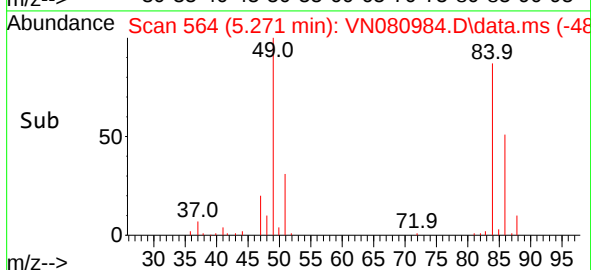
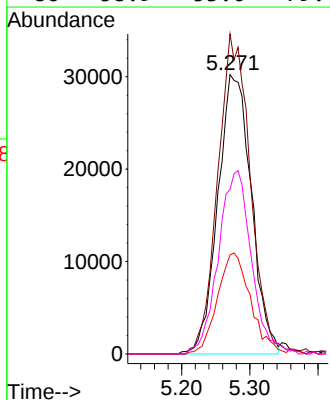
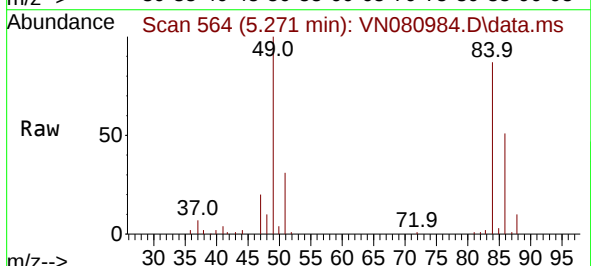
Manual Integrations
 APPROVED

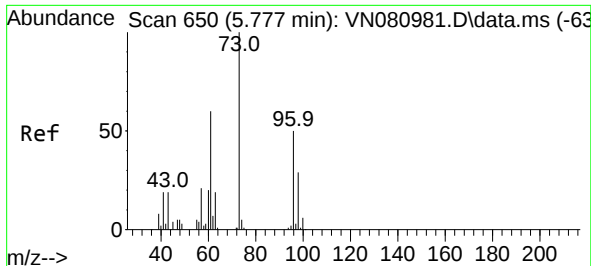
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024



#18
 Methylene Chloride
 Concen: 19.544 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: VN080984.D
 Acq: 09 Feb 2024 12:27

Tgt Ion: 84 Resp: 103115
 Ion Ratio Lower Upper
 84 100
 49 114.6 86.0 129.0
 51 35.5 30.0 45.0
 86 58.9 53.0 79.4





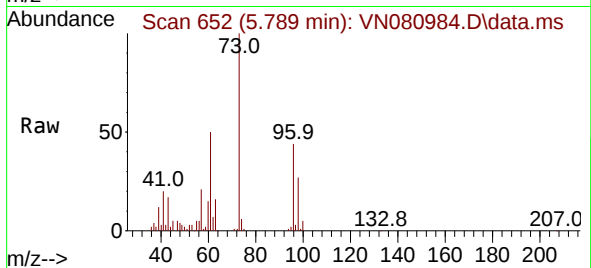
#19
trans-1,2-Dichloroethene
Concen: 19.846 ug/l
RT: 5.789 min Scan# 612
Delta R.T. 0.012 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN020924



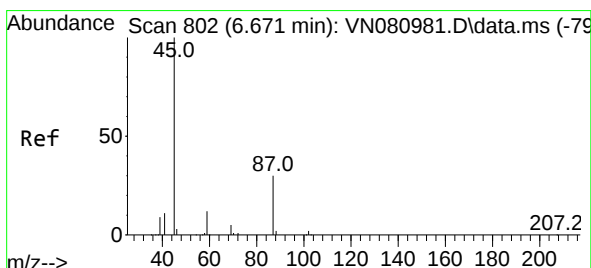
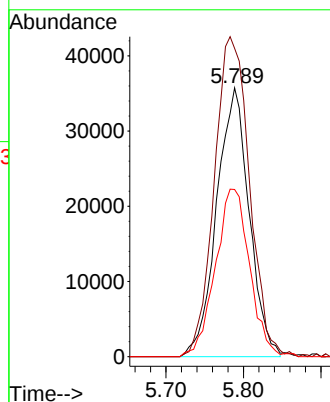
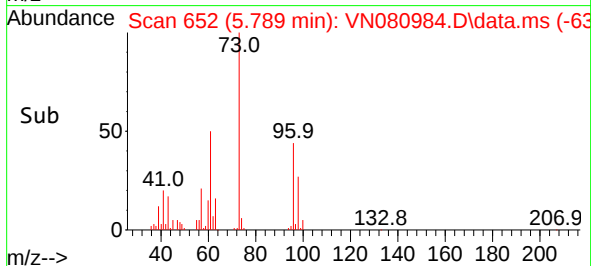
Tgt Ion: 96 Resp: 104012
Ion Ratio Lower Upper
96 100
61 114.7 111.8 167.6
98 62.2 49.2 73.8

Manual Integrations

APPROVED

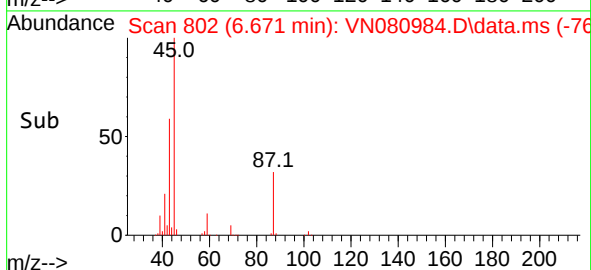
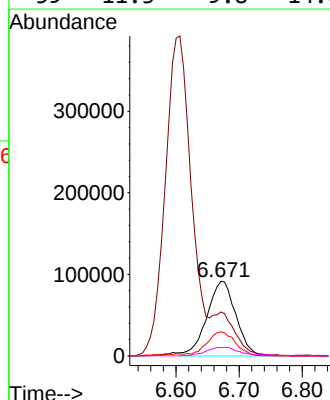
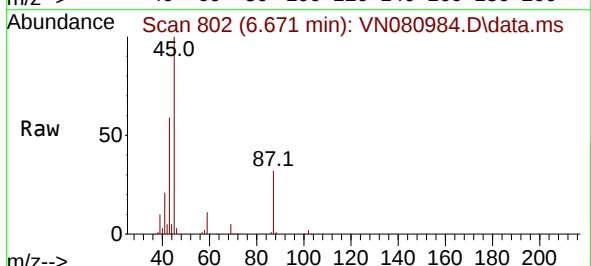
Reviewed By :John Carlone 02/12/2024

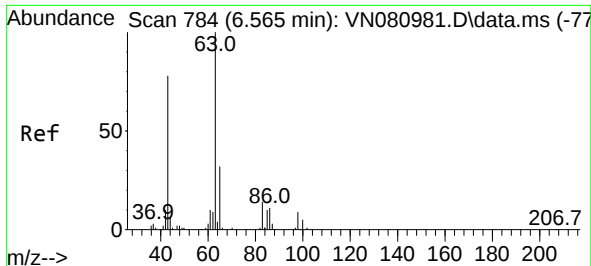
Supervised By :Mahesh Dadoda 02/12/2024



#20
Diisopropyl ether
Concen: 20.867 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

Tgt Ion: 45 Resp: 290808
Ion Ratio Lower Upper
45 100
43 58.3 40.4 60.6
87 32.2 23.8 35.8
59 11.3 9.8 14.6





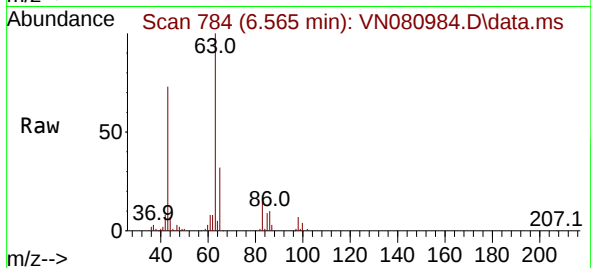
#21
1,1-Dichloroethane
Concen: 20.533 ug/l
RT: 6.565 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN020924



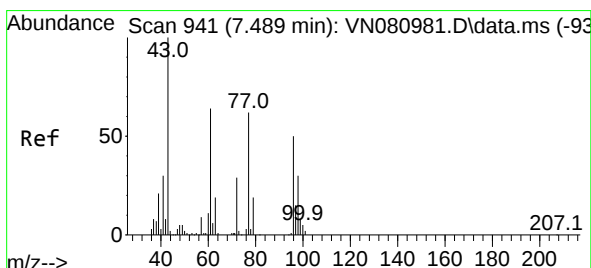
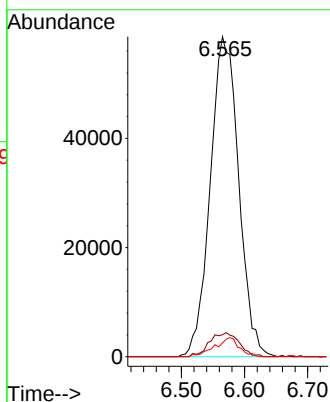
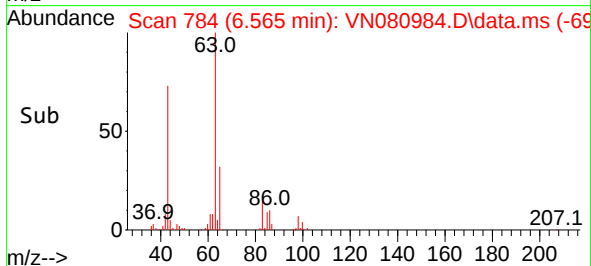
Tgt Ion: 63 Resp: 183378
Ion Ratio Lower Upper
63 100
98 6.9 4.1 12.3
100 4.3 3.0 9.0

Manual Integrations

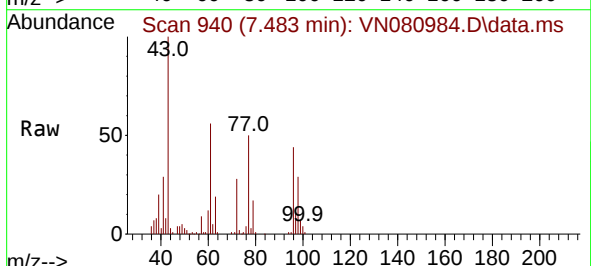
APPROVED

Reviewed By :John Carlone 02/12/2024

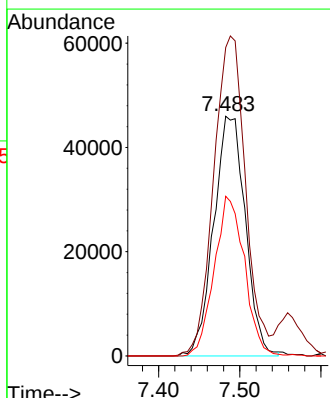
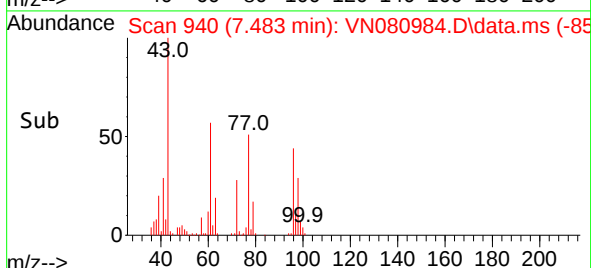
Supervised By :Mahesh Dadoda 02/12/2024

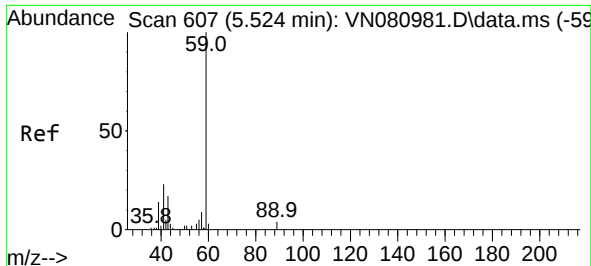


#22
cis-1,2-Dichloroethene
Concen: 20.467 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27



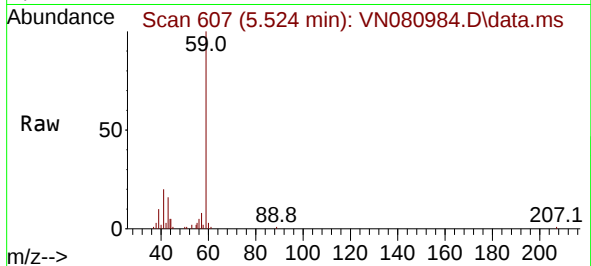
Tgt Ion: 96 Resp: 124641
Ion Ratio Lower Upper
96 100
61 133.7 113.5 170.3
98 63.5 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 108.853 ug/l m
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

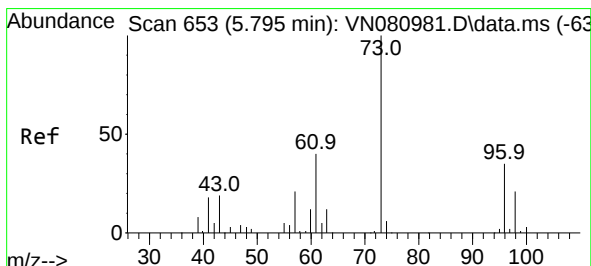
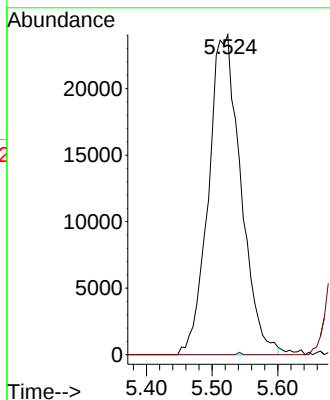
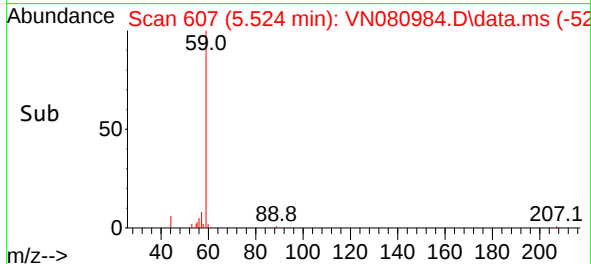
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924



Tgt Ion: 59 Resp: 82380
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

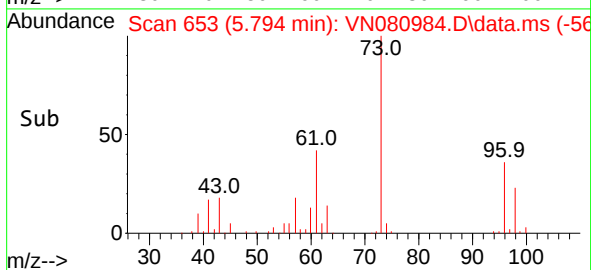
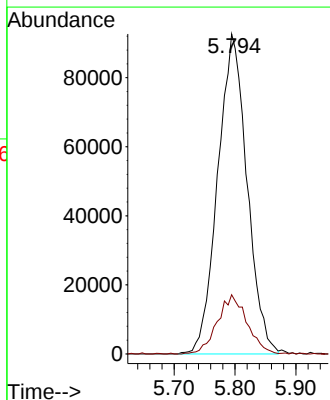
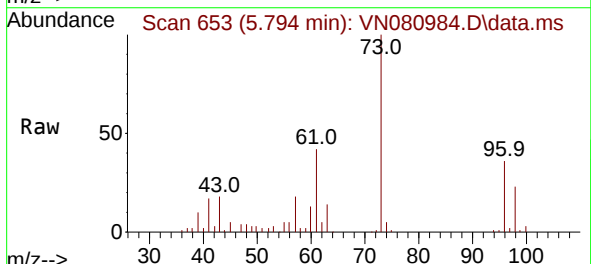
Manual Integrations
APPROVED

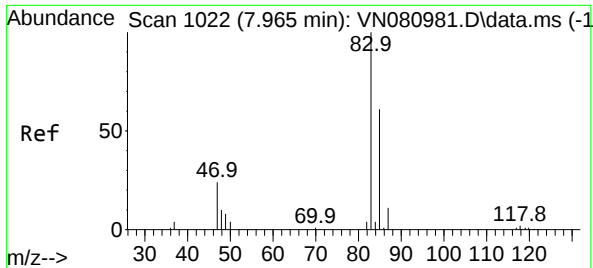
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#24
Methyl tert-Butyl Ether
Concen: 20.233 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

Tgt Ion: 73 Resp: 309671
Ion Ratio Lower Upper
73 100
43 18.6 13.4 20.2





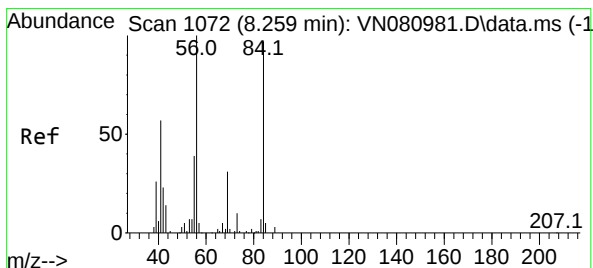
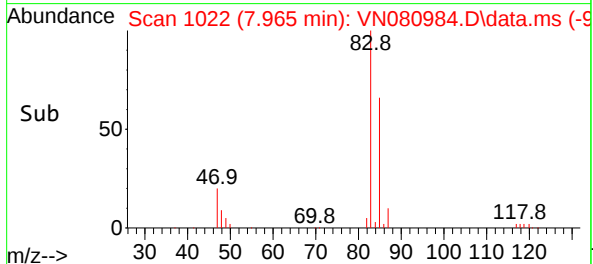
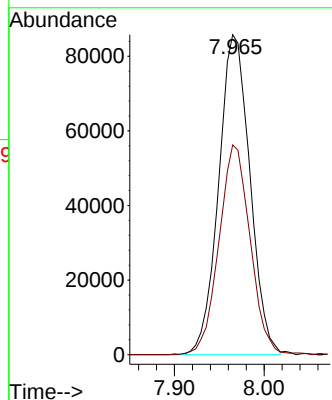
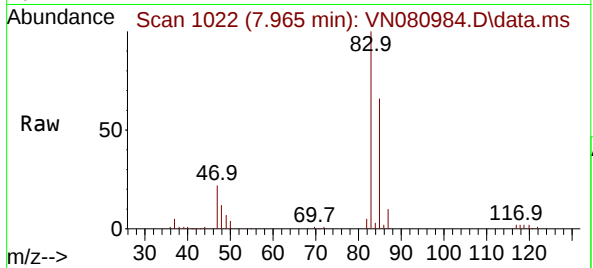
#25
Chloroform
Concen: 20.944 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924

Tgt Ion: 83 Resp: 207514
Ion Ratio Lower Upper
83 100
85 65.3 50.9 76.3

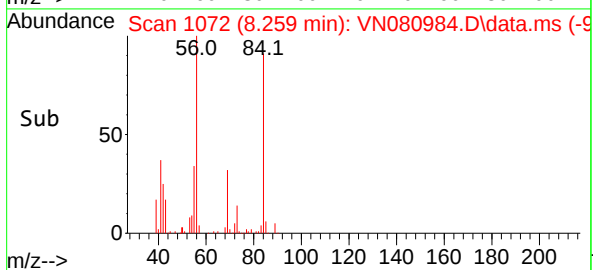
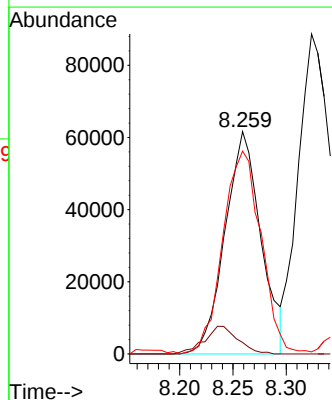
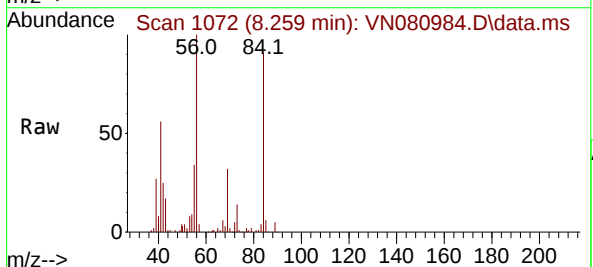
Manual Integrations
APPROVED

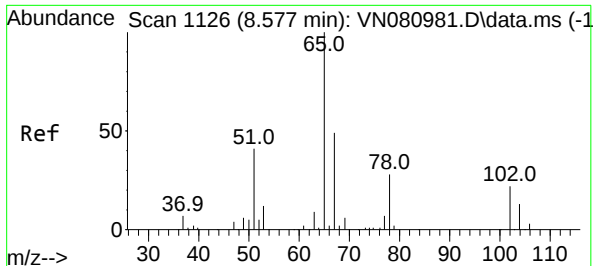
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#26
Cyclohexane
Concen: 21.443 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

Tgt Ion: 56 Resp: 144205
Ion Ratio Lower Upper
56 100
89 11.7 19.3 28.9#
84 97.7 71.3 106.9





#27

1,2-Dichloroethane-d4

Concen: 30.716 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080984.D

Acq: 09 Feb 2024 12:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN020924

Tgt Ion: 65 Resp: 18672

Ion Ratio Lower Upper

65 100

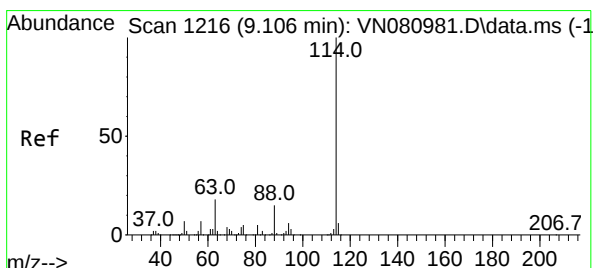
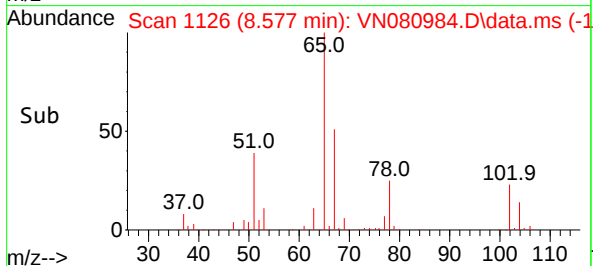
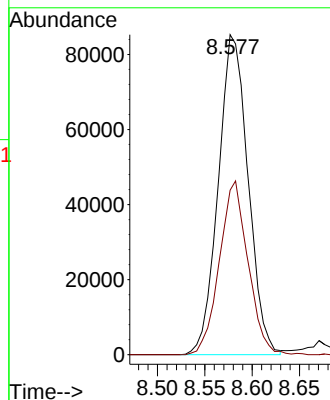
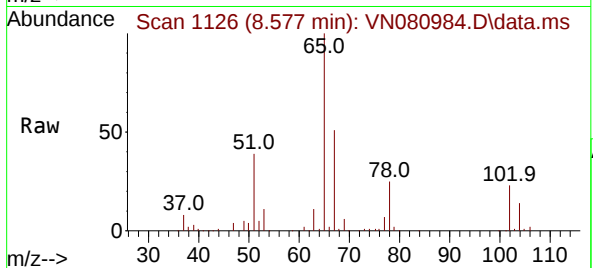
67 52.0 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080984.D

Acq: 09 Feb 2024 12:27

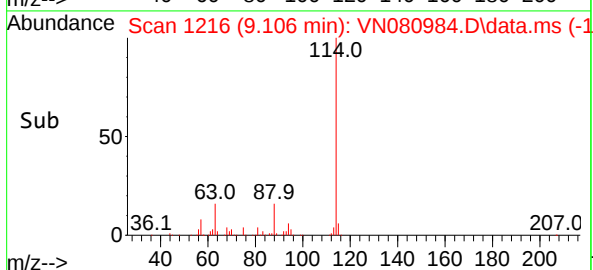
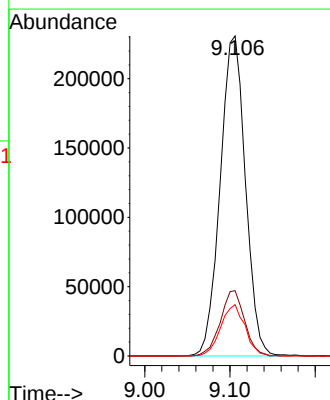
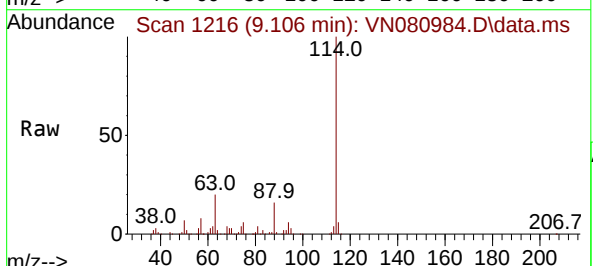
Tgt Ion:114 Resp: 474297

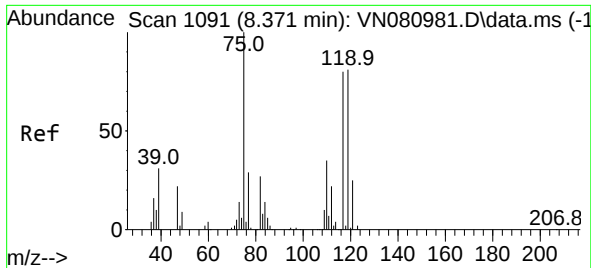
Ion Ratio Lower Upper

114 100

63 19.6 15.9 23.9

88 15.5 12.7 19.1





#29
1,1-Dichloropropene
Concen: 20.670 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN020924

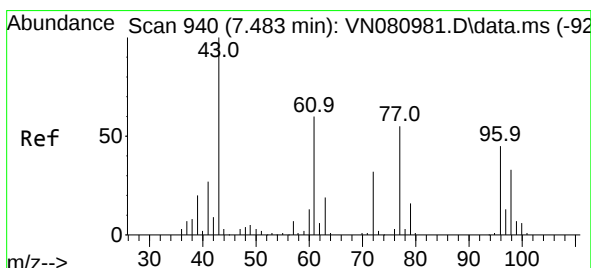
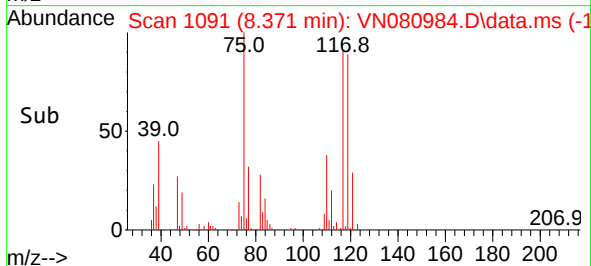
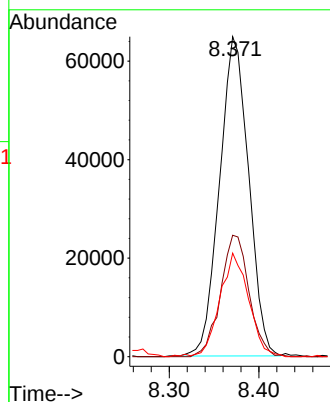
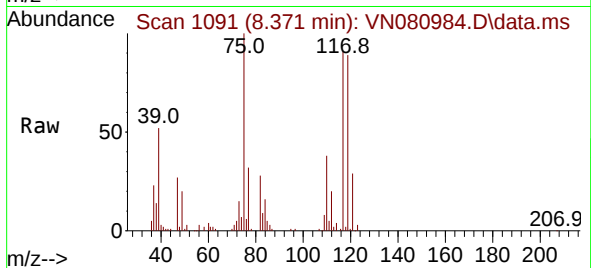
Tgt Ion: 75 Resp: 146032
Ion Ratio Lower Upper
75 100
110 37.3 0.0 70.2
77 31.9 0.0 61.4

Manual Integrations

APPROVED

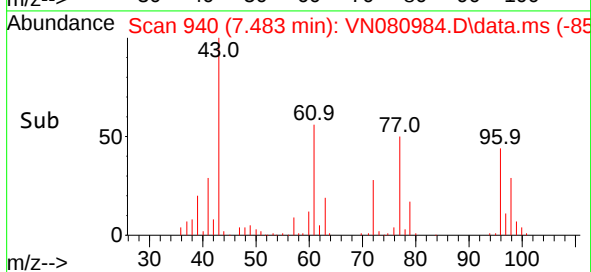
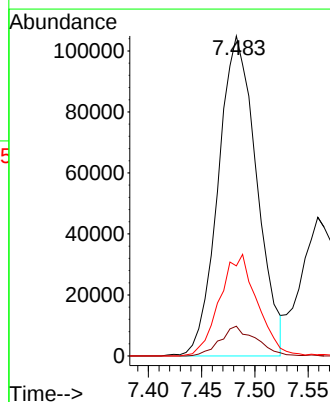
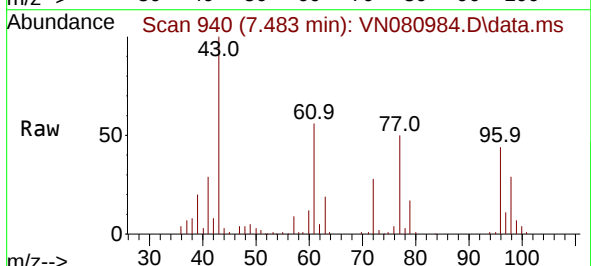
Reviewed By :John Carlone 02/12/2024

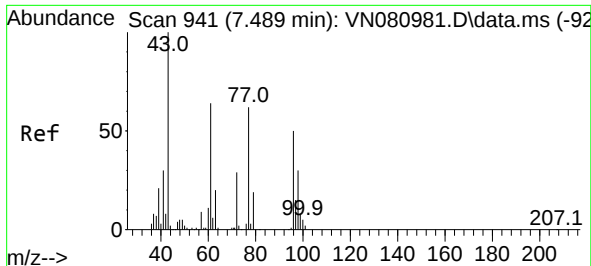
Supervised By :Mahesh Dadoda 02/12/2024



#30
2-Butanone
Concen: 101.785 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

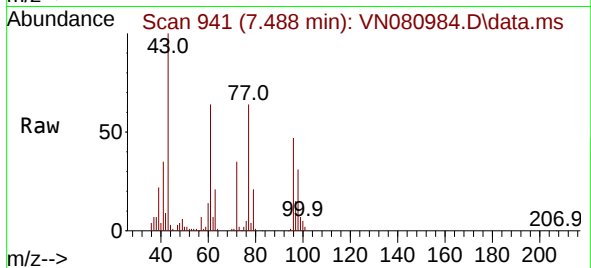
Tgt Ion: 43 Resp: 263838
Ion Ratio Lower Upper
43 100
57 8.6 6.7 10.1
72 31.0 24.0 36.0





#31
2,2-Dichloropropane
Concen: 21.568 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

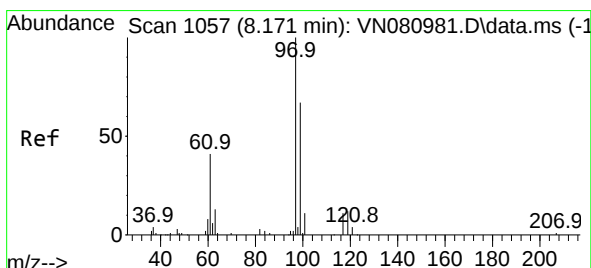
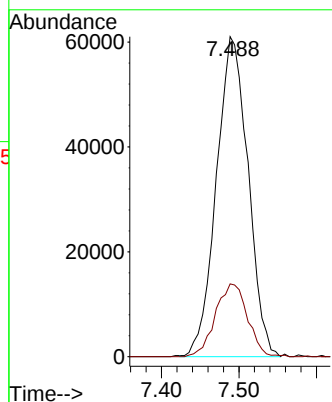
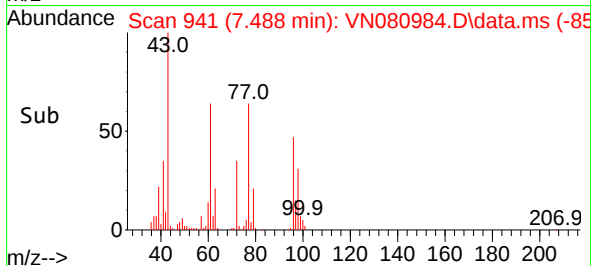
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924



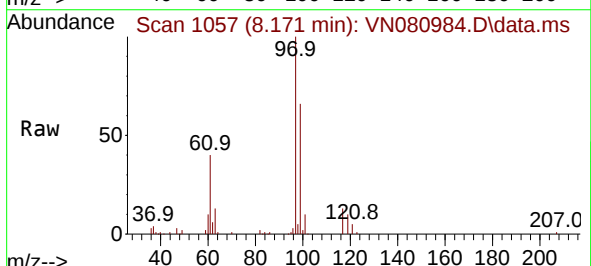
Tgt Ion: 77 Resp: 17349
Ion Ratio Lower Upper
77 100
97 23.0 18.3 27.5

Manual Integrations
APPROVED

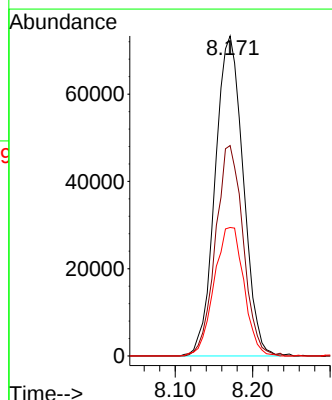
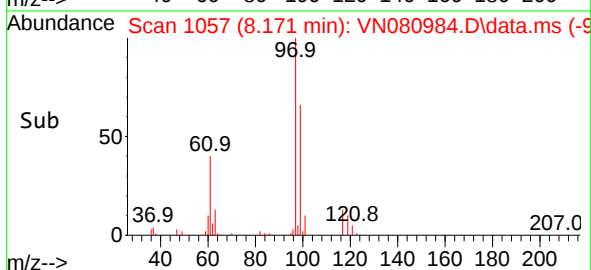
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

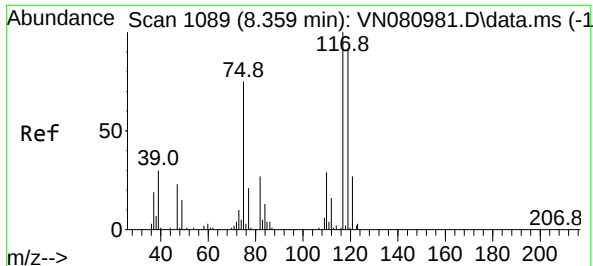


#32
1,1,1-Trichloroethane
Concen: 20.789 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27



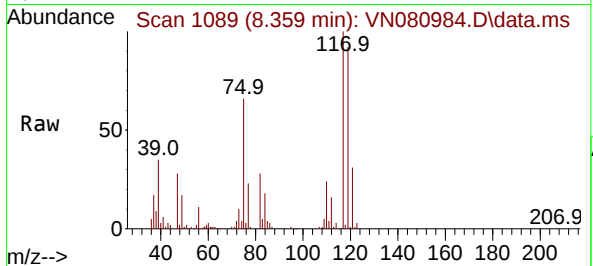
Tgt Ion: 97 Resp: 184763
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.4
61 42.6 33.8 50.8





#33
Carbon Tetrachloride
Concen: 20.823 ug/l
RT: 8.359 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

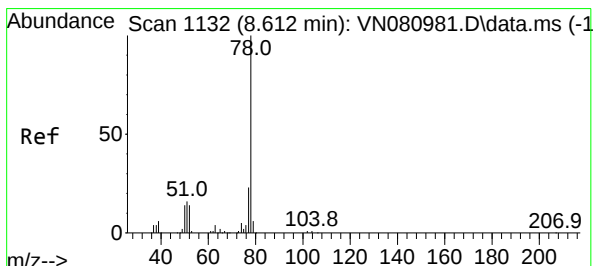
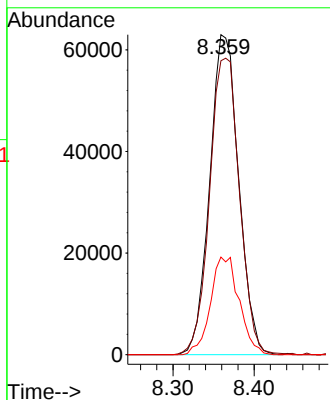
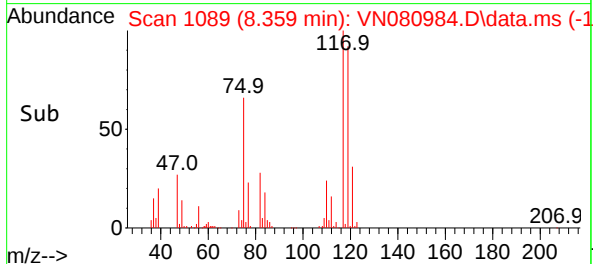
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924



Tgt Ion: 117 Resp: 155927
Ion Ratio Lower Upper
117 100
119 91.6 77.7 116.5
121 30.5 27.0 40.6

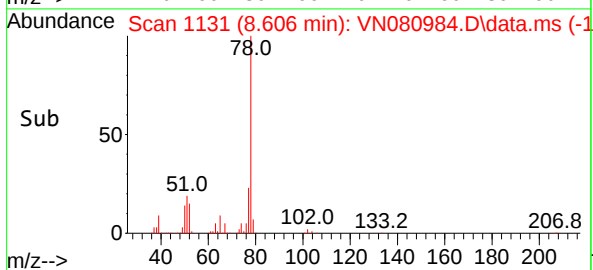
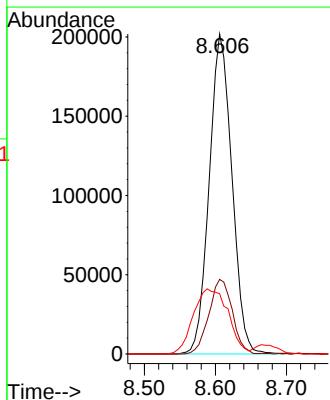
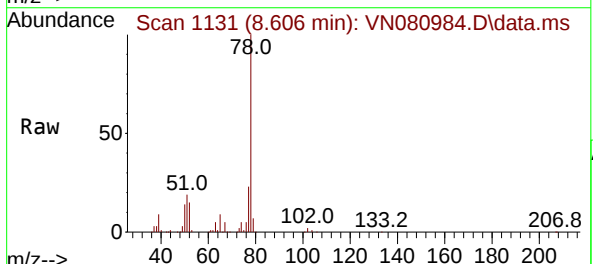
Manual Integrations
APPROVED

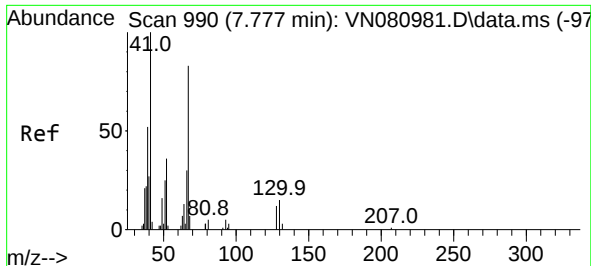
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#34
Benzene
Concen: 20.756 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

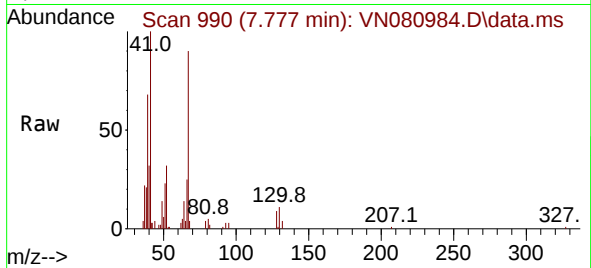
Tgt Ion: 78 Resp: 448118
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8
51 17.4 13.3 19.9





#35
Methacrylonitrile
Concen: 20.742 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

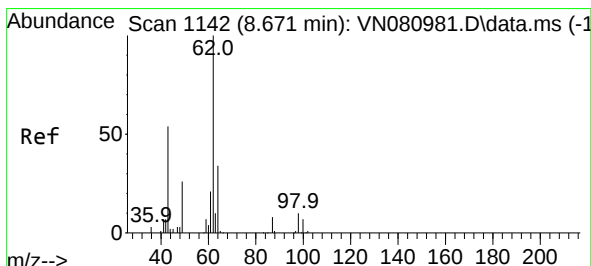
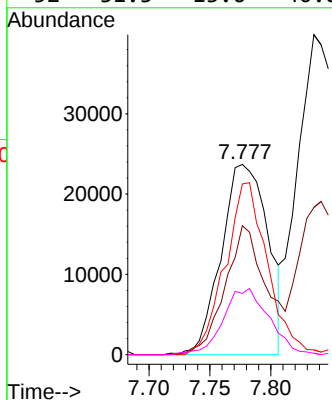
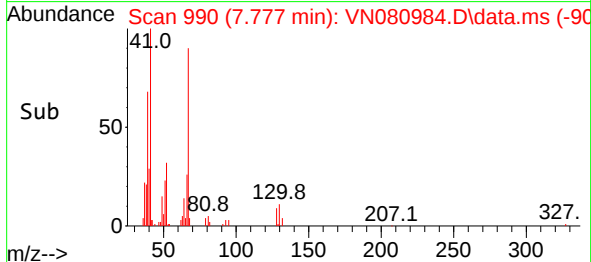
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924



Tgt Ion: 41 Resp: 63194
Ion Ratio Lower Upper
41 100
39 67.1 25.3 75.9
67 89.7 38.7 116.1
52 31.3 13.6 40.8

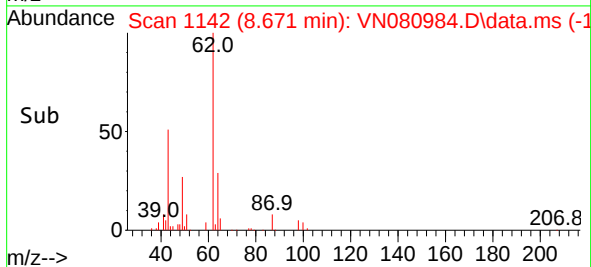
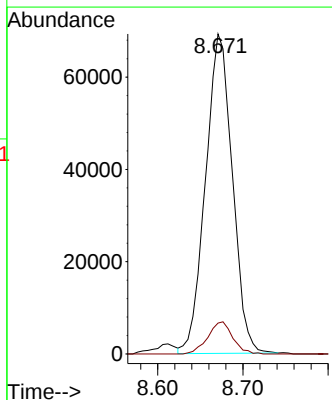
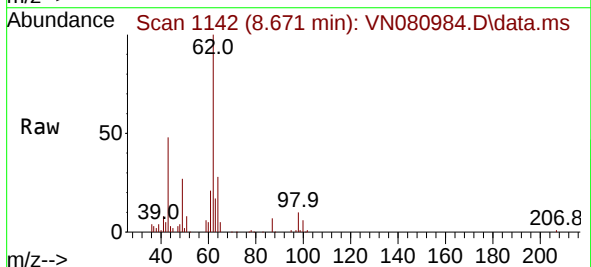
Manual Integrations
APPROVED

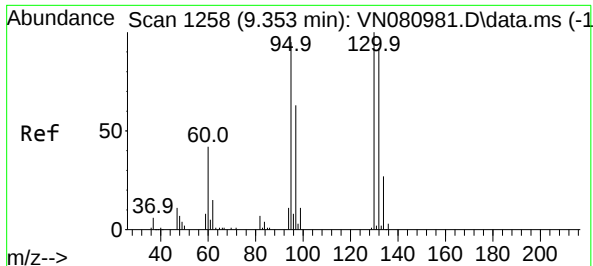
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#36
1,2-Dichloroethane
Concen: 20.933 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

Tgt Ion: 62 Resp: 151674
Ion Ratio Lower Upper
62 100
98 9.3 8.2 12.4





#37

Trichloroethene

Concen: 21.097 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN080984.D

Acq: 09 Feb 2024 12:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN020924

Tgt Ion:130 Resp: 121099

Ion Ratio Lower Upper

130 100

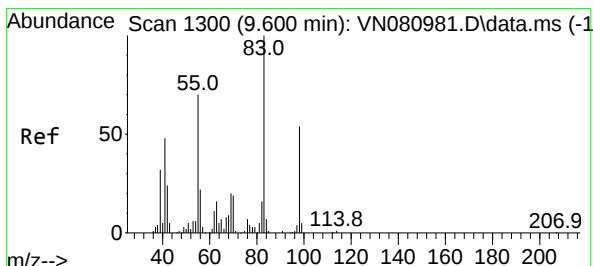
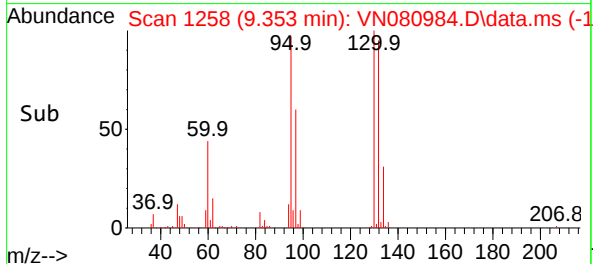
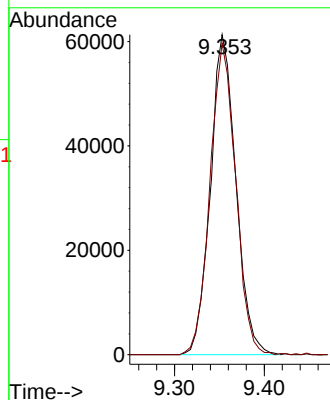
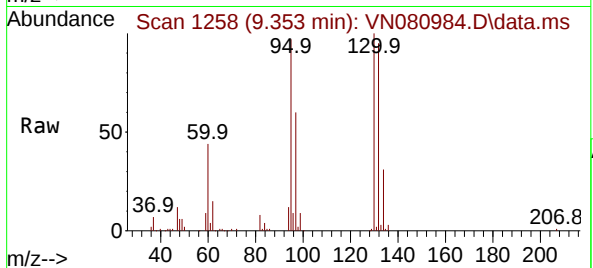
95 97.3 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#38

Methylcyclohexane

Concen: 20.854 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN080984.D

Acq: 09 Feb 2024 12:27

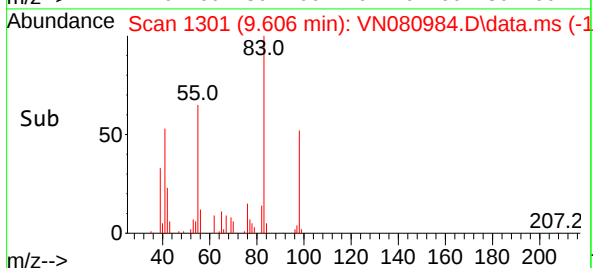
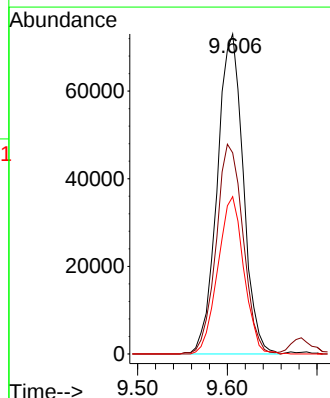
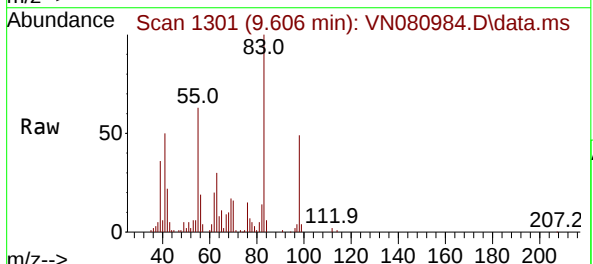
Tgt Ion: 83 Resp: 147036

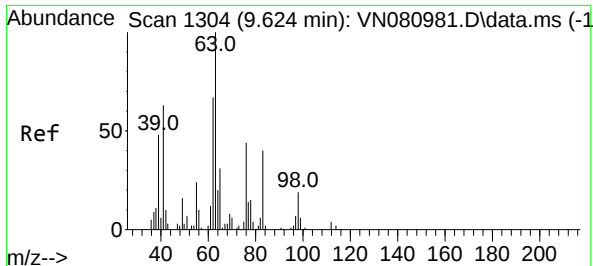
Ion Ratio Lower Upper

83 100

55 67.9 36.6 109.9

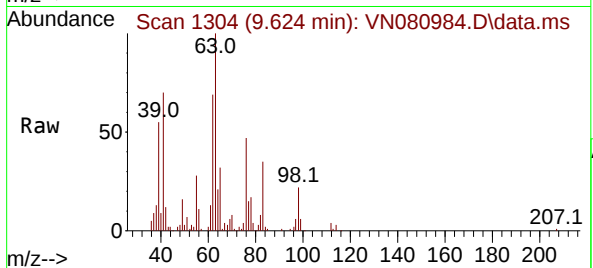
98 49.0 23.8 71.5





#39
1,2-Dichloropropane
Concen: 20.606 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

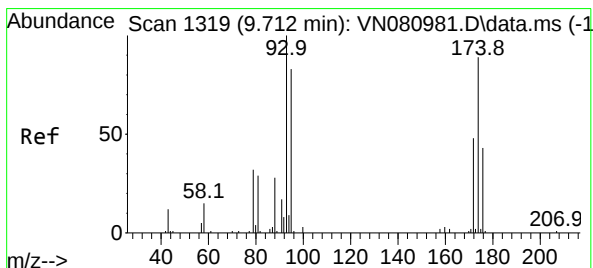
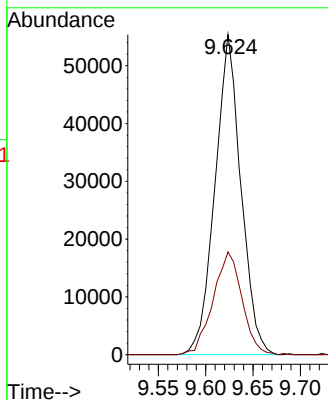
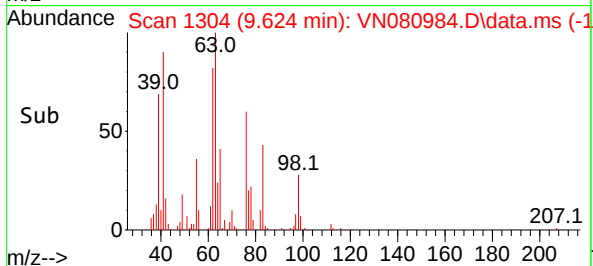
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924



Tgt Ion: 63 Resp: 105524
Ion Ratio Lower Upper
63 100
65 32.1 25.0 37.4

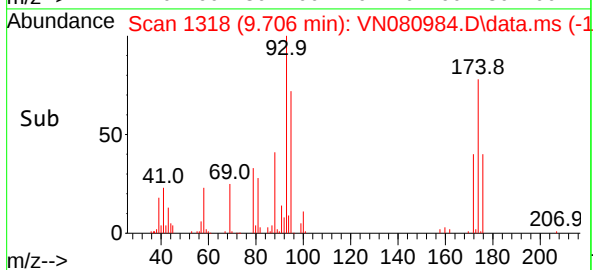
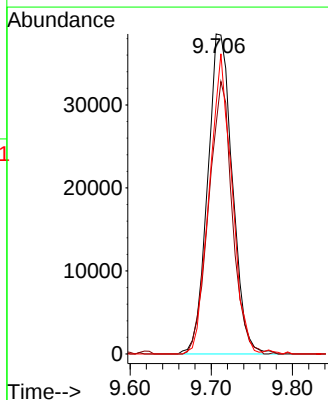
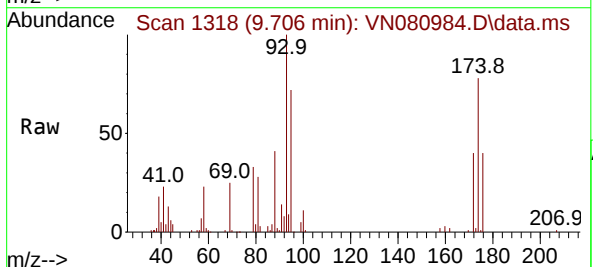
Manual Integrations
APPROVED

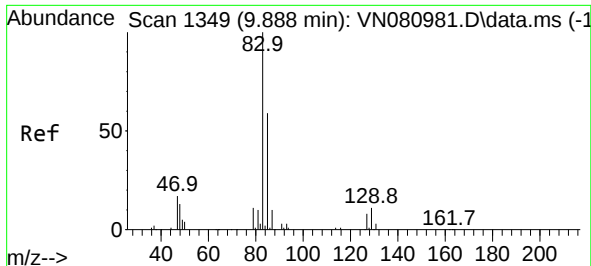
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#40
Dibromomethane
Concen: 21.008 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

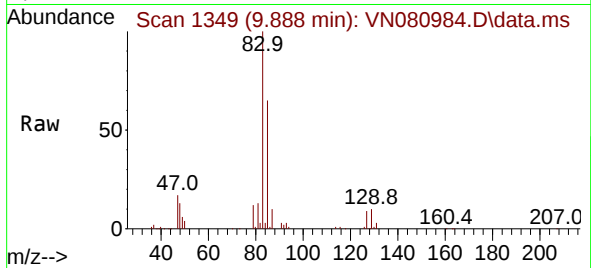
Tgt Ion: 93 Resp: 81849
Ion Ratio Lower Upper
93 100
95 80.8 0.0 164.6
174 85.4 0.0 193.2





#41
Bromodichloromethane
Concen: 20.293 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

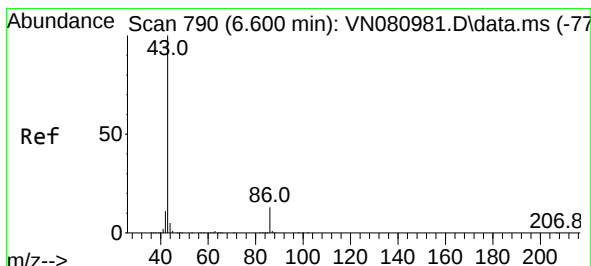
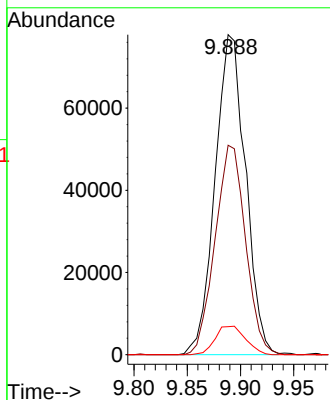
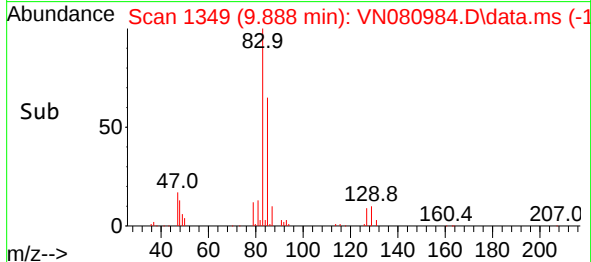
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924



Tgt Ion: 83 Resp: 15473
Ion Ratio Lower Upper
83 100
85 65.5 49.4 74.2
127 8.7 7.3 10.9

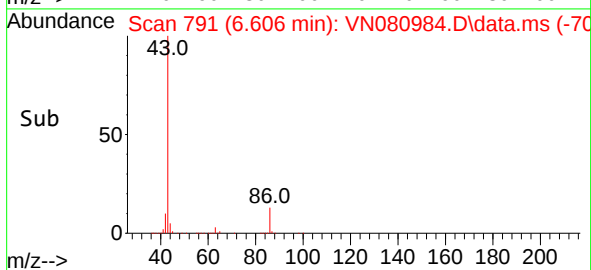
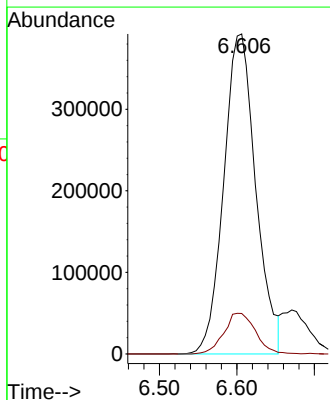
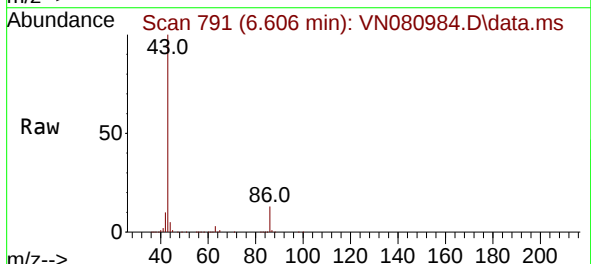
Manual Integrations
APPROVED

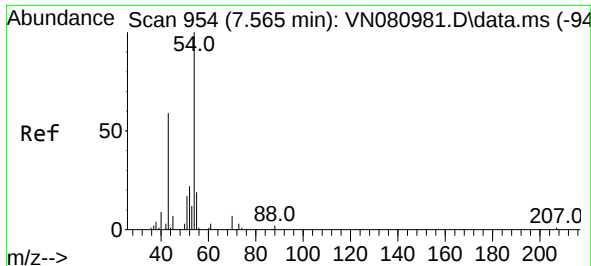
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#42
Vinyl Acetate
Concen: 101.941 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

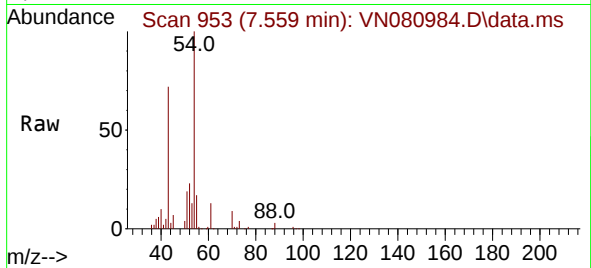
Tgt Ion: 43 Resp: 1130282
Ion Ratio Lower Upper
43 100
86 12.6 9.4 14.2





#43
Ethyl Acetate
Concen: 20.557 ug/l
RT: 7.559 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

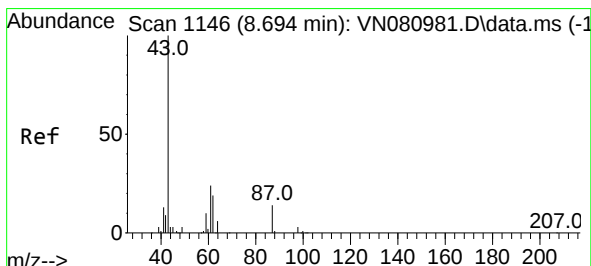
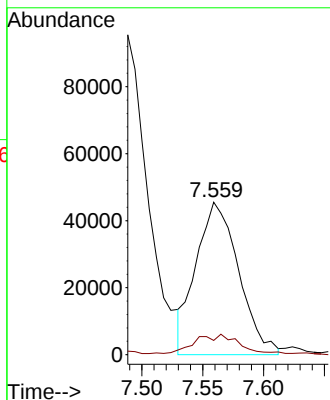
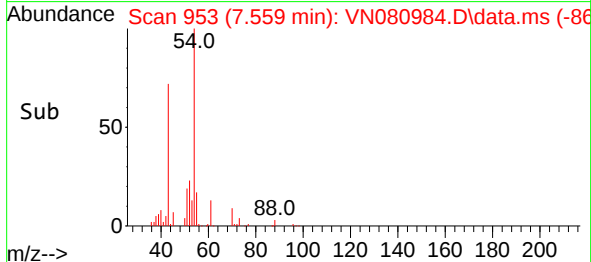
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924



Tgt Ion: 43 Resp: 110985
Ion Ratio Lower Upper
43 100
45 7.0 10.6 15.8

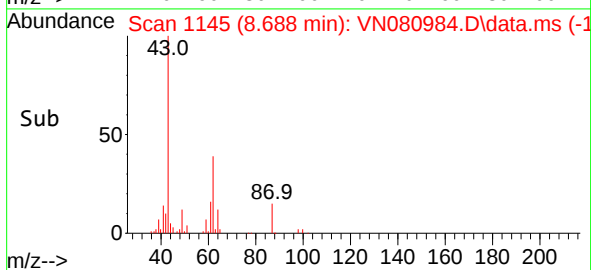
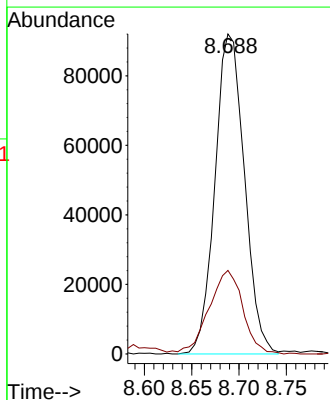
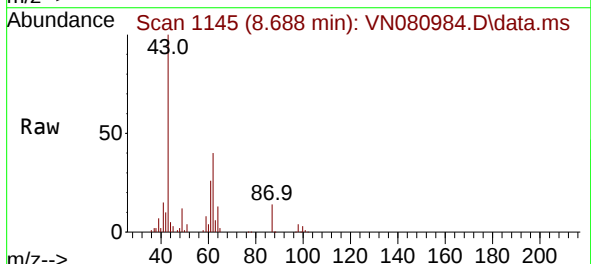
Manual Integrations
APPROVED

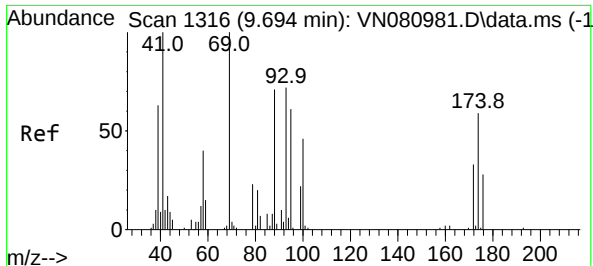
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#44
Isopropyl Acetate
Concen: 20.537 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

Tgt Ion: 43 Resp: 199229
Ion Ratio Lower Upper
43 100
61 29.9 25.0 37.4





#45

1,4-Dioxane

Concen: 435.018 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN080984.D

Acq: 09 Feb 2024 12:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN020924

Tgt Ion: 88 Resp: 4002

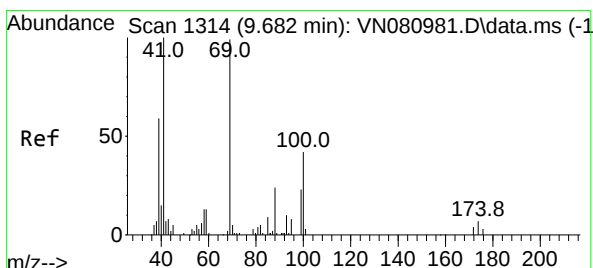
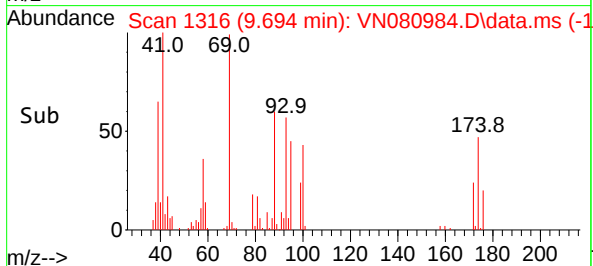
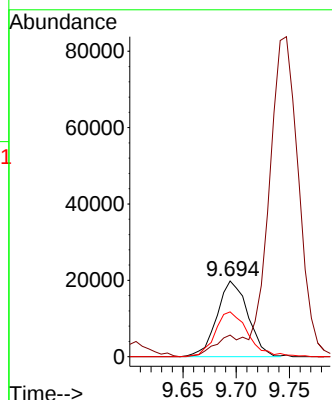
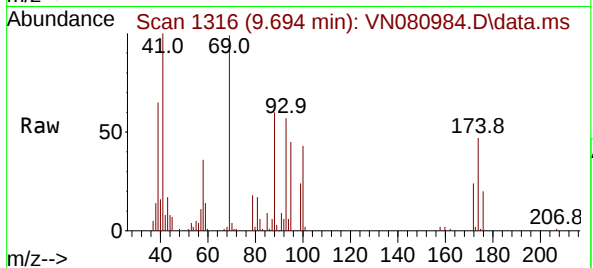
Ion	Ratio	Lower	Upper
88	100		
43	29.1	19.8	29.6
58	61.2	55.4	83.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#46

Methyl methacrylate

Concen: 19.986 ug/l

RT: 9.682 min Scan# 1314

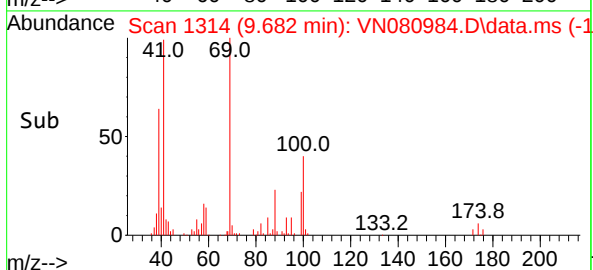
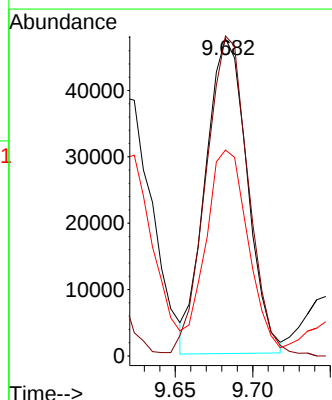
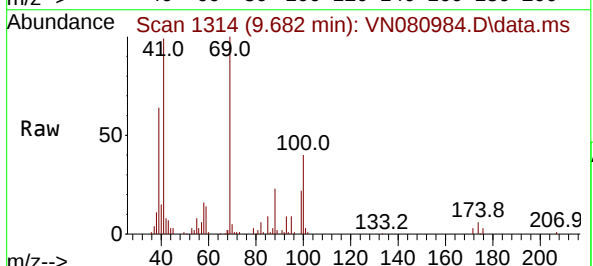
Delta R.T. -0.000 min

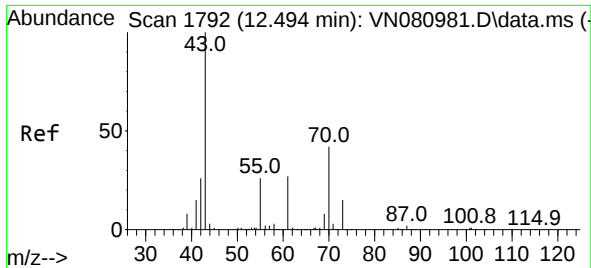
Lab File: VN080984.D

Acq: 09 Feb 2024 12:27

Tgt Ion: 41 Resp: 88712

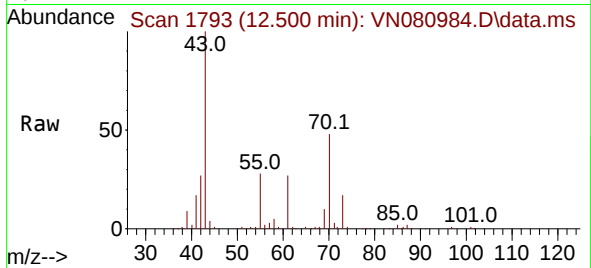
Ion	Ratio	Lower	Upper
41	100		
69	101.9	51.1	153.3
39	65.2	25.8	77.3





#47
n-amy1 Acetate
Concen: 19.672 ug/l
RT: 12.500 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

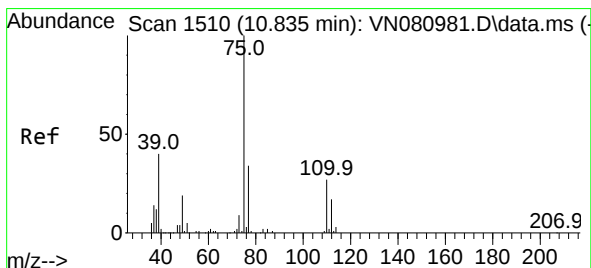
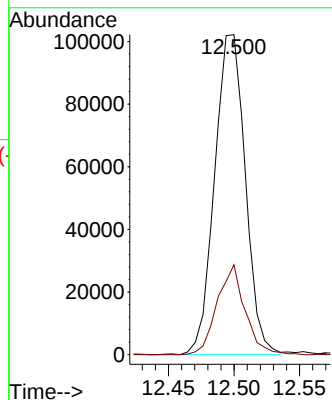
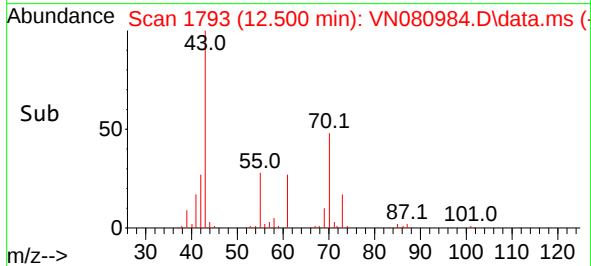
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924



Tgt Ion: 43 Resp: 166429
Ion Ratio Lower Upper
43 100
55 25.5 23.4 35.2

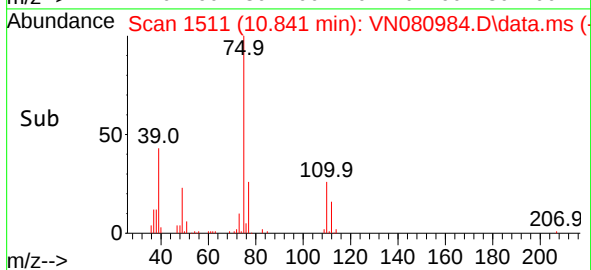
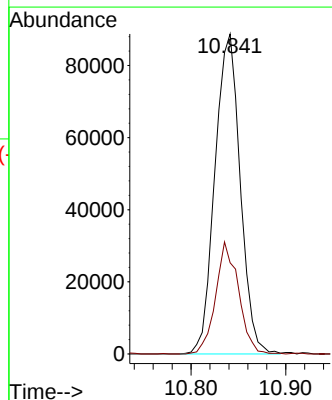
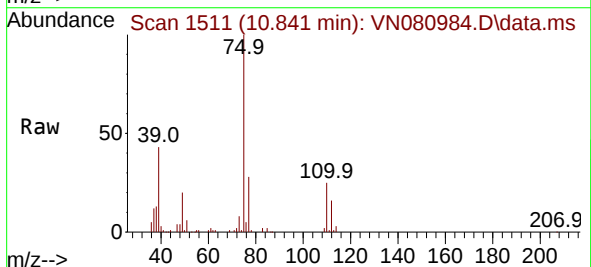
Manual Integrations
APPROVED

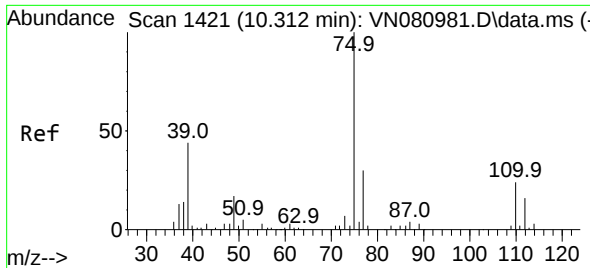
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#48
t-1,3-Dichloropropene
Concen: 20.610 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

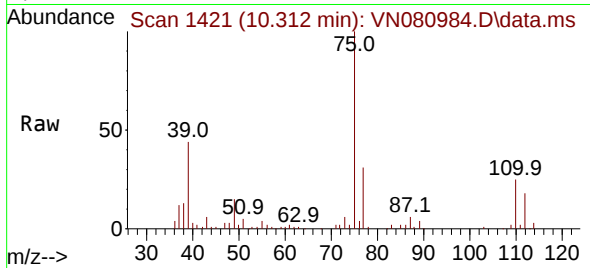
Tgt Ion: 75 Resp: 164701
Ion Ratio Lower Upper
75 100
77 28.5 23.8 35.6





#49
cis-1,3-Dichloropropene
Concen: 20.169 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

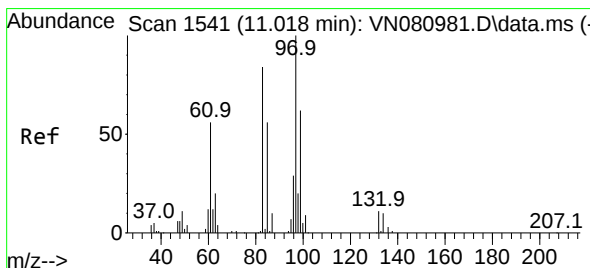
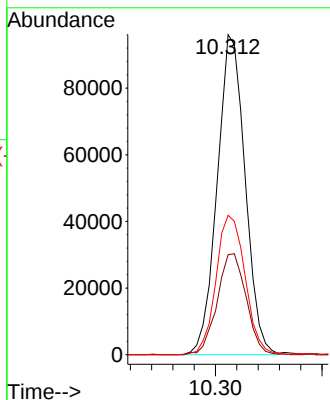
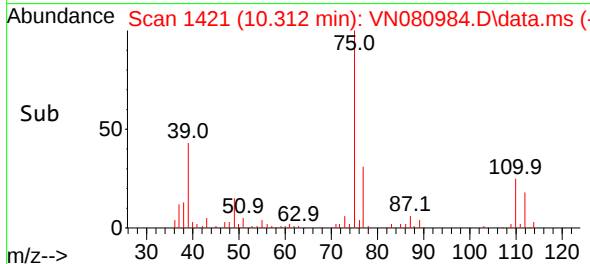
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924



Tgt Ion: 75 Resp: 174650
Ion Ratio Lower Upper
75 100
77 31.3 24.9 37.3
39 43.6 31.0 46.6

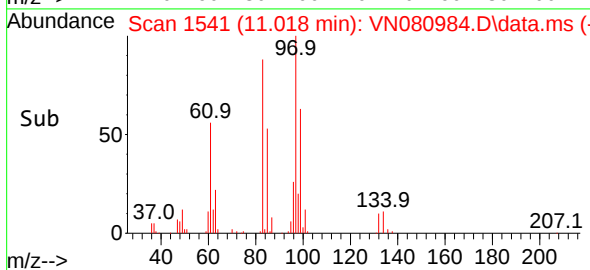
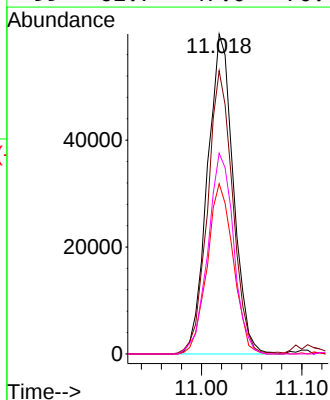
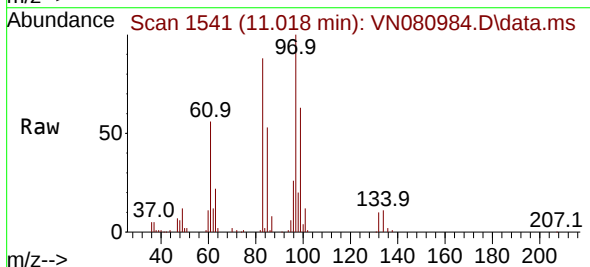
Manual Integrations
APPROVED

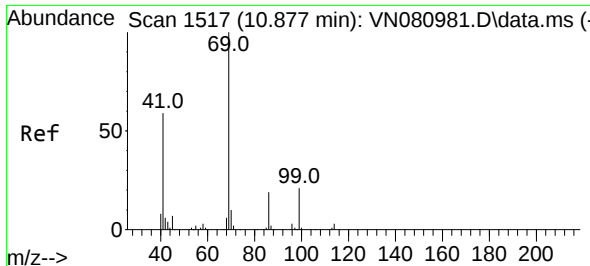
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#50
1,1,2-Trichloroethane
Concen: 19.909 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

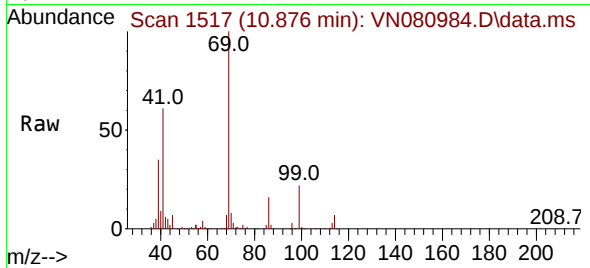
Tgt Ion: 97 Resp: 107325
Ion Ratio Lower Upper
97 100
83 88.1 68.1 102.1
85 53.2 41.8 62.6
99 62.7 47.0 70.4





#51
Ethyl methacrylate
Concen: 19.537 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

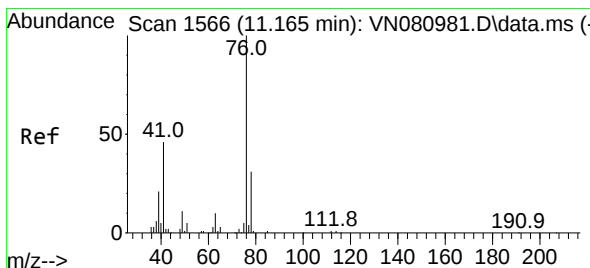
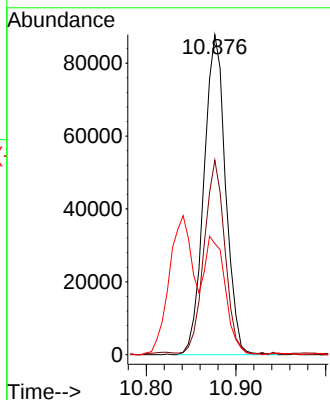
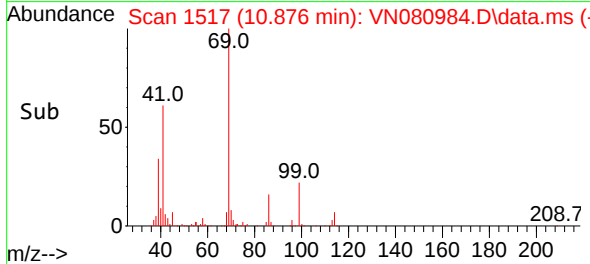
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924



Tgt Ion: 69 Resp: 147197
Ion Ratio Lower Upper
69 100
41 60.3 25.5 76.5
39 34.1 16.0 47.9

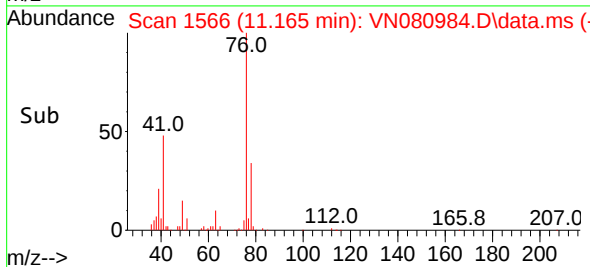
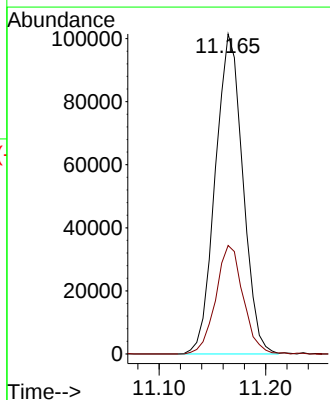
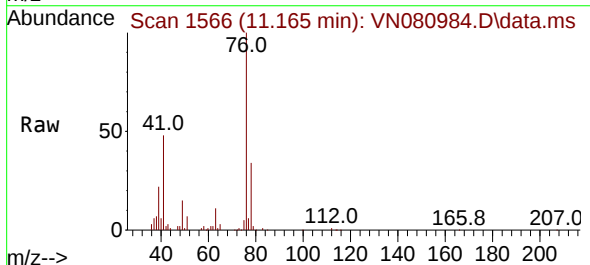
Manual Integrations
APPROVED

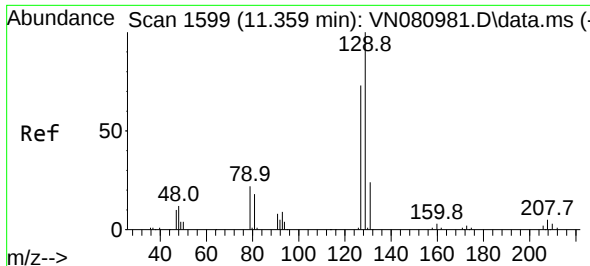
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#52
1,3-Dichloropropane
Concen: 20.449 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

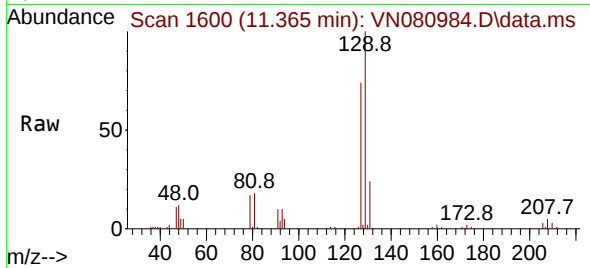
Tgt Ion: 76 Resp: 182042
Ion Ratio Lower Upper
76 100
78 33.6 0.0 65.8





#53
Dibromochloromethane
Concen: 19.199 ug/l
RT: 11.365 min Scan# 11280
Delta R.T. 0.006 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

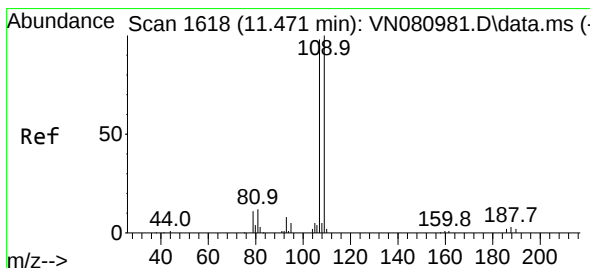
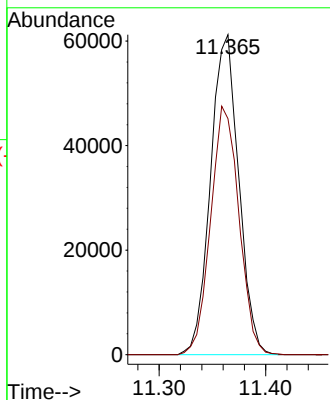
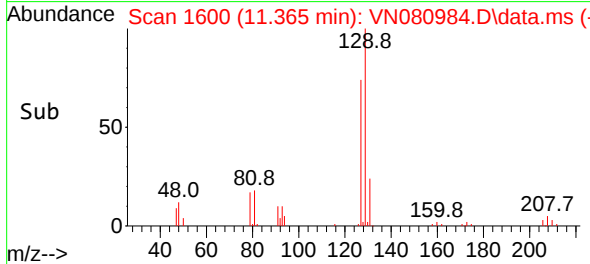
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924



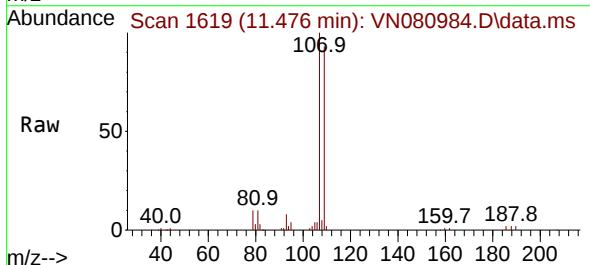
Tgt Ion:129 Resp: 11280
Ion Ratio Lower Upper
129 100
127 77.9 39.4 118.1

Manual Integrations
APPROVED

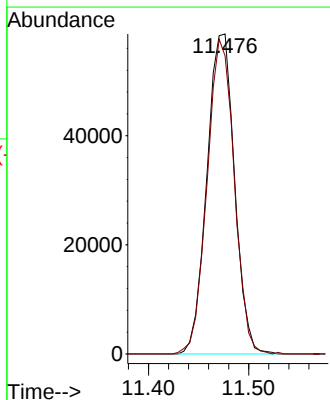
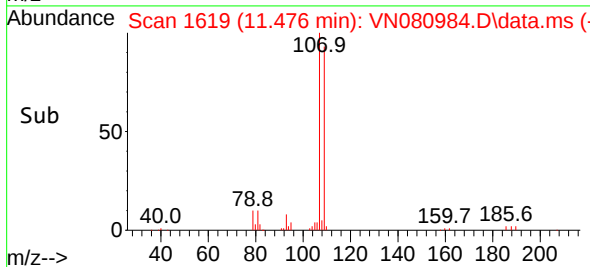
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

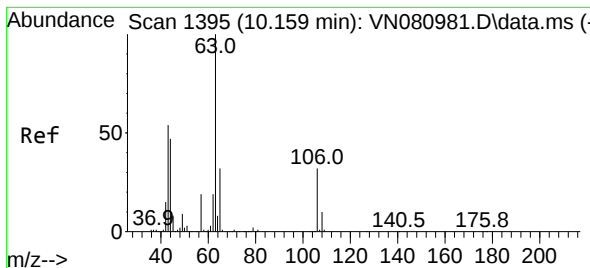


#54
1,2-Dibromoethane
Concen: 20.139 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27



Tgt Ion:107 Resp: 112320
Ion Ratio Lower Upper
107 100
109 96.3 74.7 112.1





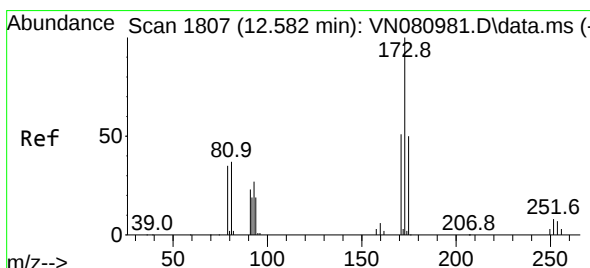
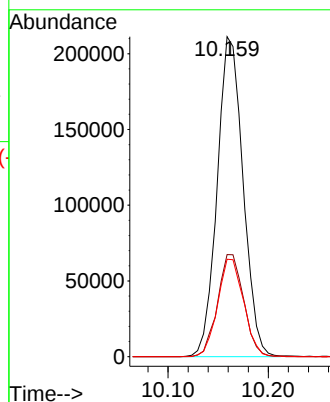
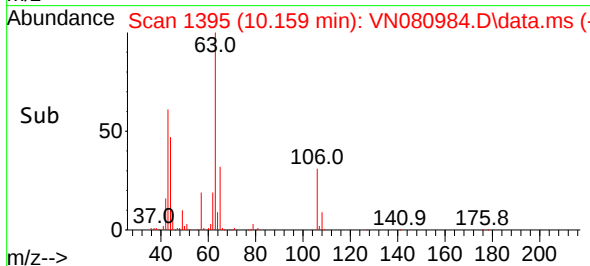
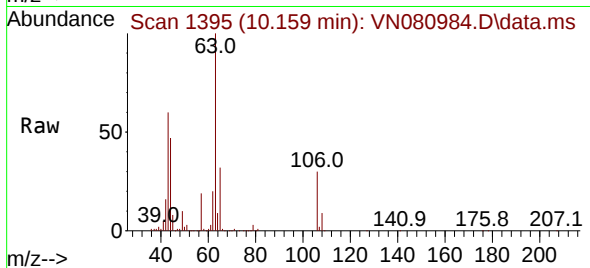
#55
2-Chloroethyl vinyl ether
Concen: 97.922 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924

Tgt Ion: 63 Resp: 37808
Ion Ratio Lower Upper
63 100
65 32.1 26.2 39.2
106 30.6 23.8 35.8

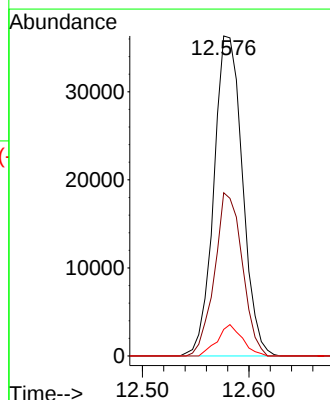
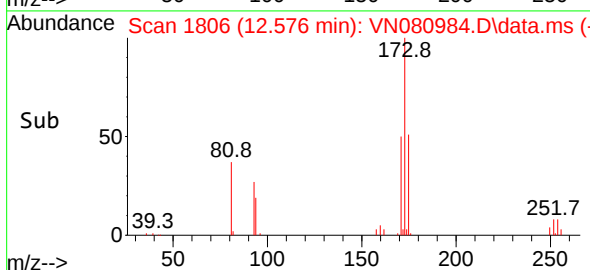
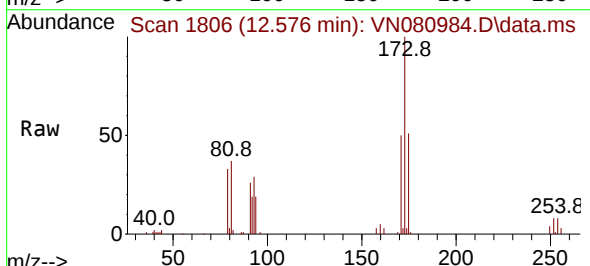
Manual Integrations
APPROVED

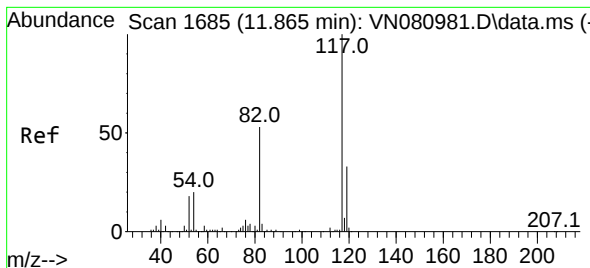
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#56
Bromoform
Concen: 18.099 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

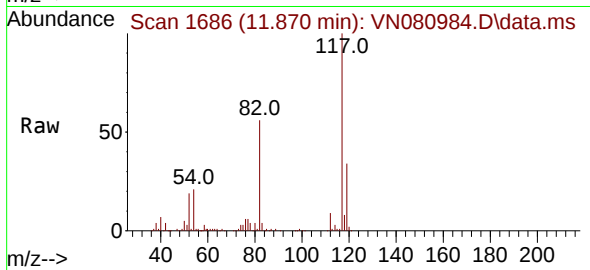
Tgt Ion:173 Resp: 67730
Ion Ratio Lower Upper
173 100
175 49.4 40.0 60.0
254 8.5 8.3 12.5





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

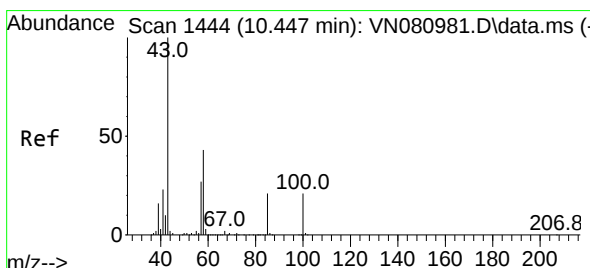
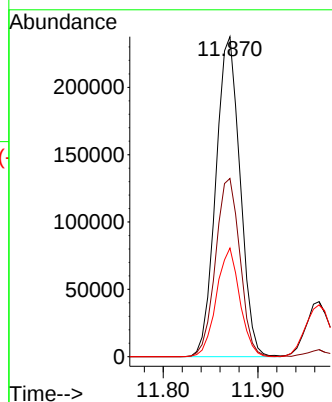
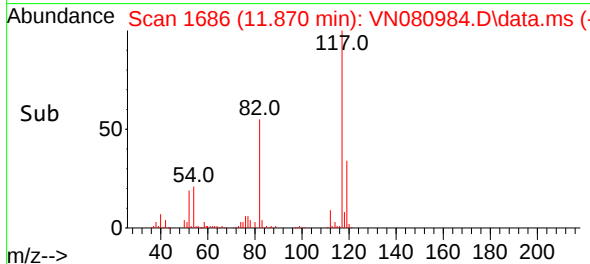
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924



Tgt Ion:117 Resp: 42302
Ion Ratio Lower Upper
117 100
82 56.1 46.6 69.8
119 32.8 25.4 38.2

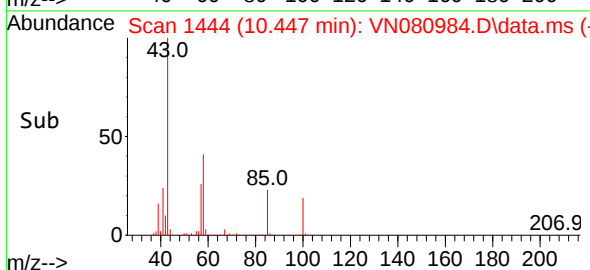
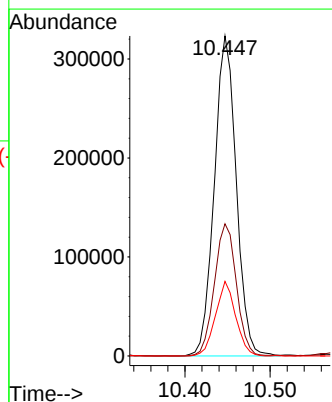
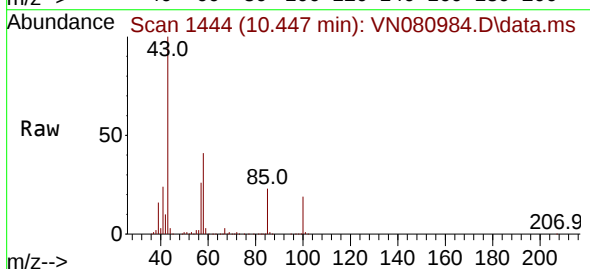
Manual Integrations
APPROVED

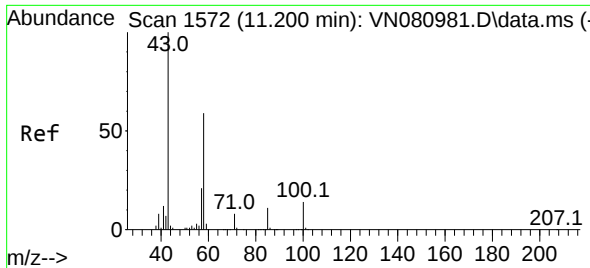
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#58
4-Methyl-2-Pentanone
Concen: 105.309 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

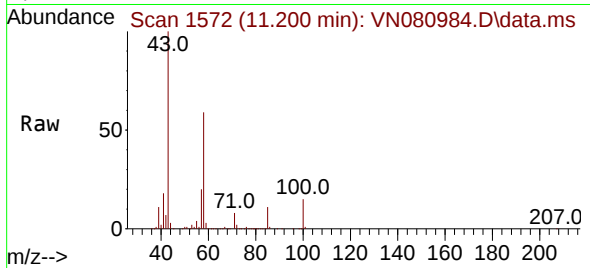
Tgt Ion: 43 Resp: 578355
Ion Ratio Lower Upper
43 100
58 41.3 36.5 54.7
85 21.5 19.5 29.3





#59
2-Hexanone
Concen: 107.938 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

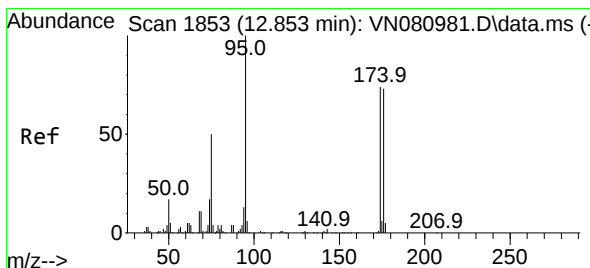
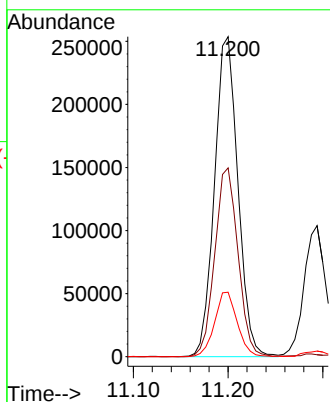
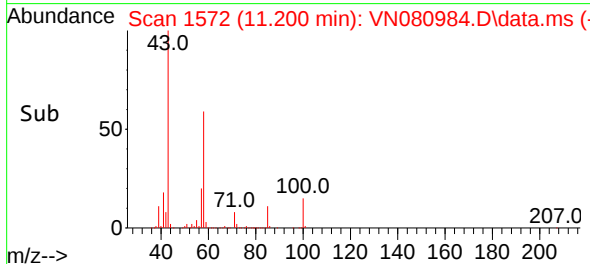
Instrument : MSVOA_N
ClientSampleId : ICVVN020924



Tgt Ion: 43 Resp: 435998
Ion Ratio Lower Upper
43 100
58 58.4 50.4 75.6
57 19.6 18.6 27.8

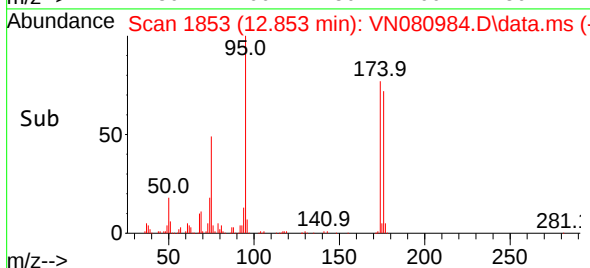
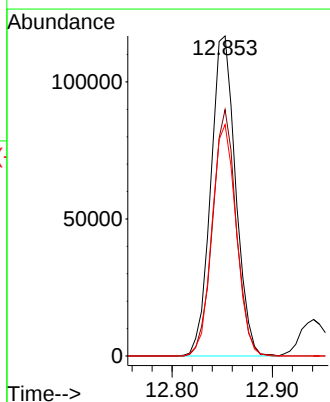
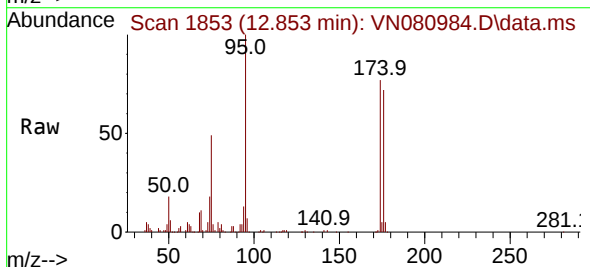
Manual Integrations
APPROVED

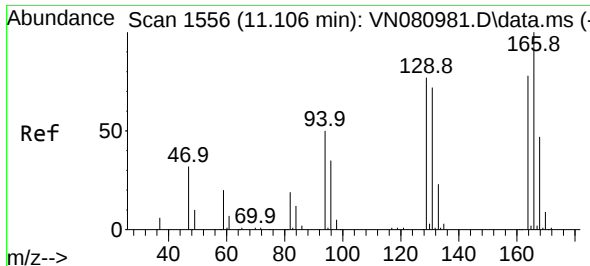
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#60
4-Bromofluorobenzene
Concen: 31.070 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

Tgt Ion: 95 Resp: 200933
Ion Ratio Lower Upper
95 100
174 72.9 60.5 90.7
176 70.8 57.8 86.6





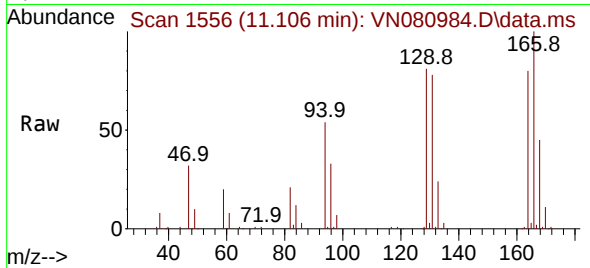
#61
Tetrachloroethene
Concen: 21.175 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN020924



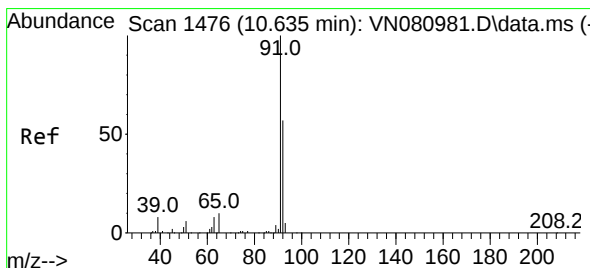
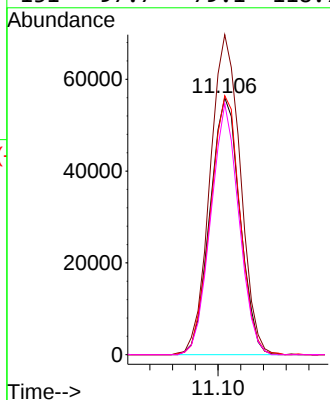
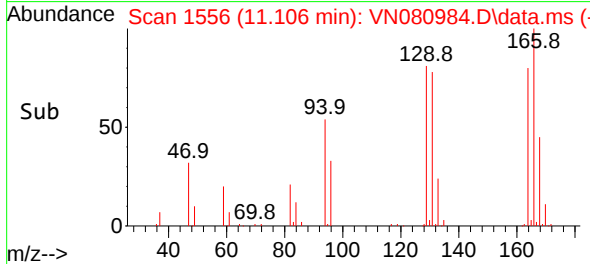
Tgt Ion:164 Resp: 10232
Ion Ratio Lower Upper
164 100
166 124.1 106.7 160.1
129 100.4 85.8 128.6
131 97.7 79.1 118.7

Manual Integrations

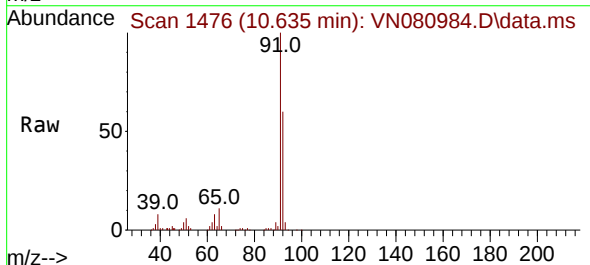
APPROVED

Reviewed By :John Carlone 02/12/2024

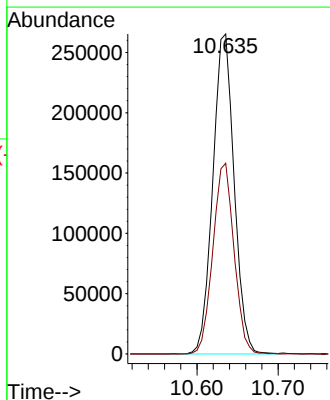
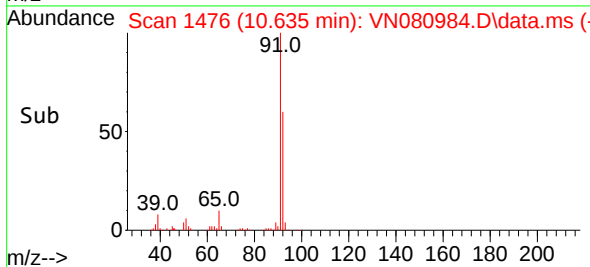
Supervised By :Mahesh Dadoda 02/12/2024

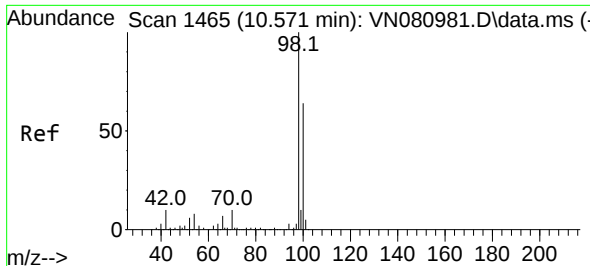


#62
Toluene
Concen: 20.945 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27



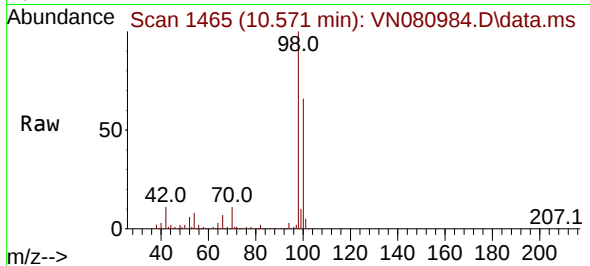
Tgt Ion: 91 Resp: 485342
Ion Ratio Lower Upper
91 100
92 59.1 46.5 69.7





#63
Toluene-d8
Concen: 30.898 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

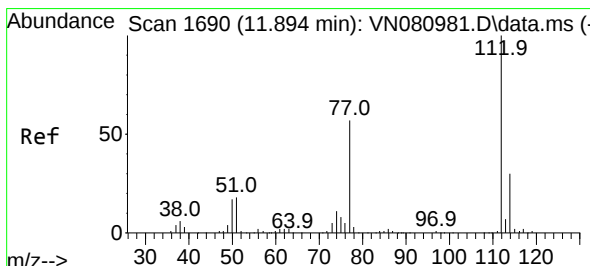
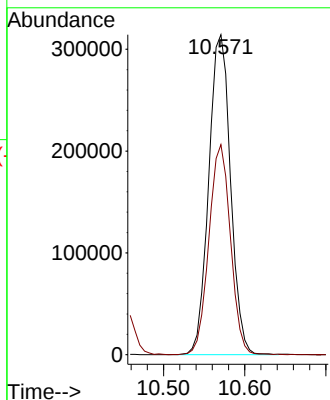
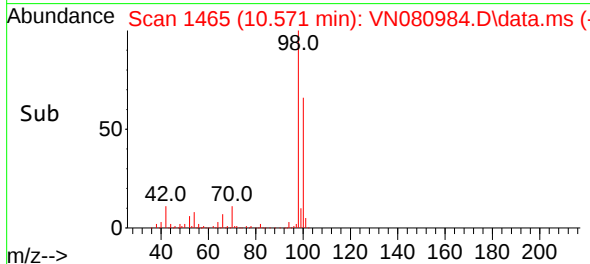
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924



Tgt Ion: 98 Resp: 586558
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1

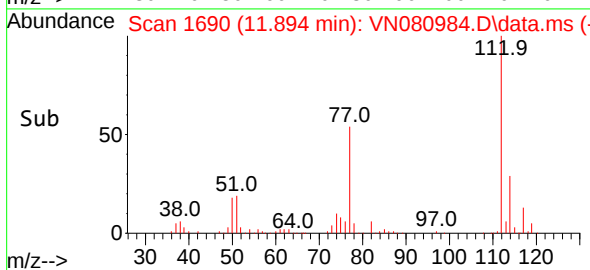
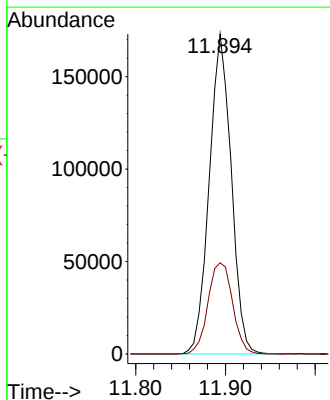
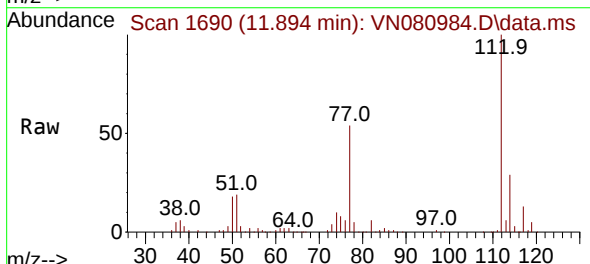
Manual Integrations
APPROVED

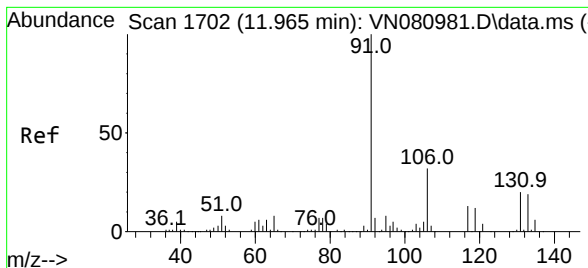
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#64
Chlorobenzene
Concen: 20.739 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

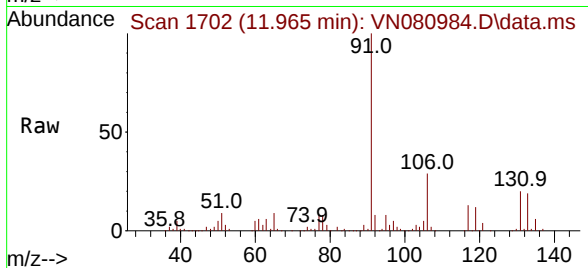
Tgt Ion:112 Resp: 294335
Ion Ratio Lower Upper
112 100
114 28.5 26.6 39.8





#65
1,1,1,2-Tetrachloroethane
Concen: 20.229 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

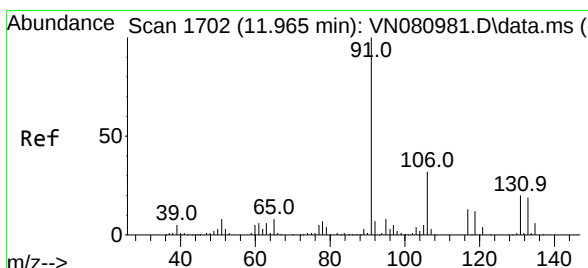
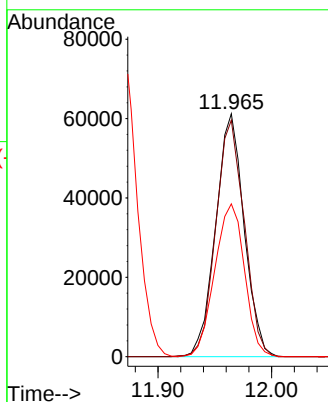
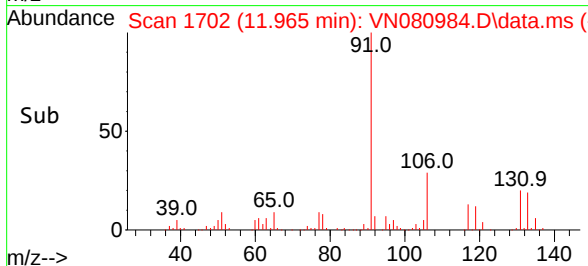
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924



Tgt Ion:131 Resp: 106498
Ion Ratio Lower Upper
131 100
133 97.4 0.0 188.0
119 65.8 0.0 122.8

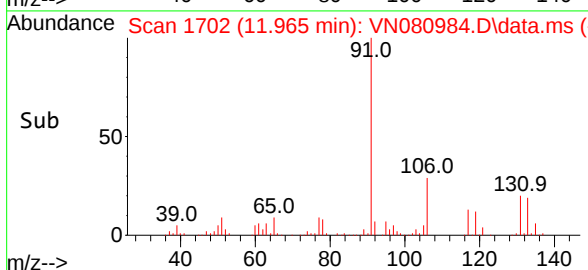
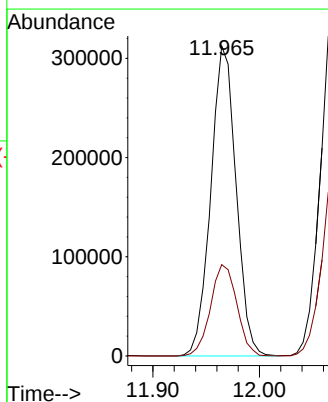
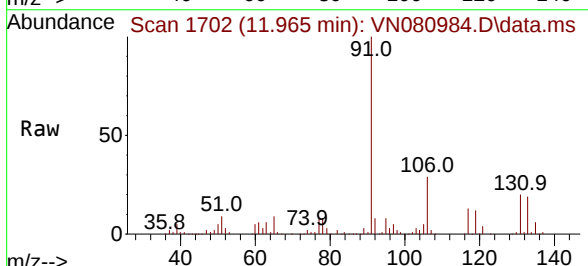
Manual Integrations
APPROVED

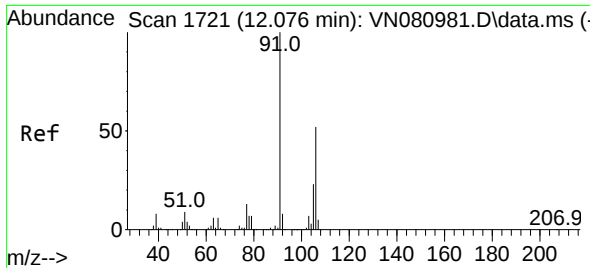
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#66
Ethyl Benzene
Concen: 21.128 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

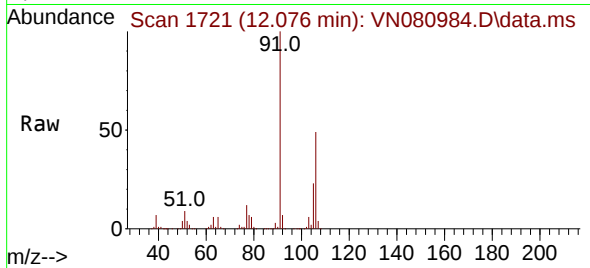
Tgt Ion: 91 Resp: 514778
Ion Ratio Lower Upper
91 100
106 29.5 24.4 36.6





#67
m/p-Xylenes
Concen: 41.382 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

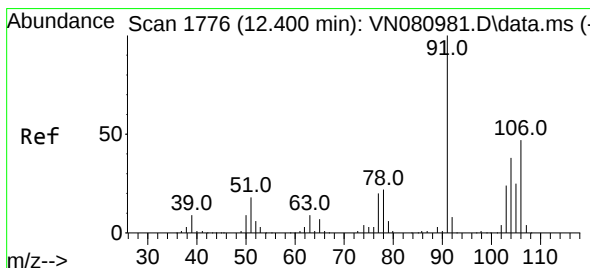
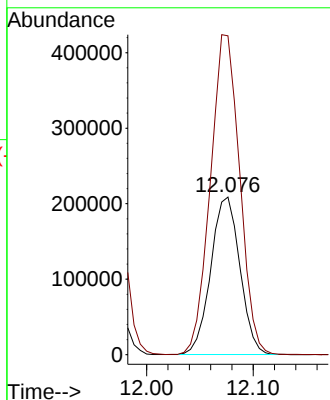
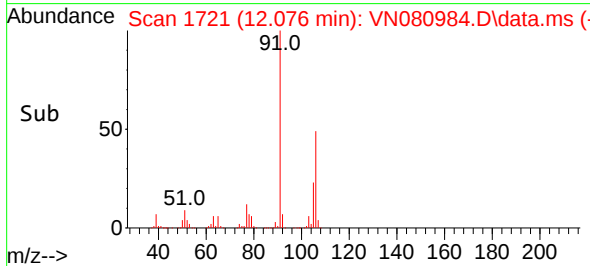
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924



Tgt Ion:106 Resp: 395958
Ion Ratio Lower Upper
106 100
91 205.1 166.6 249.8

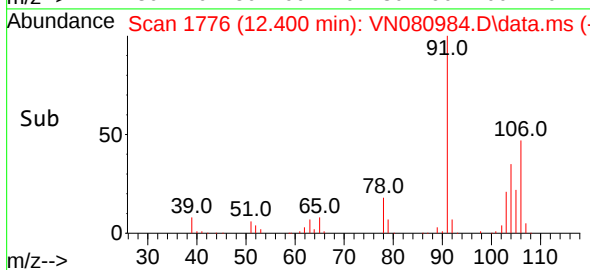
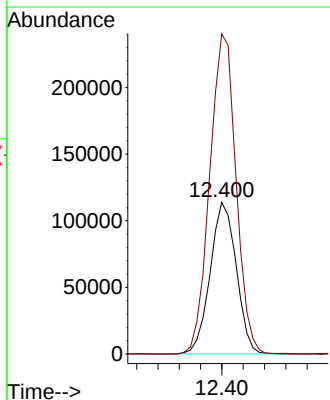
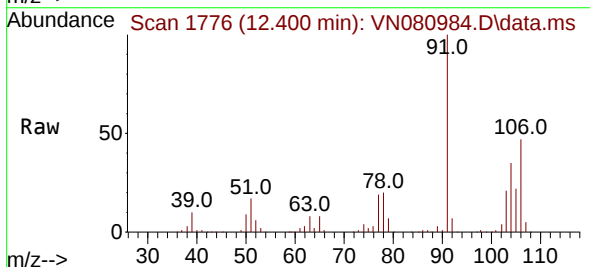
Manual Integrations
APPROVED

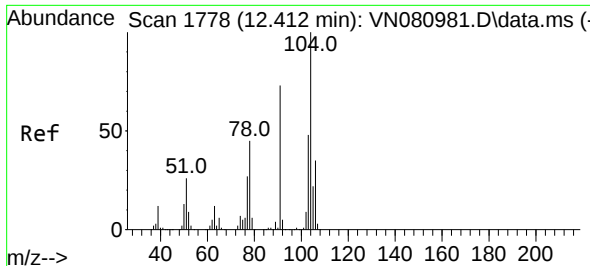
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#68
o-Xylene
Concen: 20.632 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

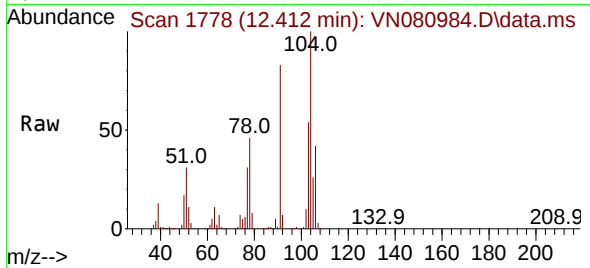
Tgt Ion:106 Resp: 193466
Ion Ratio Lower Upper
106 100
91 212.8 110.0 330.0





#69
Styrene
Concen: 20.490 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

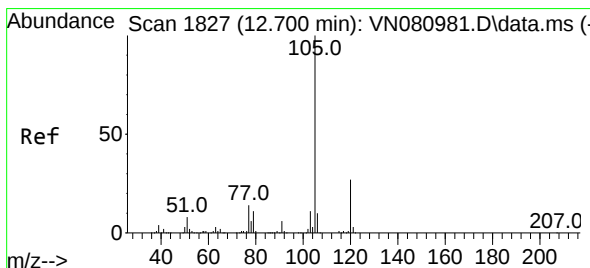
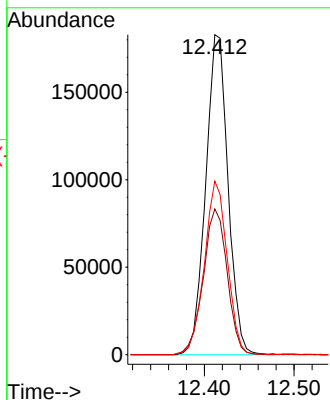
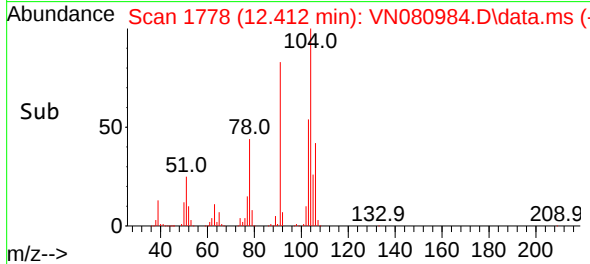
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924



Tgt Ion:104 Resp: 316304
Ion Ratio Lower Upper
104 100
78 48.7 42.6 64.0
103 55.5 43.7 65.5

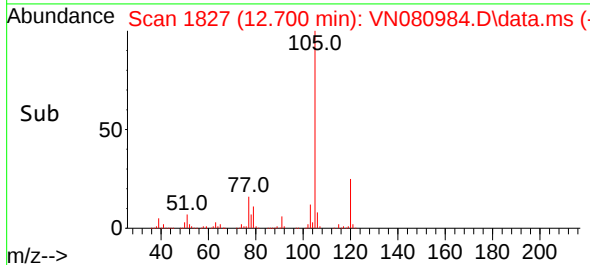
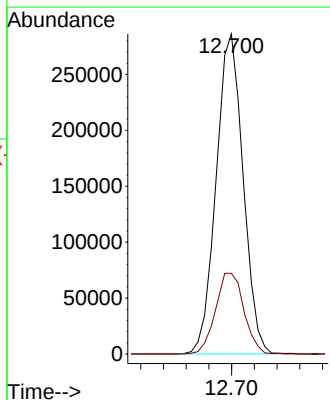
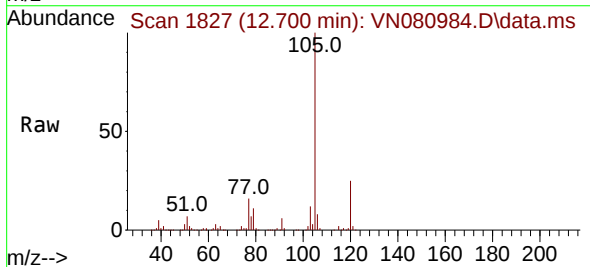
Manual Integrations
APPROVED

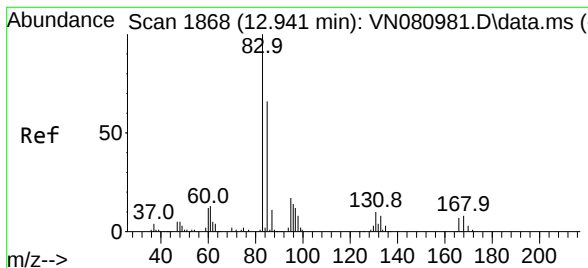
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#70
Isopropylbenzene
Concen: 20.663 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

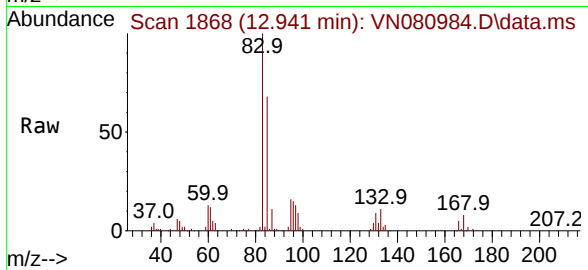
Tgt Ion:105 Resp: 472174
Ion Ratio Lower Upper
105 100
120 26.5 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.253 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

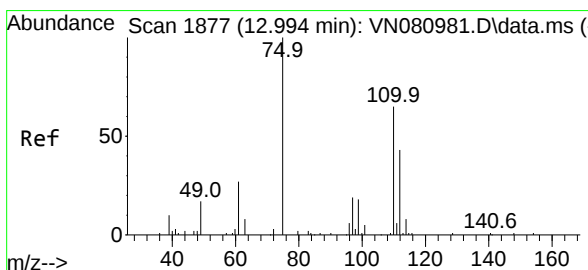
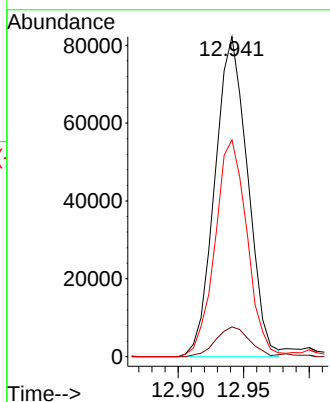
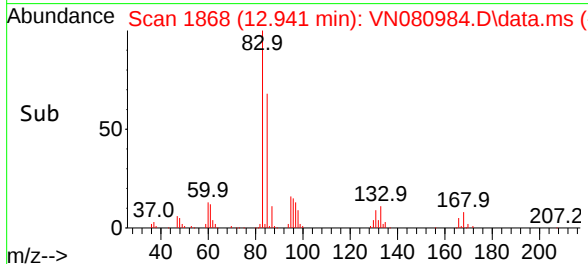
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924



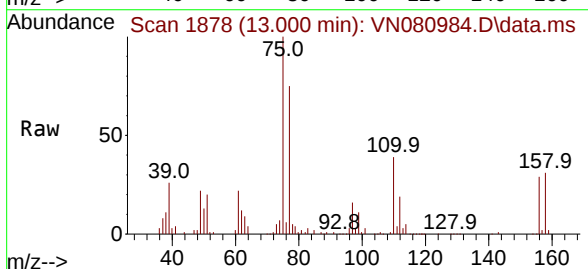
Tgt Ion: 83 Resp: 142710
Ion Ratio Lower Upper
83 100
131 9.6 5.2 15.6
85 66.3 32.3 96.8

Manual Integrations
APPROVED

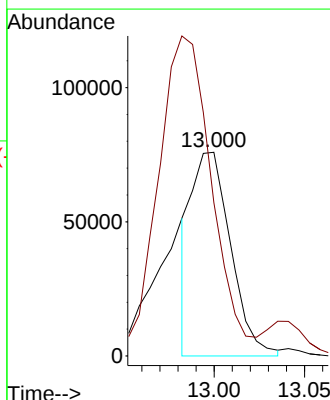
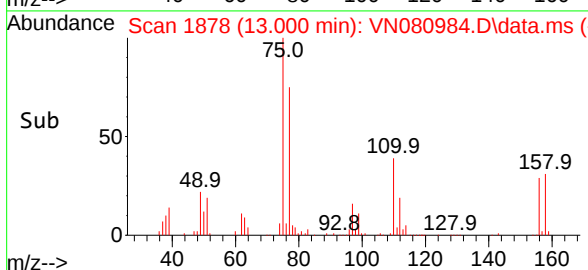
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

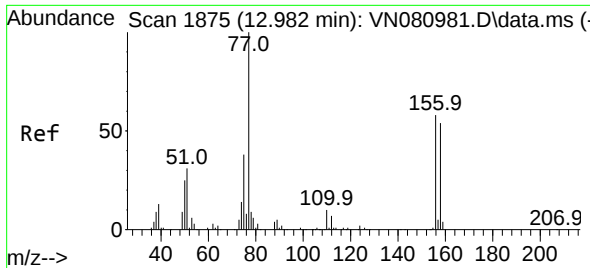


#72
1,2,3-Trichloropropane
Concen: 20.683 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27



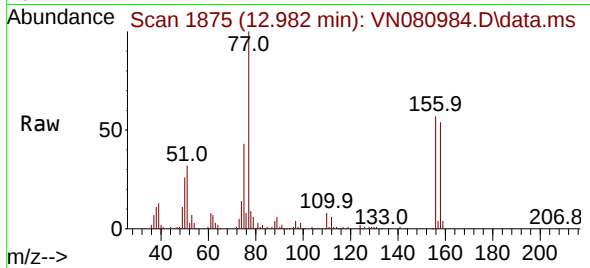
Tgt Ion: 75 Resp: 114090
Ion Ratio Lower Upper
75 100
77 215.3 0.0 367.6





#73
Bromobenzene
Concen: 20.519 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

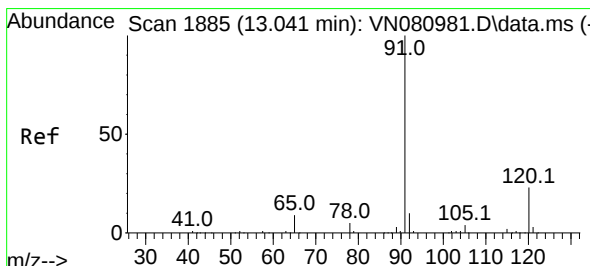
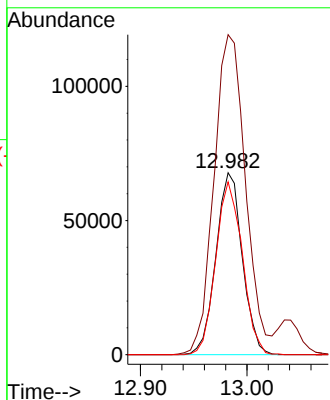
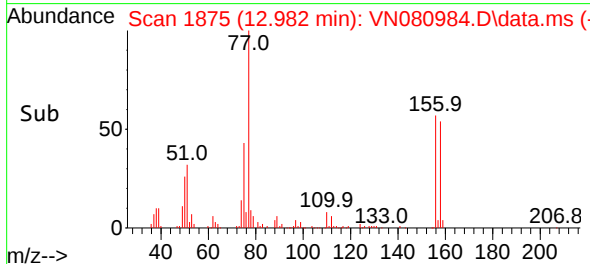
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924



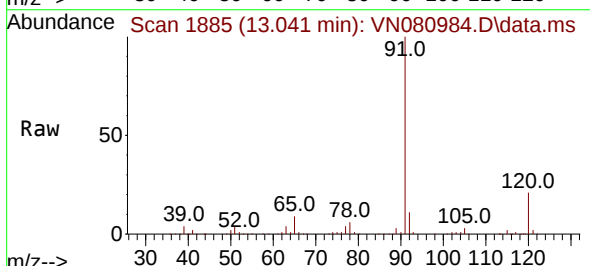
Tgt Ion:156 Resp: 116604
Ion Ratio Lower Upper
156 100
77 210.7 0.0 437.6
158 95.7 0.0 203.8

Manual Integrations
APPROVED

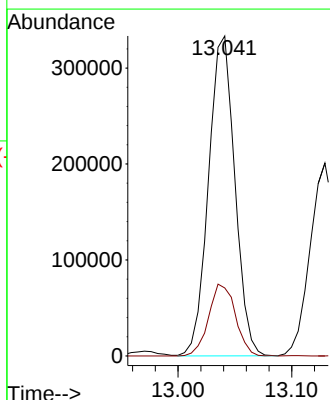
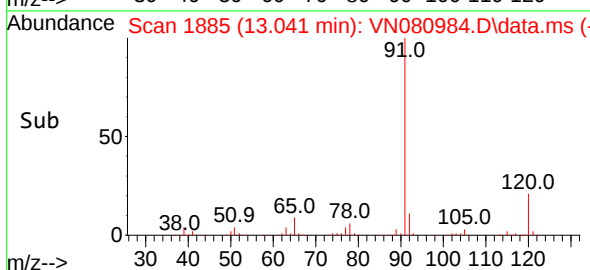
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

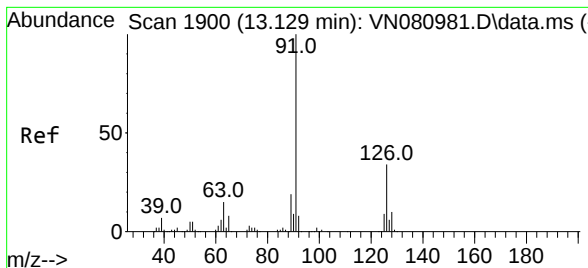


#74
n-propylbenzene
Concen: 20.687 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27



Tgt Ion: 91 Resp: 537269
Ion Ratio Lower Upper
91 100
120 22.8 0.0 43.8





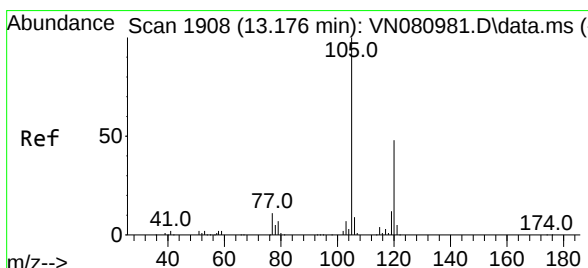
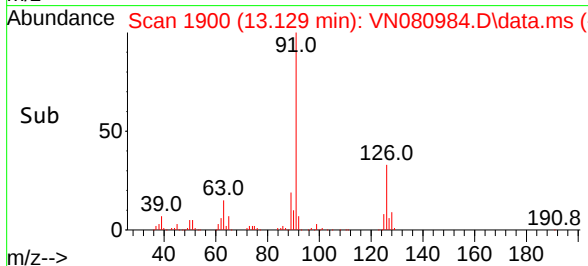
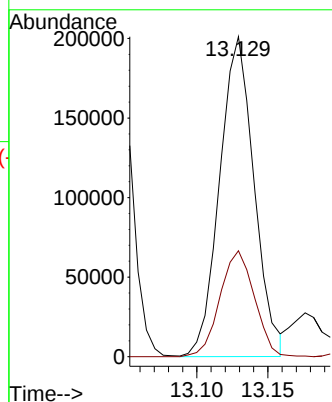
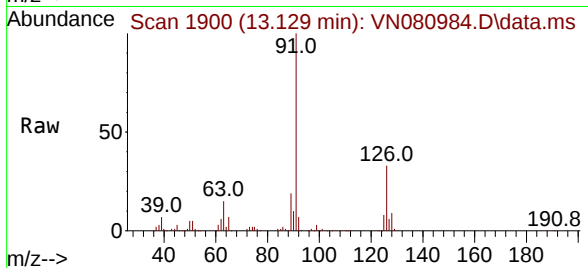
#75
2-Chlorotoluene
Concen: 21.056 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

Instrument : MSVOA_N
ClientSampleId : ICVVN020924

Tgt Ion: 91 Resp: 339460
Ion Ratio Lower Upper
91 100
126 33.1 0.0 61.2

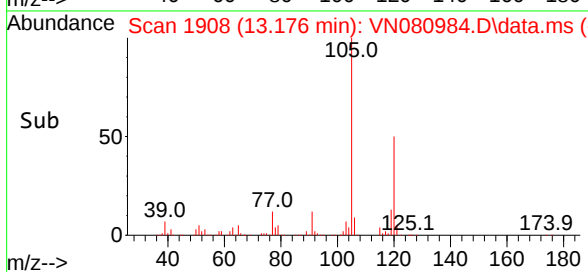
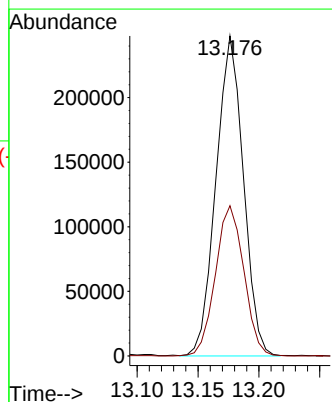
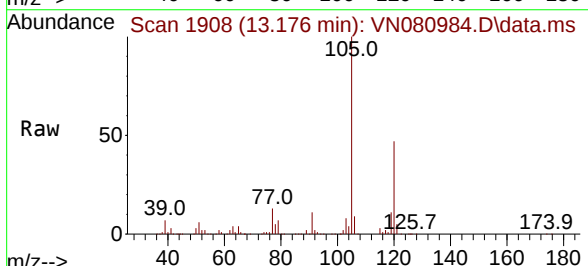
Manual Integrations
APPROVED

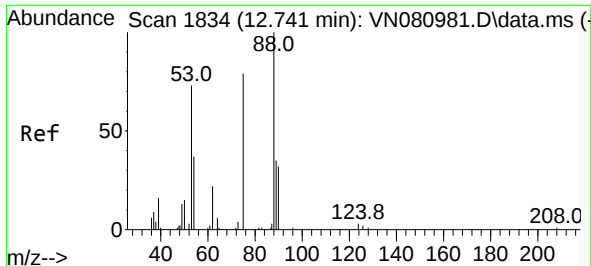
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#76
1,3,5-Trimethylbenzene
Concen: 20.753 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

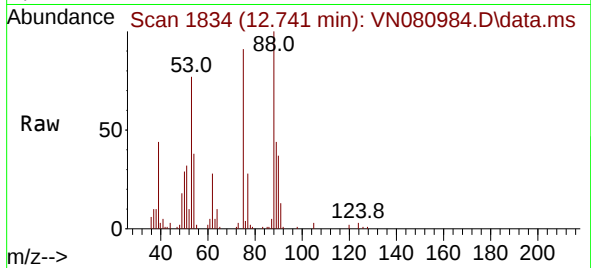
Tgt Ion:105 Resp: 388029
Ion Ratio Lower Upper
105 100
120 48.6 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.811 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

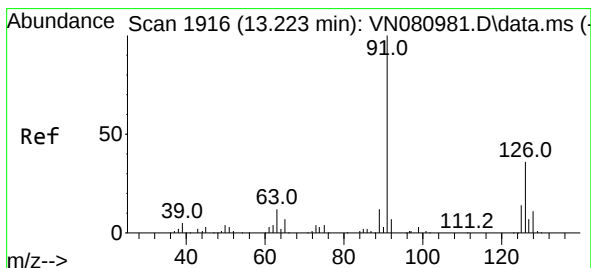
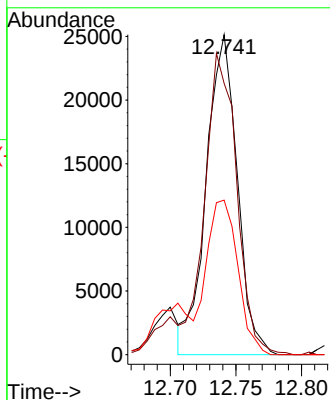
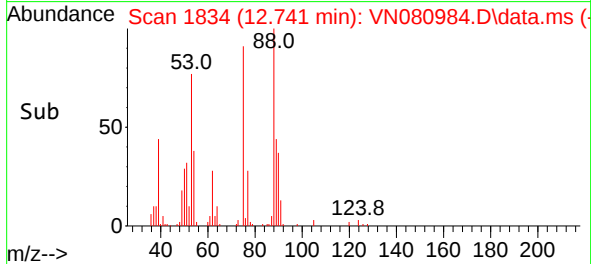
Instrument : MSVOA_N
ClientSampleId : ICVVN020924



Tgt Ion: 75 Resp: 4135
Ion Ratio Lower Upper
75 100
53 84.0 45.9 137.7
89 46.6 25.9 77.7

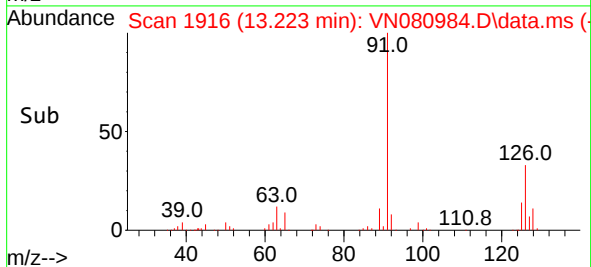
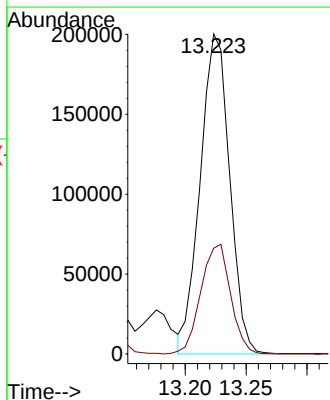
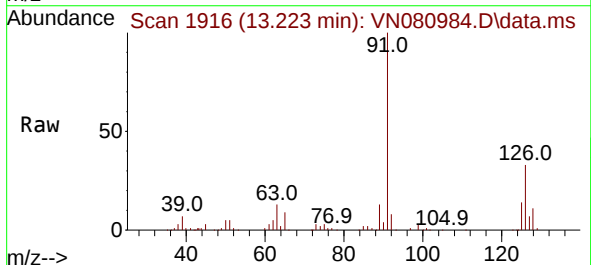
Manual Integrations
APPROVED

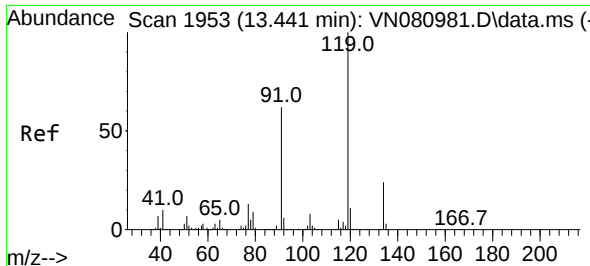
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#78
4-Chlorotoluene
Concen: 20.931 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

Tgt Ion: 91 Resp: 337988
Ion Ratio Lower Upper
91 100
126 34.5 0.0 62.8





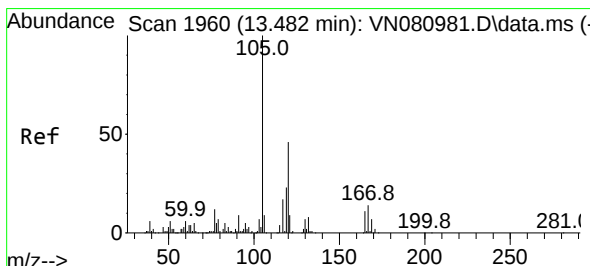
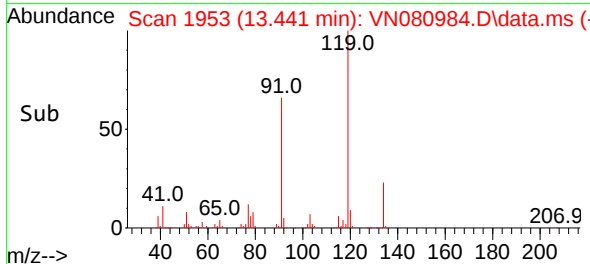
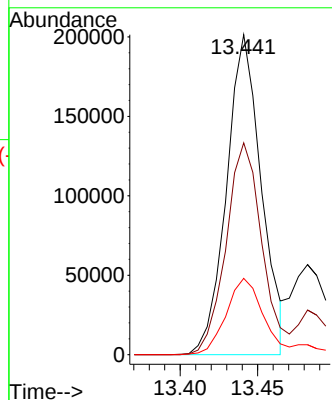
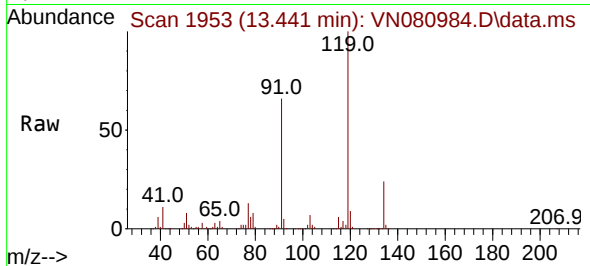
#79
tert-butylbenzene
Concen: 20.265 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924

Tgt Ion:119 Resp: 31454
Ion Ratio Lower Upper
119 100
91 68.6 0.0 138.8
134 25.2 0.0 48.6

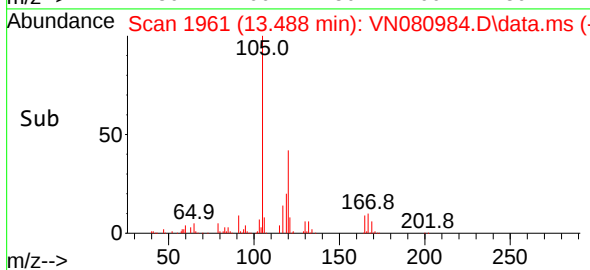
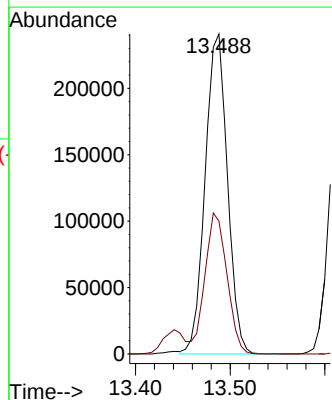
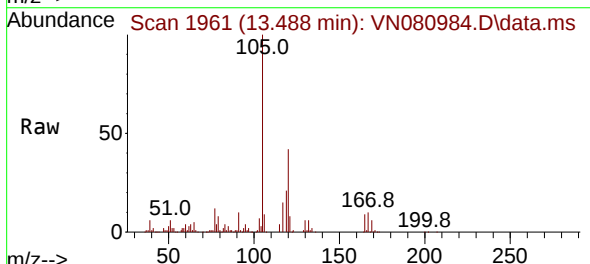
Manual Integrations
APPROVED

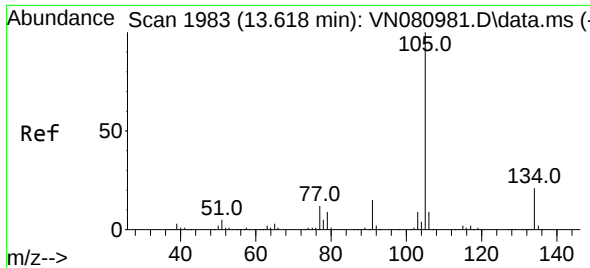
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#80
1,2,4-Trimethylbenzene
Concen: 21.202 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

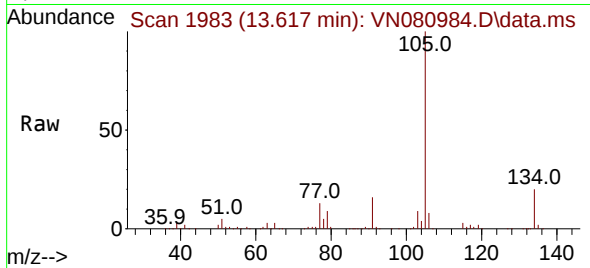
Tgt Ion:105 Resp: 394979
Ion Ratio Lower Upper
105 100
120 43.2 0.0 86.8





#81
sec-Butylbenzene
Concen: 20.845 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

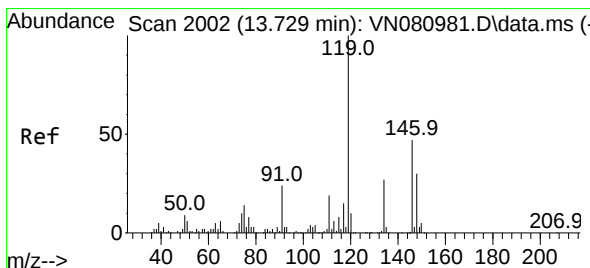
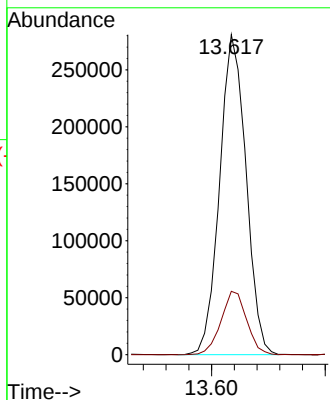
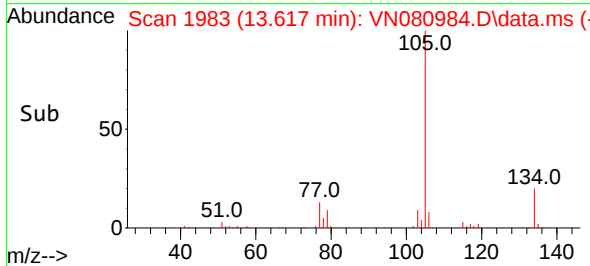
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924



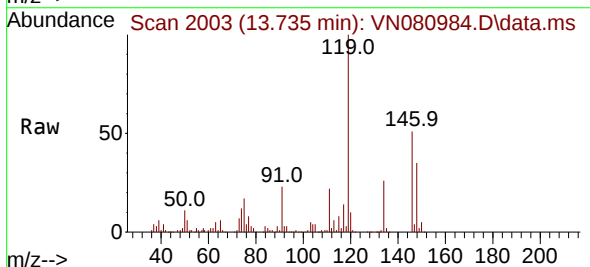
Tgt Ion:105 Resp: 453080
Ion Ratio Lower Upper
105 100
134 19.3 0.0 39.0

Manual Integrations
APPROVED

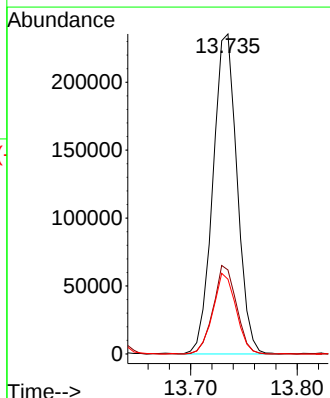
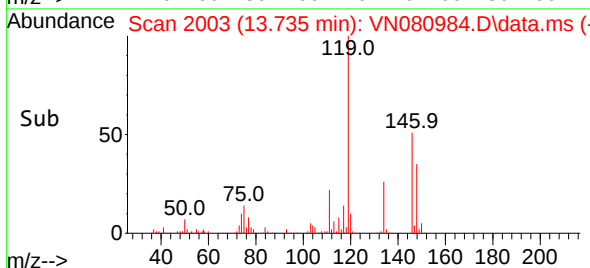
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

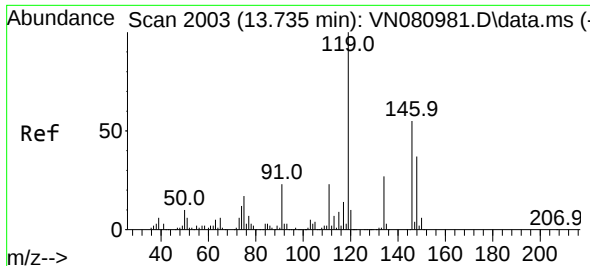


#82
p-Isopropyltoluene
Concen: 20.328 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27



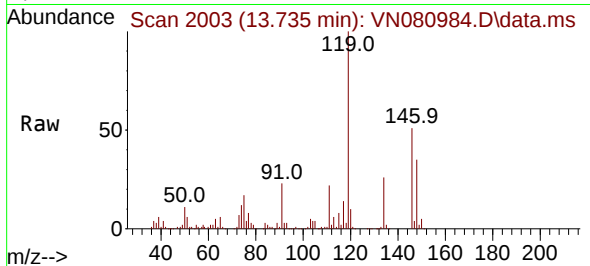
Tgt Ion:119 Resp: 370938
Ion Ratio Lower Upper
119 100
134 26.5 0.0 49.2
91 24.2 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 20.280 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

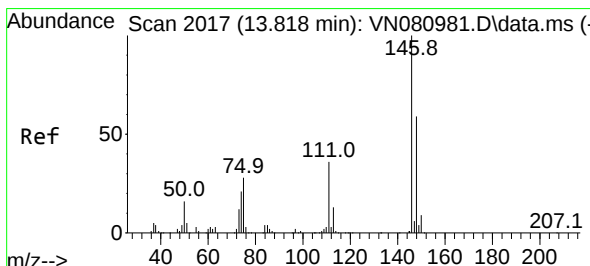
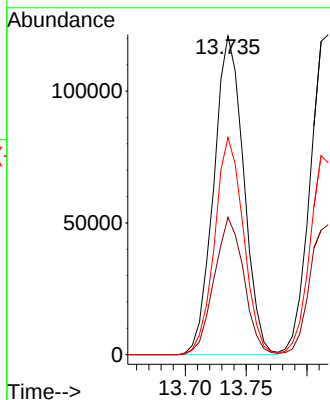
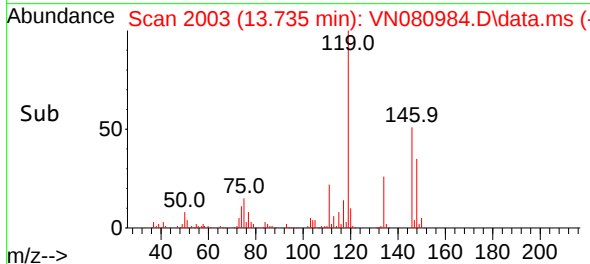
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924



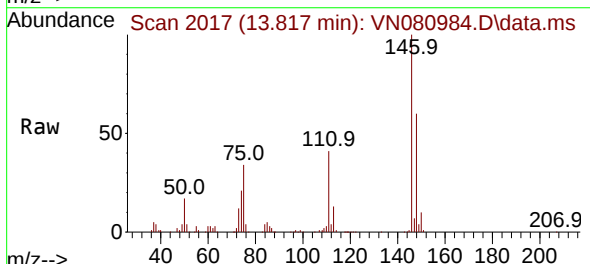
Tgt Ion:146 Resp: 207283
Ion Ratio Lower Upper
146 100
111 42.7 22.4 67.0
148 65.9 32.1 96.5

Manual Integrations
APPROVED

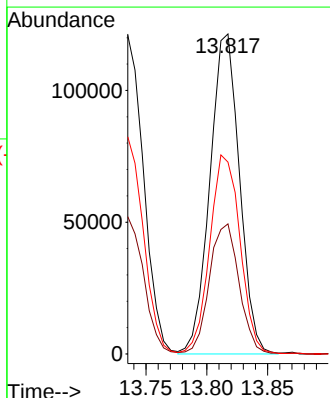
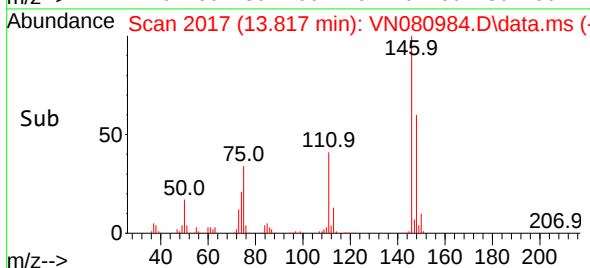
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

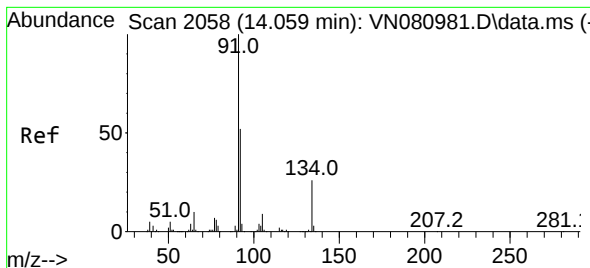


#84
1,4-Dichlorobenzene
Concen: 20.054 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27



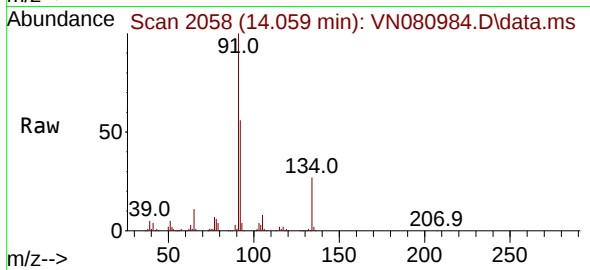
Tgt Ion:146 Resp: 205737
Ion Ratio Lower Upper
146 100
111 40.9 21.3 63.9
148 63.6 31.9 95.5





#85
n-Butylbenzene
Concen: 20.785 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

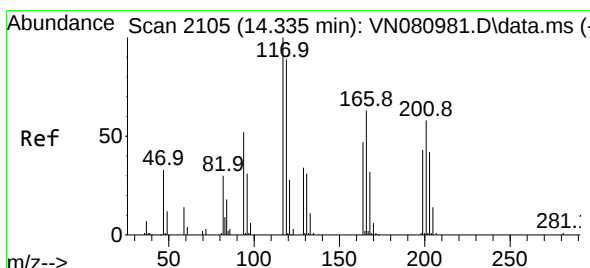
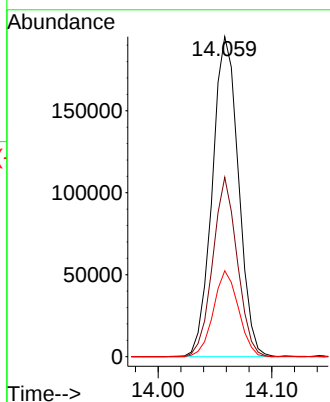
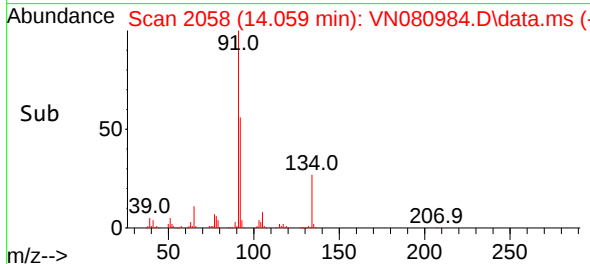
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924



Tgt Ion: 91 Resp: 31293
Ion Ratio Lower Upper
91 100
92 52.4 0.0 105.0
134 25.7 0.0 51.8

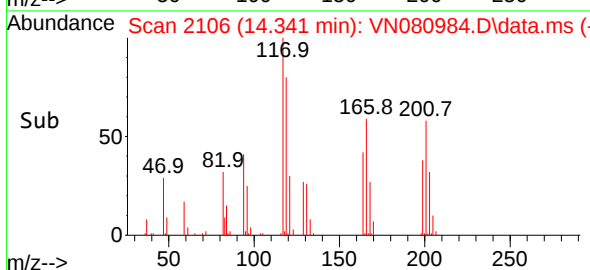
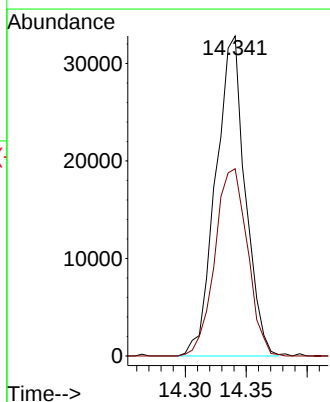
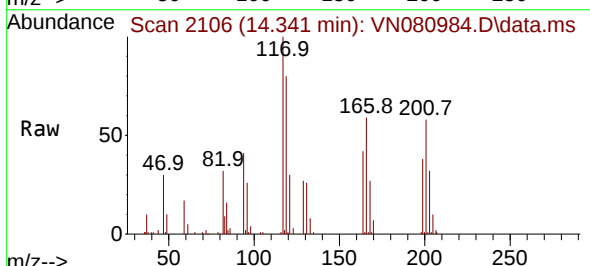
Manual Integrations
APPROVED

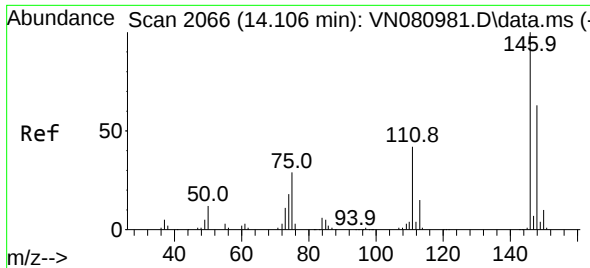
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#86
Hexachloroethane
Concen: 19.245 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

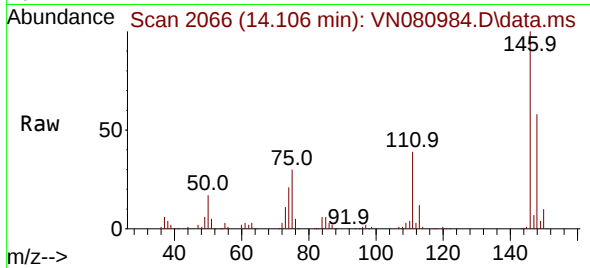
Tgt Ion:117 Resp: 55392
Ion Ratio Lower Upper
117 100
201 64.5 38.0 114.0





#87
1,2-Dichlorobenzene
Concen: 20.382 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

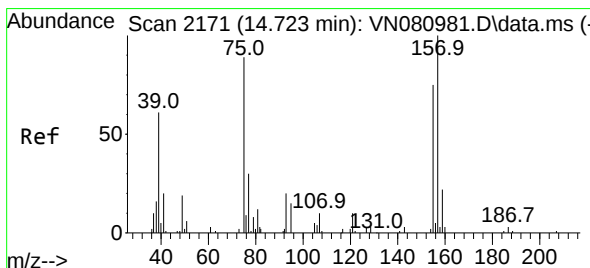
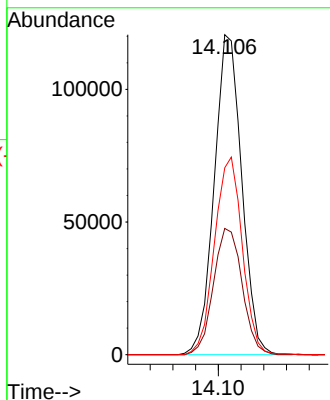
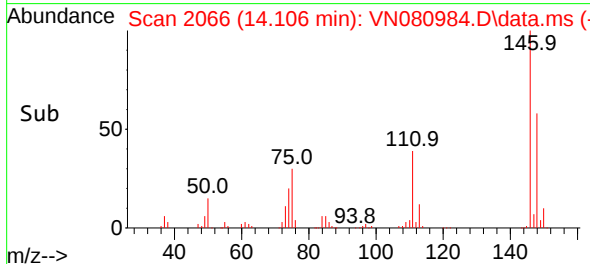
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924



Tgt Ion:146 Resp: 202825
Ion Ratio Lower Upper
146 100
111 41.1 22.6 67.8
148 62.4 31.3 93.8

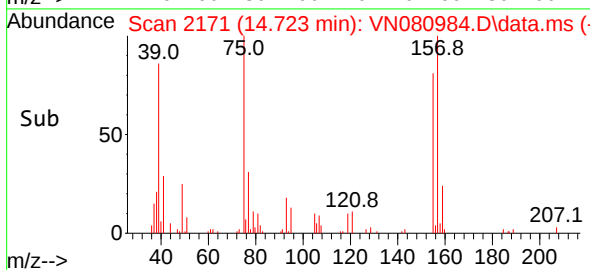
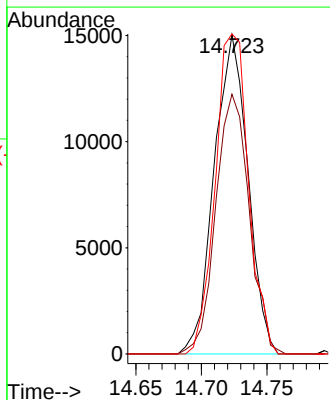
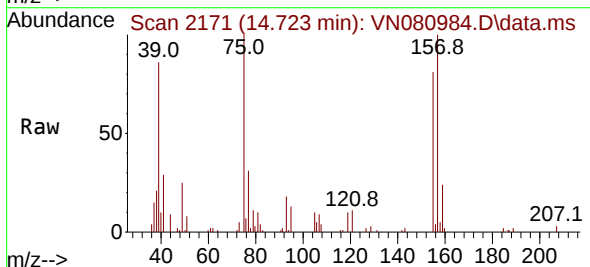
Manual Integrations
APPROVED

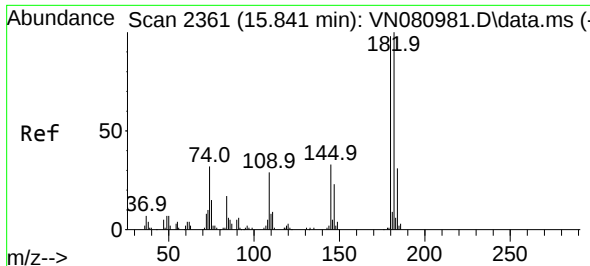
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 21.125 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

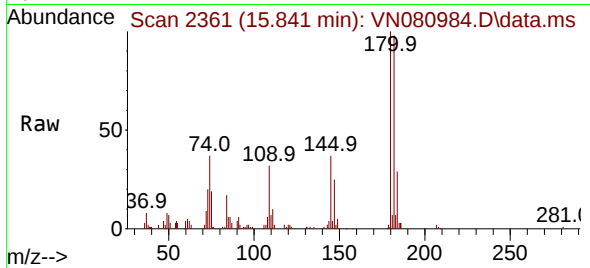
Tgt Ion: 75 Resp: 26868
Ion Ratio Lower Upper
75 100
155 80.9 61.7 92.5
157 98.9 83.6 125.4





#89
1,2,4-Trichlorobenzene
Concen: 19.258 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

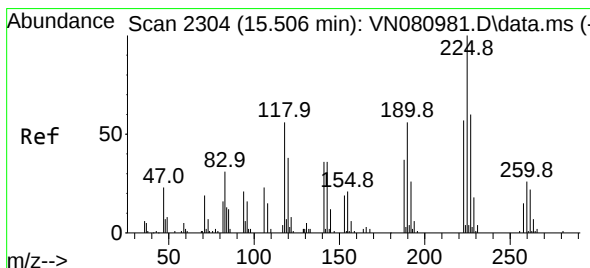
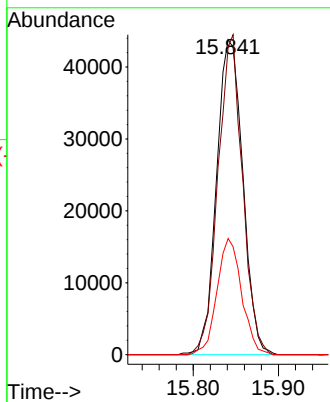
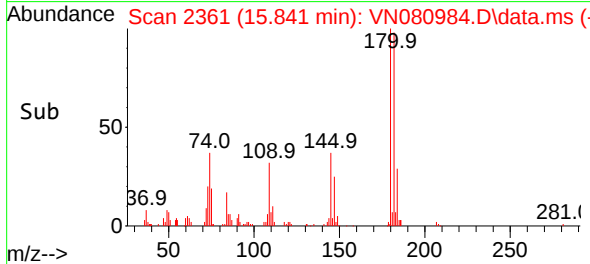
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924



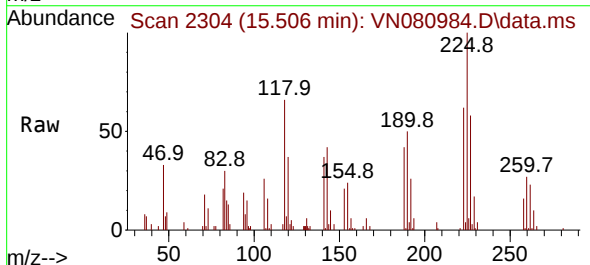
Tgt Ion:180 Resp: 93750
Ion Ratio Lower Upper
180 100
182 94.5 76.4 114.6
145 34.7 28.4 42.6

Manual Integrations
APPROVED

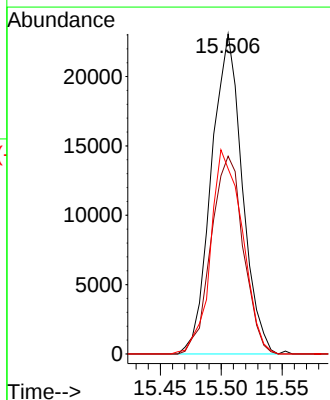
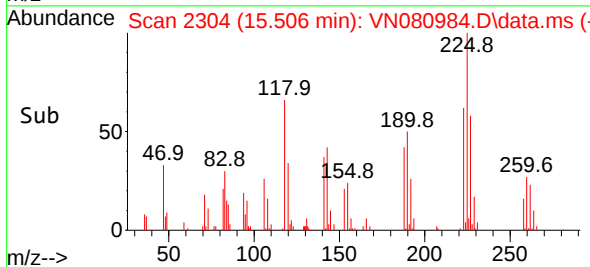
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

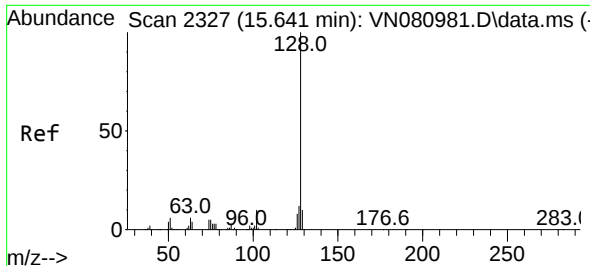


#90
Hexachlorobutadiene
Concen: 19.067 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27



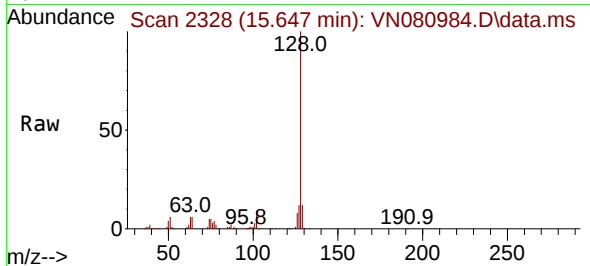
Tgt Ion:225 Resp: 40724
Ion Ratio Lower Upper
225 100
223 64.6 0.0 126.6
227 65.8 0.0 126.6





#91
Naphthalene
Concen: 19.142 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

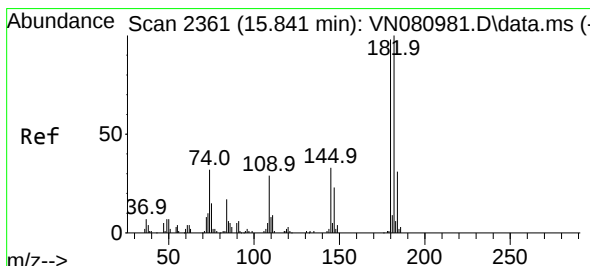
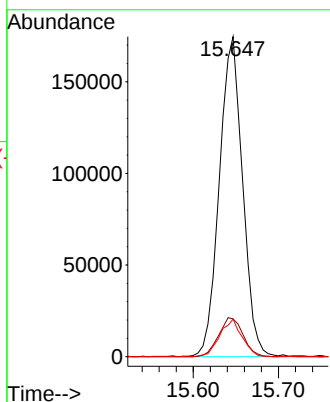
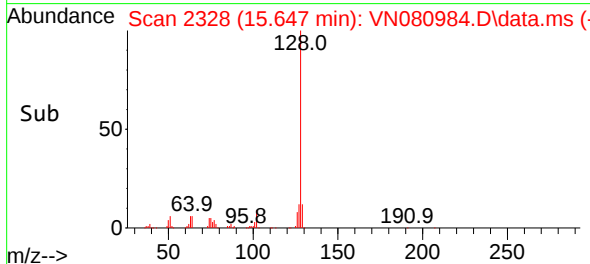
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924



Tgt Ion:128 Resp: 33087
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 11.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#92
1,2,3-Trichlorobenzene
Concen: 19.258 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080984.D
Acq: 09 Feb 2024 12:27

Tgt Ion:180 Resp: 93750
Ion Ratio Lower Upper
180 100
182 94.5 0.0 191.0
145 34.7 0.0 71.0

