

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042924\
 Data File : VN081904.D
 Acq On : 29 Apr 2024 10:42
 Operator : JC\MD
 Sample : VN0429WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBSD01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 04/30/2024

Supervised By :Mahesh
 Dadoda
 04/30/2024

Quant Time: Apr 30 04:32:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	43794	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	252513	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	223183	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	111095	30.299	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.000%			
60) 4-Bromofluorobenzene	12.847	95	113441	30.542	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.800%			
63) Toluene-d8	10.565	98	315756	29.791	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.300%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	41569	16.722	ug/l	98
3) Chloromethane	2.359	50	51472	17.854	ug/l	97
4) Vinyl Chloride	2.518	62	44934	16.499	ug/l	99
5) Bromomethane	2.959	94	23743	16.707	ug/l	99
6) Chloroethane	3.130	64	26839	17.403	ug/l	88
7) Trichlorofluoromethane	3.495	101	68571	17.206	ug/l	87
8) Diethyl Ether	3.965	74	36426	18.881	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	46475	17.011	ug/l	79
10) 1,1-Dichloroethene	4.342	96	45278	16.940	ug/l	96
11) Methyl Iodide	4.595	142	43191	17.682	ug/l	84
12) Methyl Acetate	5.018	43	64683m	19.327	ug/l	
13) Acrolein	4.177	56	66167	93.022	ug/l	99
14) Acrylonitrile	5.718	53	141797	92.831	ug/l	99
15) Acetone	4.430	58	32815	95.872	ug/l	84
16) Carbon Disulfide	4.712	76	123460	16.672	ug/l	99
17) Allyl chloride	5.024	41	81913	17.455	ug/l	96
18) Methylene Chloride	5.277	84	57330	18.851	ug/l	89
19) trans-1,2-Dichloroethene	5.800	96	49288	17.716	ug/l	83
20) Diisopropyl ether	6.671	45	189119	18.215	ug/l #	94
21) 1,1-Dichloroethane	6.565	63	98059	17.837	ug/l	97
22) cis-1,2-Dichloroethene	7.489	96	63522	18.736	ug/l	94
23) tert-Butyl Alcohol	5.506	59	57240	90.976	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	184554	19.152	ug/l #	82
25) Chloroform	7.965	83	97347	18.405	ug/l	98
26) Cyclohexane	8.259	56	82149	17.280	ug/l #	91
29) 1,1-Dichloropropene	8.371	75	64764	17.228	ug/l	98
30) 2-Butanone	7.483	43	185354	95.651	ug/l	95
31) 2,2-Dichloropropane	7.494	77	85891	22.295	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	78408	18.135	ug/l	94
33) Carbon Tetrachloride	8.365	117	61440	17.510	ug/l #	92
34) Benzene	8.606	78	223371	18.625	ug/l	95
35) Methacrylonitrile	7.777	41	48593	19.821	ug/l	93
36) 1,2-Dichloroethane	8.671	62	75716	18.807	ug/l	96
37) Trichloroethene	9.353	130	51008	17.365	ug/l	93
38) Methylcyclohexane	9.600	83	81608	17.970	ug/l	95
39) 1,2-Dichloropropane	9.624	63	57335	18.632	ug/l	96
40) Dibromomethane	9.712	93	37530	18.984	ug/l	91
41) Bromodichloromethane	9.888	83	80403	19.028	ug/l	93
42) Vinyl Acetate	6.606	43	790213	95.807	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	78343	18.542	ug/l	98
44) Isopropyl Acetate	8.688	43	142871m	19.047	ug/l	
45) 1,4-Dioxane	9.694	88	23014	382.581	ug/l #	91
46) Methyl methacrylate	9.682	41	64338	18.775	ug/l	79
47) n-amyl Acetate	12.494	43	130473m	19.285	ug/l	
48) t-1,3-Dichloropropene	10.835	75	88898	19.401	ug/l	95
49) cis-1,3-Dichloropropene	10.312	75	97692	20.165	ug/l #	83
50) 1,1,2-Trichloroethane	11.018	97	52483	19.568	ug/l	97
51) Ethyl methacrylate	10.877	69	98345	19.428	ug/l	86
52) 1,3-Dichloropropane	11.165	76	95728	19.427	ug/l	98
53) Dibromochloromethane	11.359	129	58124	19.918	ug/l	95
54) 1,2-Dibromoethane	11.471	107	52597	19.663	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	255471	100.926	ug/l	96
56) Bromoform	12.576	173	35215	19.828	ug/l #	97
58) 4-Methyl-2-Pentanone	10.447	43	405343	93.536	ug/l #	88
59) 2-Hexanone	11.194	43	307120	95.584	ug/l #	89
61) Tetrachloroethene	11.106	164	46373	18.726	ug/l	95
62) Toluene	10.630	91	234091	18.641	ug/l	99
64) Chlorobenzene	11.894	112	148078	19.279	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.959	131	49865	19.836	ug/l	94
66) Ethyl Benzene	11.965	91	255747	18.580	ug/l	98
67) m/p-Xylenes	12.071	106	192027	37.627	ug/l	98
68) o-Xylene	12.400	106	97585	19.327	ug/l	97
69) Styrene	12.412	104	165738	19.554	ug/l	96
70) Isopropylbenzene	12.700	105	235554	18.369	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	69895	18.940	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	66006m	19.132	ug/l	
73) Bromobenzene	12.982	156	51607	18.800	ug/l	84
74) n-propylbenzene	13.035	91	284839	18.827	ug/l	98
75) 2-Chlorotoluene	13.123	91	173732	18.562	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	193600	18.651	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	32016	20.849	ug/l	94
78) 4-Chlorotoluene	13.223	91	170174	18.559	ug/l	99
79) tert-butylbenzene	13.441	119	163199	18.261	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	195447	18.746	ug/l	99
81) sec-Butylbenzene	13.618	105	224127	17.891	ug/l	99
82) p-Isopropyltoluene	13.729	119	188838	19.063	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	93991	19.015	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	98837	19.894	ug/l	96
85) n-Butylbenzene	14.059	91	167146	18.472	ug/l	97
86) Hexachloroethane	14.335	117	36450	18.454	ug/l	84
87) 1,2-Dichlorobenzene	14.106	146	94261	19.147	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	14262	17.222	ug/l	96
89) 1,2,4-Trichlorobenzene	15.841	180	51221	18.896	ug/l	97
90) Hexachlorobutadiene	15.506	225	17689	17.619	ug/l	97
91) Naphthalene	15.641	128	192805	18.710	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	51221	18.896	ug/l	97

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

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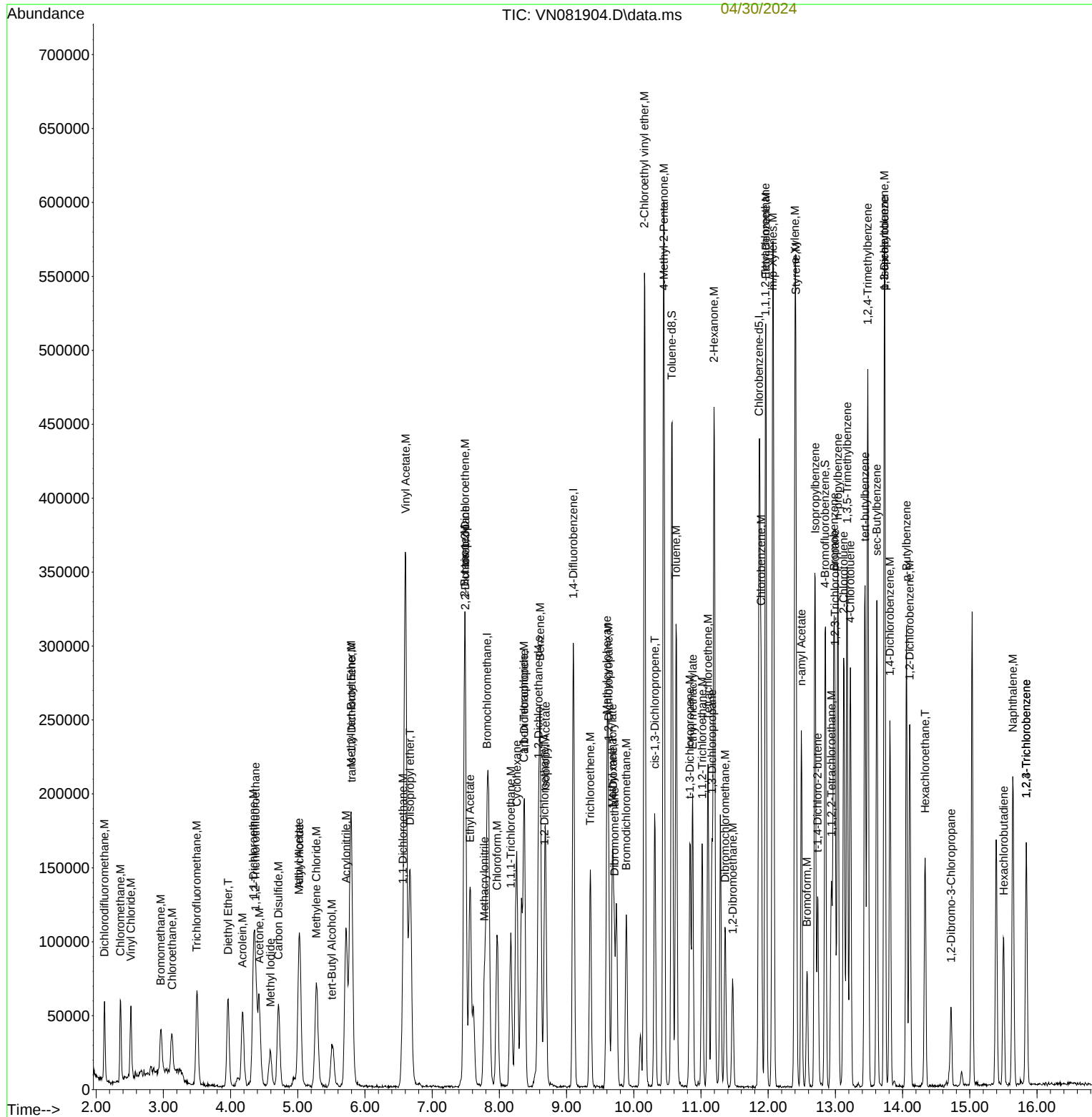
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

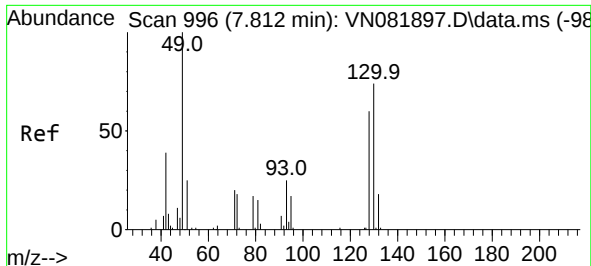
Manual Integrations
APPROVED

Reviewed By :John
Carlone
04/30/2024

Supervised By :Mahesh
Dadoda
04/30/2024

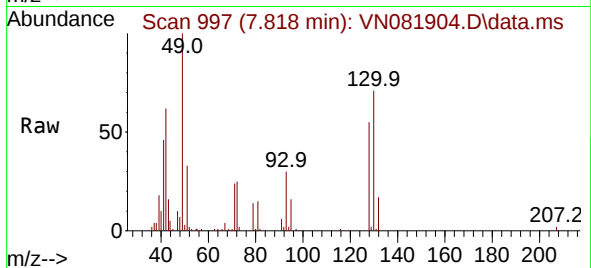
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

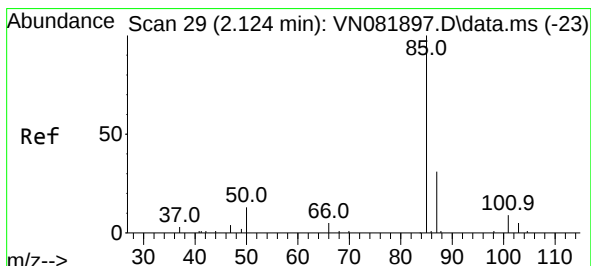
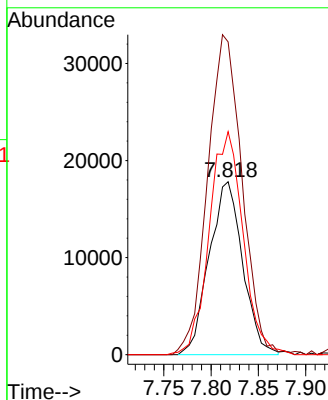
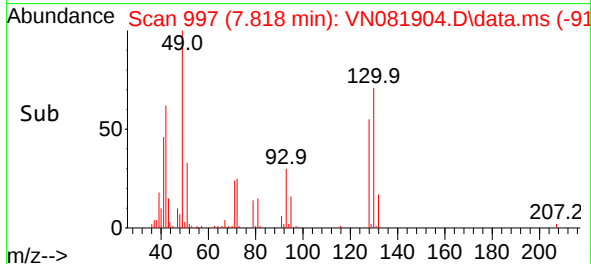


Tgt Ion:128 Resp: 43794
Ion Ratio Lower Upper
128 100
49 189.6 0.0 403.7
130 130.3 0.0 323.3

Manual Integrations
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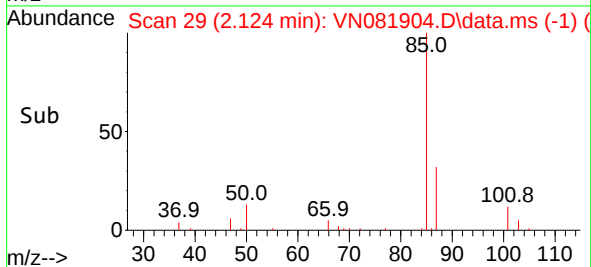
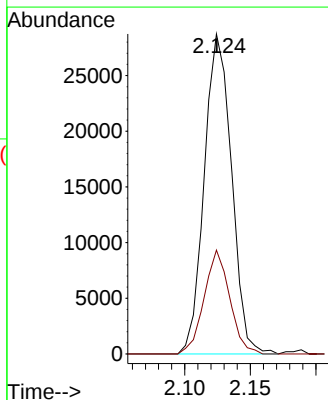
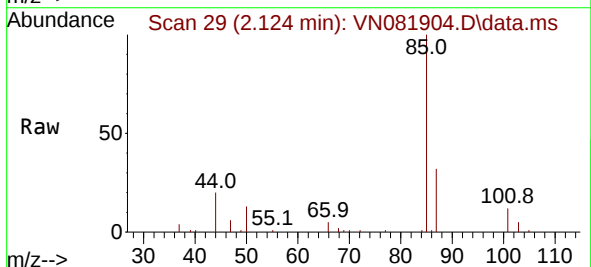
Reviewed By :John
Carlone
04/30/2024

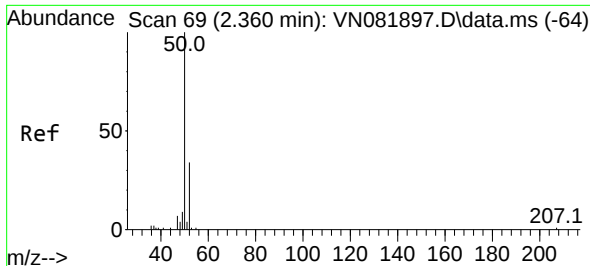
Supervised By :Mahesh
Dadoda
04/30/2024



#2
Dichlorodifluoromethane
Concen: 16.722 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

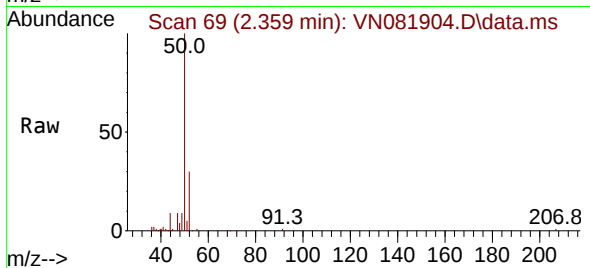
Tgt Ion: 85 Resp: 41569
Ion Ratio Lower Upper
85 100
87 32.5 16.8 50.3





#3
Chloromethane
Concen: 17.854 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
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ClientSampleId :
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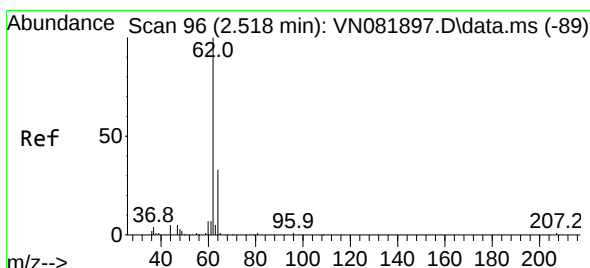
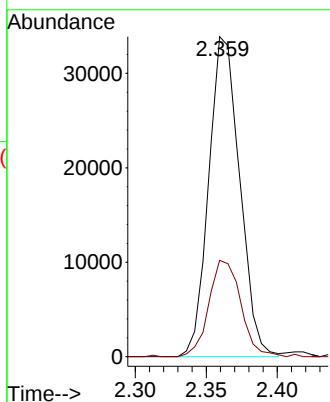
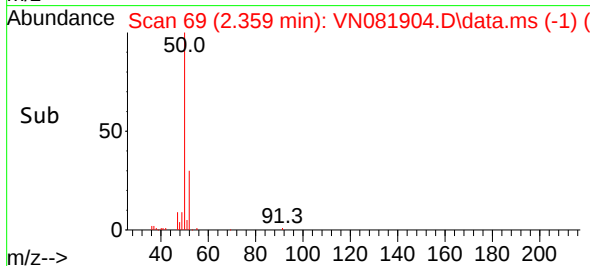


Tgt Ion: 50 Resp: 51472
Ion Ratio Lower Upper
50 100
52 30.1 25.4 38.0

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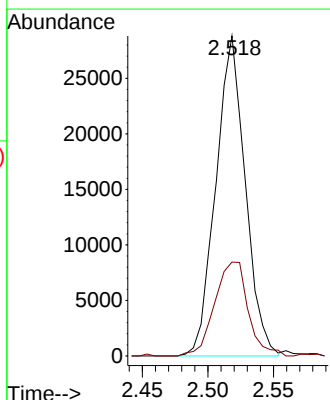
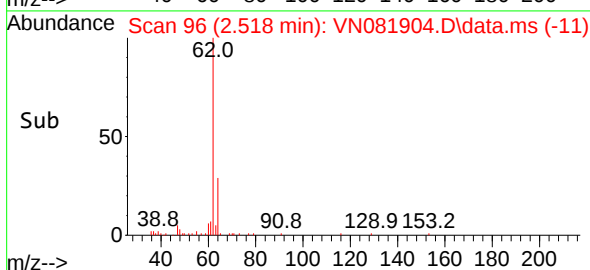
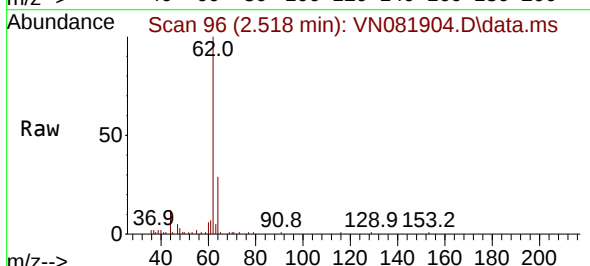
Reviewed By :John
Carlone
04/30/2024

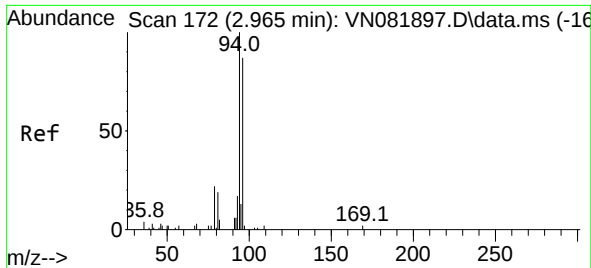
Supervised By :Mahesh
Dadoda
04/30/2024



#4
Vinyl Chloride
Concen: 16.499 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

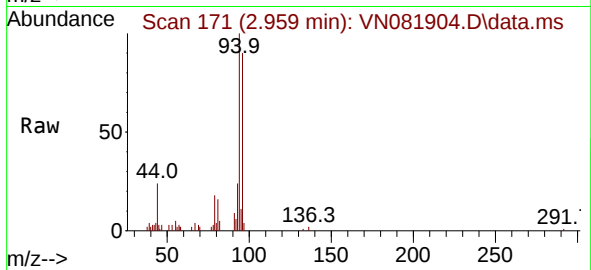
Tgt Ion: 62 Resp: 44934
Ion Ratio Lower Upper
62 100
64 29.3 24.1 36.1





#5
Bromomethane
Concen: 16.707 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

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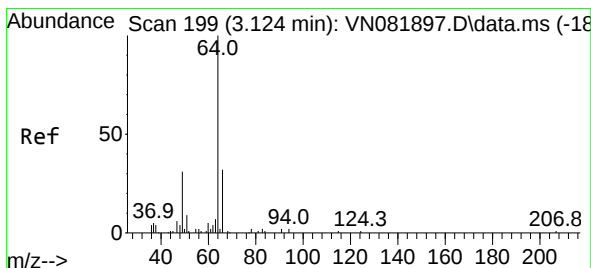
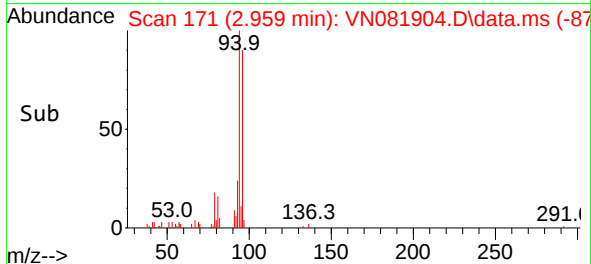
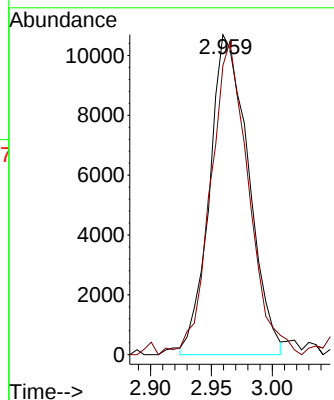


Tgt Ion: 94 Resp: 2374
Ion Ratio Lower Upper
94 100
96 90.1 72.8 109.2

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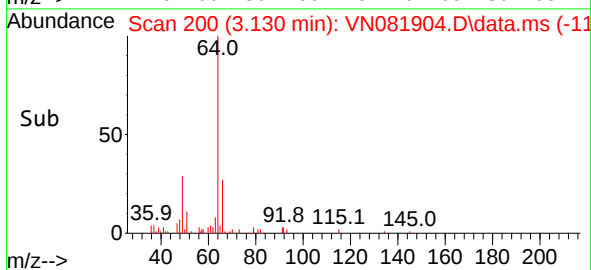
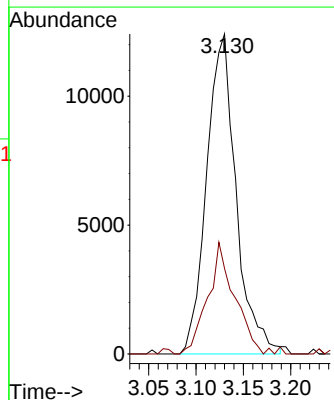
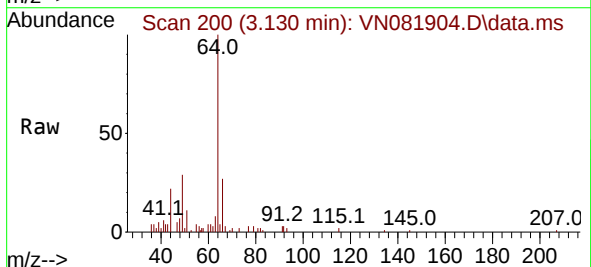
Reviewed By :John
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04/30/2024

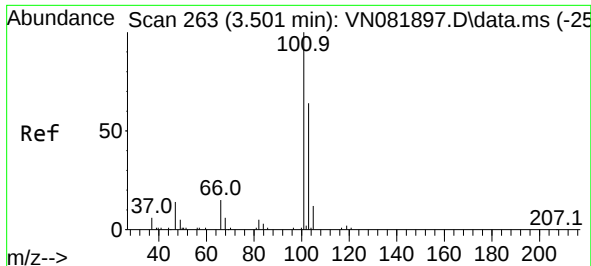
Supervised By :Mahesh
Dadoda
04/30/2024



#6
Chloroethane
Concen: 17.403 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Tgt Ion: 64 Resp: 26839
Ion Ratio Lower Upper
64 100
66 26.7 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 17.206 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN081904.D
 Acq: 29 Apr 2024 10:42

Instrument :

MSVOA_N

ClientSampleId :

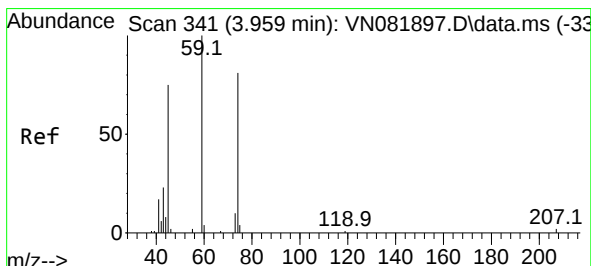
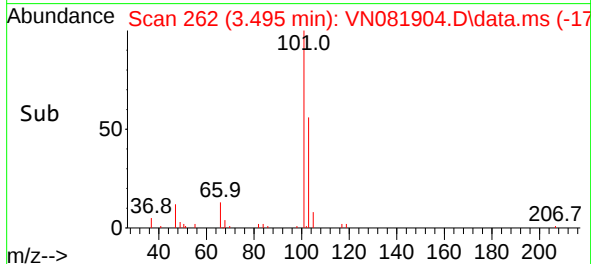
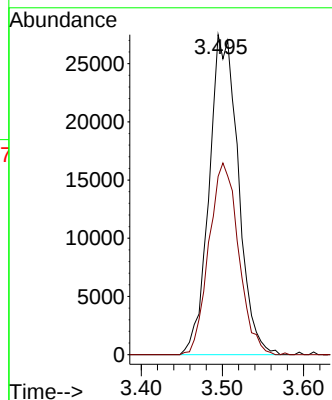
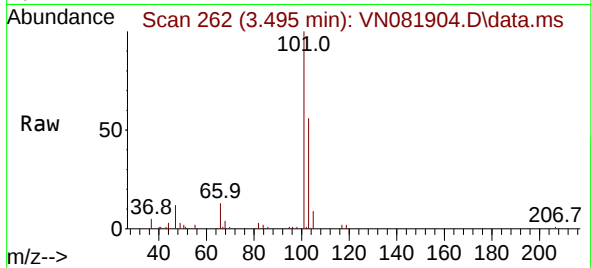
VN0429WBSD01

Tgt Ion:101 Resp: 6857
 Ion Ratio Lower Upper
 101 100
 103 55.7 53.0 79.4

Manual Integrations
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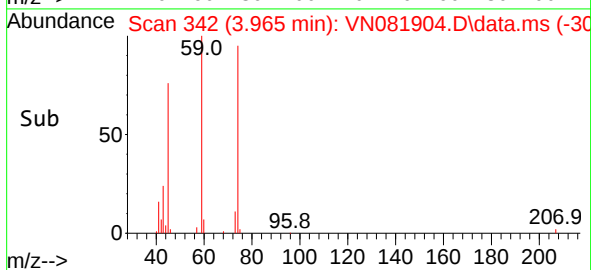
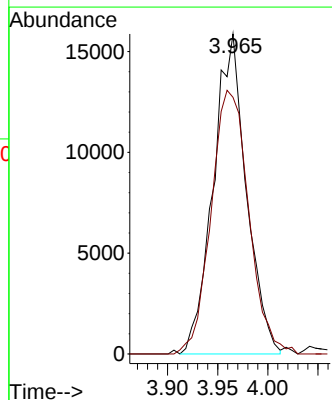
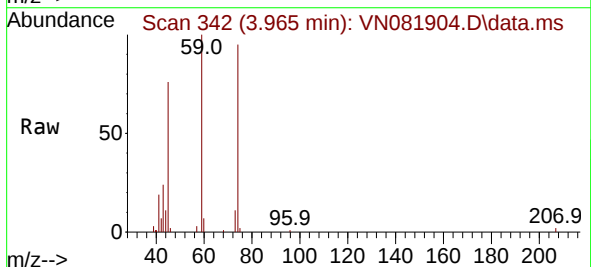
Reviewed By :John
 Carlone
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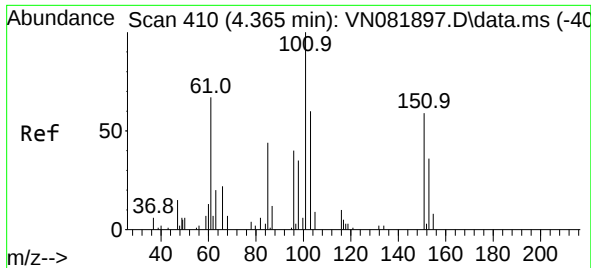
Supervised By :Mahesh
 Dadoda
 04/30/2024



#8
 Diethyl Ether
 Concen: 18.881 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN081904.D
 Acq: 29 Apr 2024 10:42

Tgt Ion: 74 Resp: 36426
 Ion Ratio Lower Upper
 74 100
 45 93.8 16.4 147.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.011 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

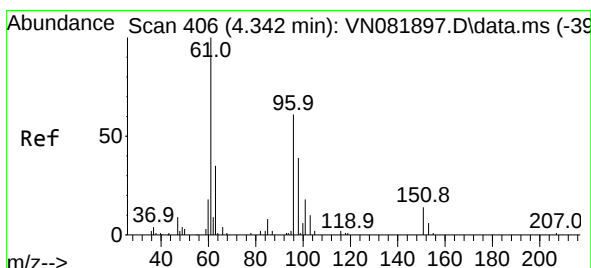
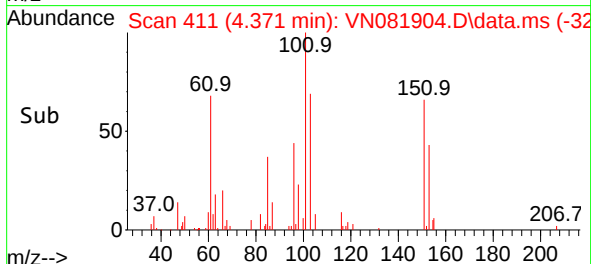
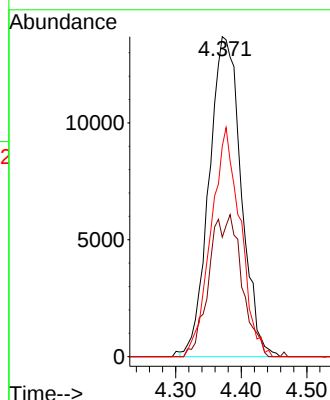
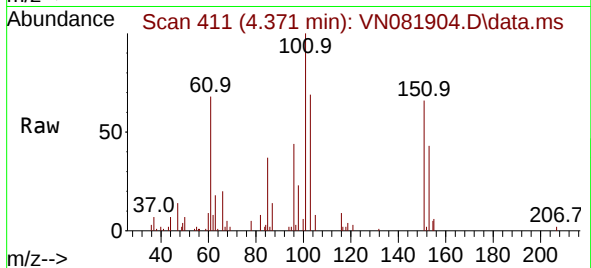
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tgt Ion:101 Resp: 46475
Ion Ratio Lower Upper
101 100
85 24.3 0.0 90.6
151 65.3 0.0 157.6

Manual Integrations
APPROVED

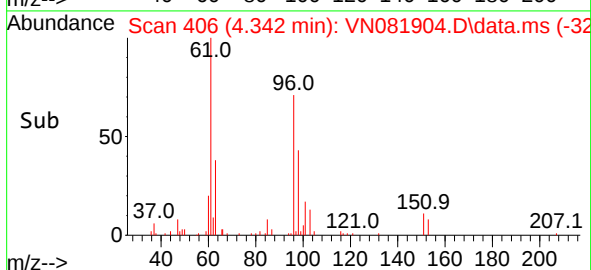
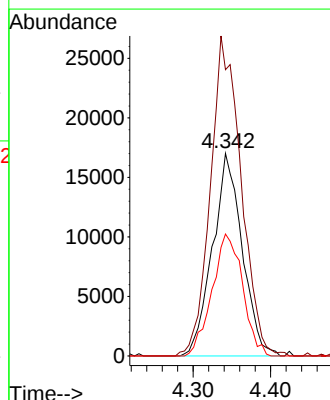
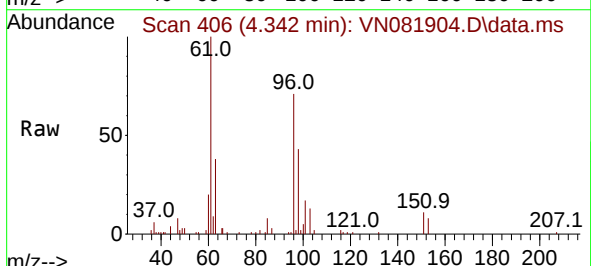
Reviewed By :John
Carlone
04/30/2024

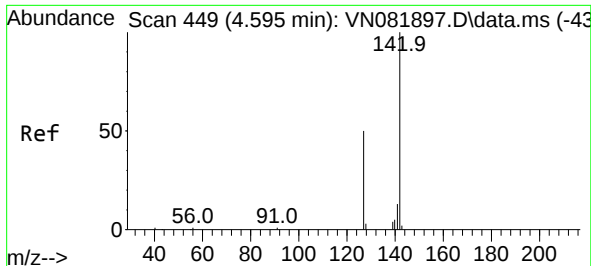
Supervised By :Mahesh
Dadoda
04/30/2024



#10
1,1-Dichloroethene
Concen: 16.940 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

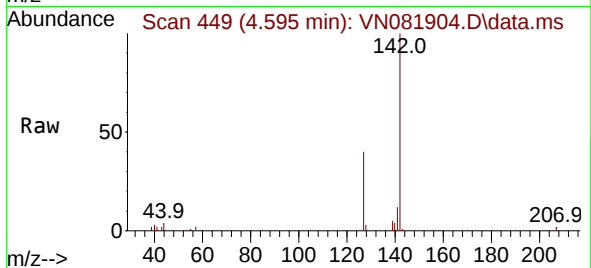
Tgt Ion: 96 Resp: 45278
Ion Ratio Lower Upper
96 100
61 139.5 117.6 176.4
98 60.2 48.4 72.6





#11
Methyl Iodide
Concen: 17.682 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

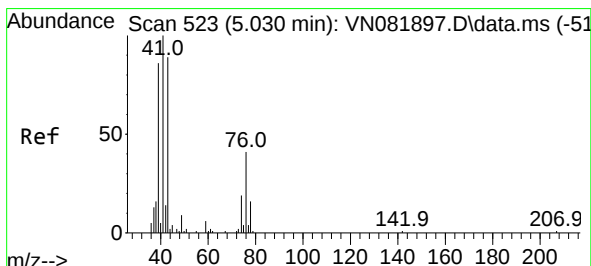
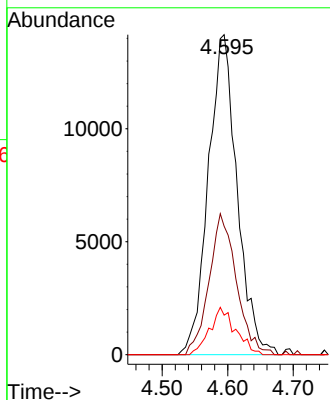
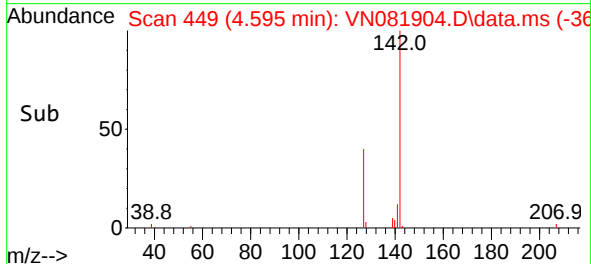


Tgt Ion:142 Resp: 4319
Ion Ratio Lower Upper
142 100
127 40.2 26.3 78.9
141 12.4 8.3 24.9

Manual Integrations
APPROVED

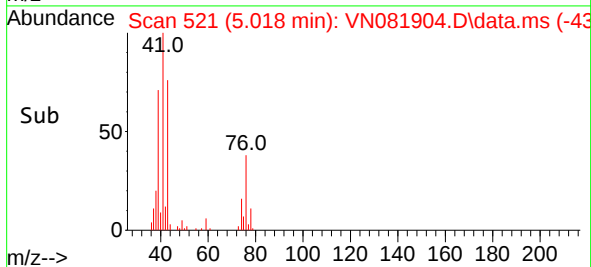
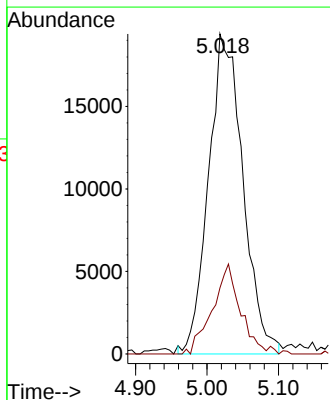
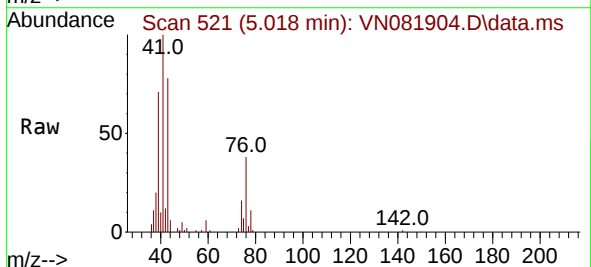
Reviewed By :John
Carlone
04/30/2024

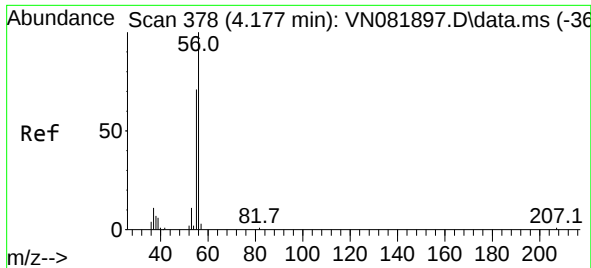
Supervised By :Mahesh
Dadoda
04/30/2024



#12
Methyl Acetate
Concen: 19.327 ug/l m
RT: 5.018 min Scan# 521
Delta R.T. -0.012 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Tgt Ion: 43 Resp: 64683
Ion Ratio Lower Upper
43 100
74 20.6 27.7 41.5#





#13

Acrolein

Concen: 93.022 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN081904.D

Acq: 29 Apr 2024 10:42

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01

Tgt Ion: 56 Resp: 6616

Ion Ratio Lower Upper

56 100

55 69.9 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John

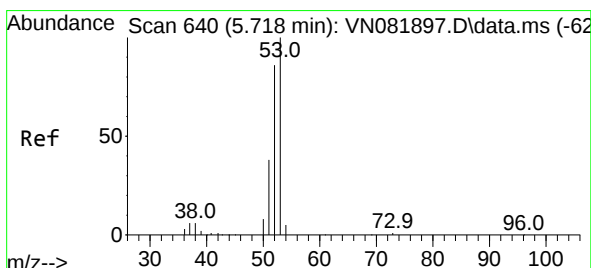
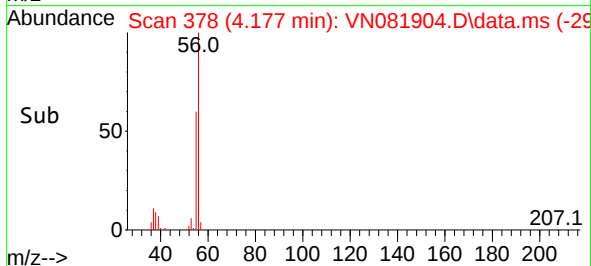
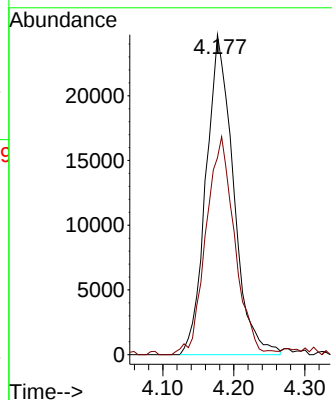
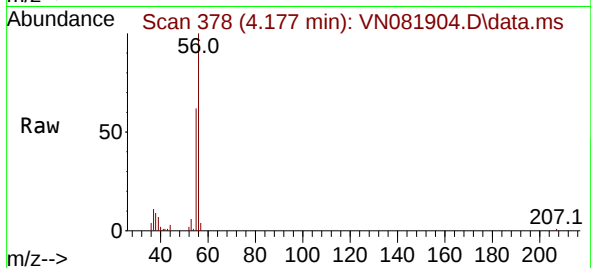
Carlone

04/30/2024

Supervised By :Mahesh

Dadoda

04/30/2024



#14

Acrylonitrile

Concen: 92.831 ug/l

RT: 5.718 min Scan# 640

Delta R.T. -0.000 min

Lab File: VN081904.D

Acq: 29 Apr 2024 10:42

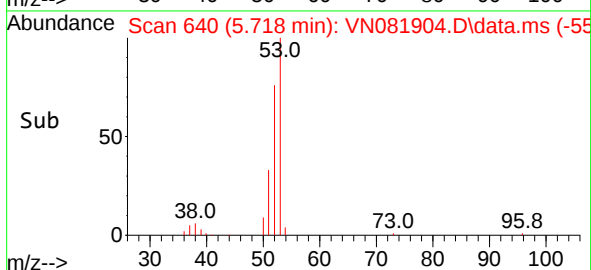
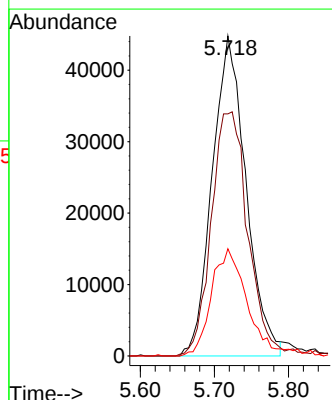
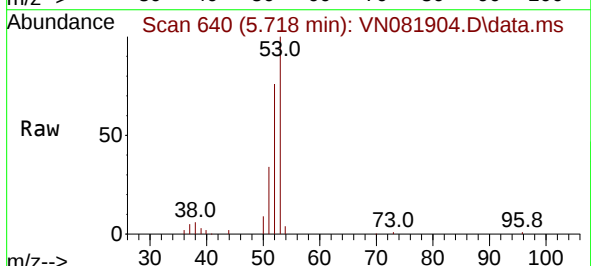
Tgt Ion: 53 Resp: 141797

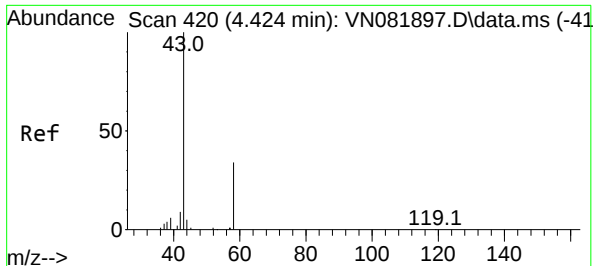
Ion Ratio Lower Upper

53 100

52 81.7 41.3 123.9

51 34.4 16.8 50.3





#15
Acetone
Concen: 95.872 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

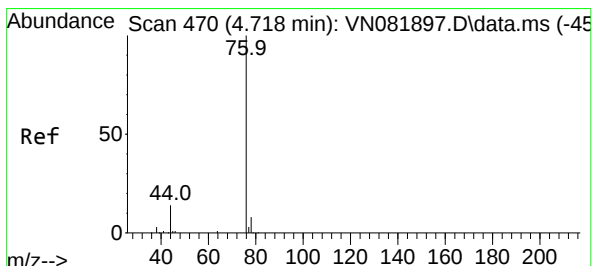
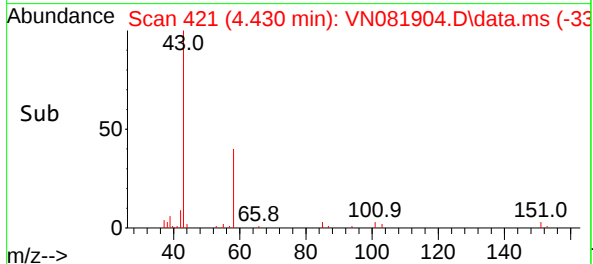
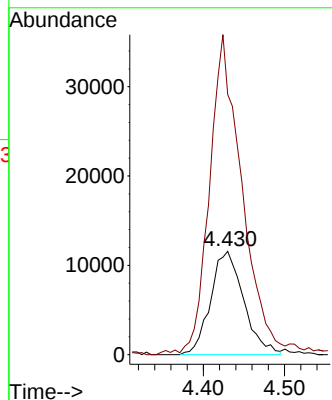
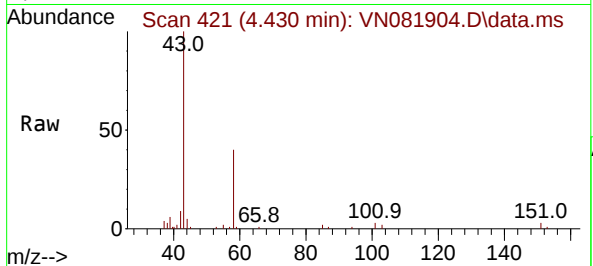
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tgt Ion: 58 Resp: 3281
Ion Ratio Lower Upper
58 100
43 249.8 223.1 334.7

Manual Integrations
APPROVED

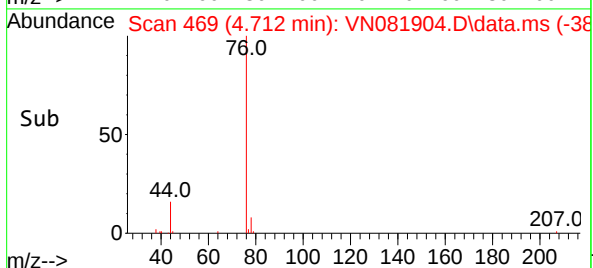
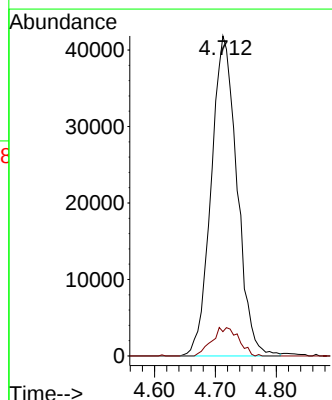
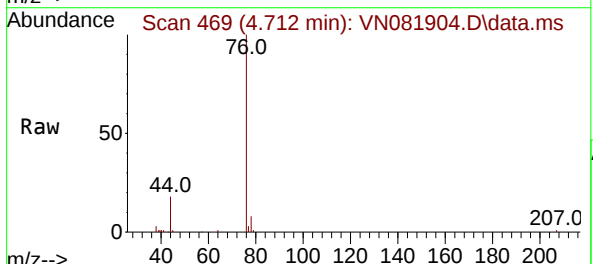
Reviewed By :John
Carlone
04/30/2024

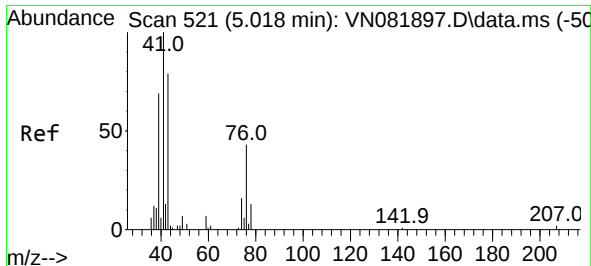
Supervised By :Mahesh
Dadoda
04/30/2024



#16
Carbon Disulfide
Concen: 16.672 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

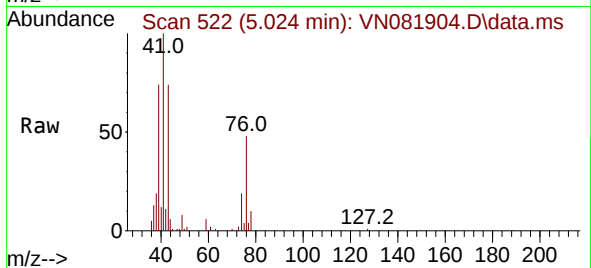
Tgt Ion: 76 Resp: 123460
Ion Ratio Lower Upper
76 100
78 7.6 6.3 9.5





#17
 Allyl chloride
 Concen: 17.455 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN081904.D
 Acq: 29 Apr 2024 10:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBSD01

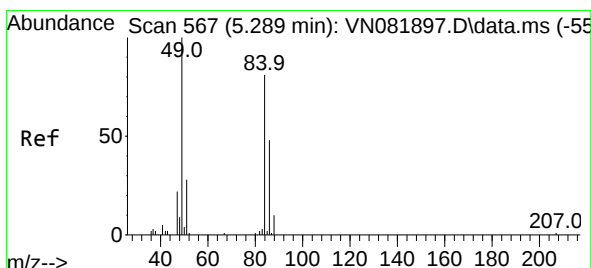
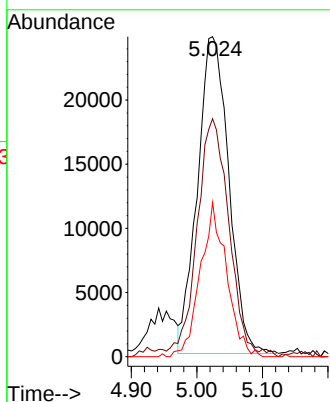


Tgt Ion: 41 Resp: 8191
 Ion Ratio Lower Upper
 41 100
 39 75.1 37.6 112.9
 76 48.7 27.8 83.4

Manual Integrations
 APPROVED

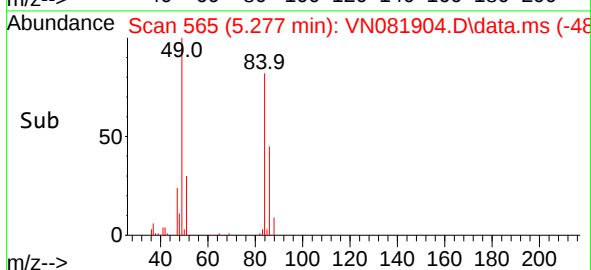
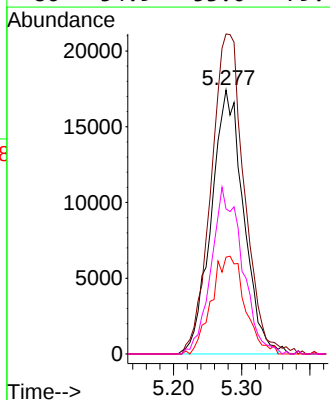
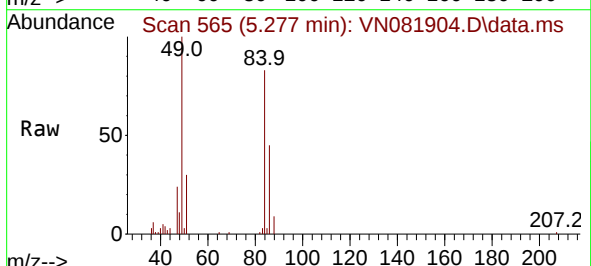
Reviewed By :John
 Carlone
 04/30/2024

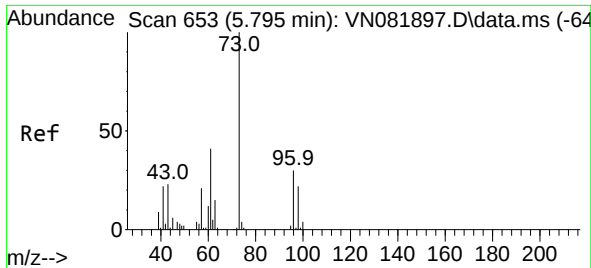
Supervised By :Mahesh
 Dadoda
 04/30/2024



#18
 Methylene Chloride
 Concen: 18.851 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.012 min
 Lab File: VN081904.D
 Acq: 29 Apr 2024 10:42

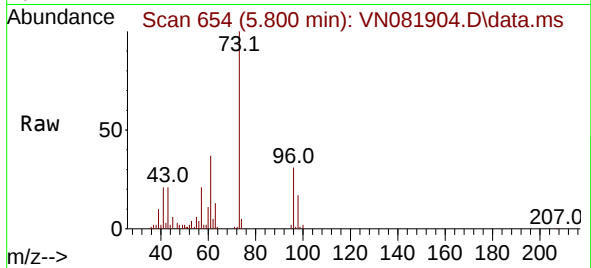
Tgt Ion: 84 Resp: 57330
 Ion Ratio Lower Upper
 84 100
 49 121.2 86.0 129.0
 51 36.7 30.0 45.0
 86 54.9 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 17.716 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

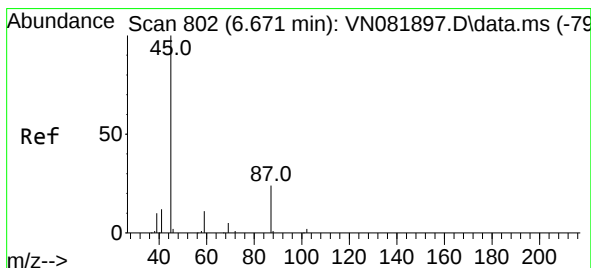
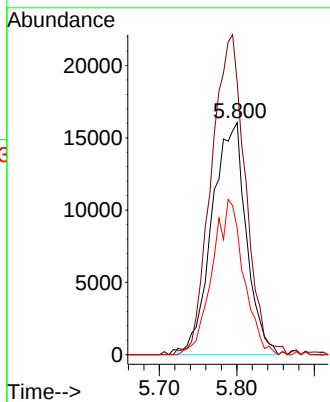
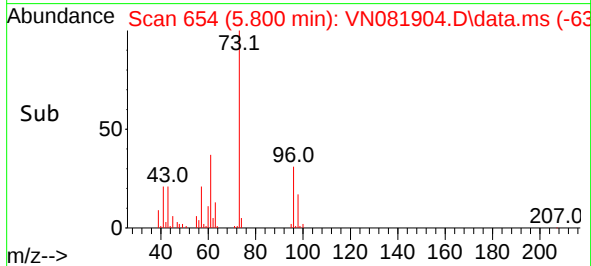


Tgt Ion: 96 Resp: 4928
Ion Ratio Lower Upper
96 100
61 114.4 111.8 167.6
98 54.4 49.2 73.8

Manual Integrations
APPROVED

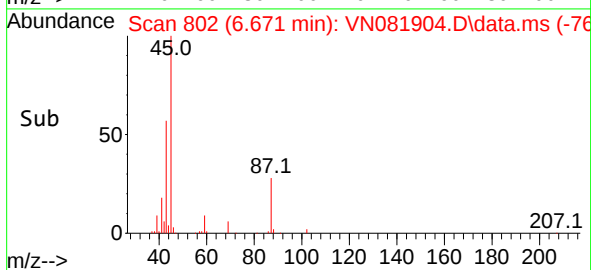
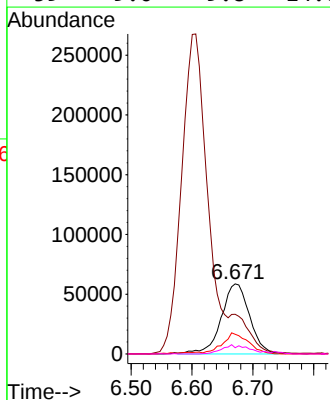
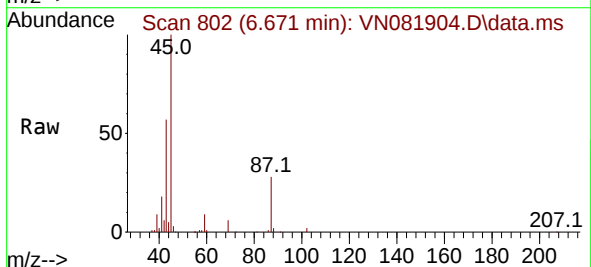
Reviewed By :John
Carlone
04/30/2024

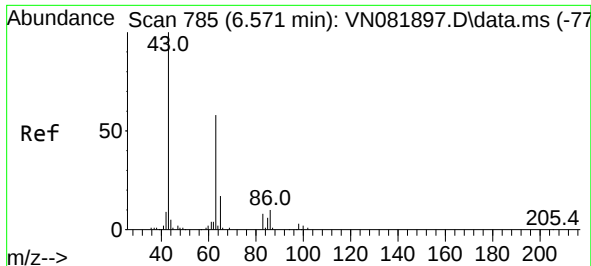
Supervised By :Mahesh
Dadoda
04/30/2024



#20
Diisopropyl ether
Concen: 18.215 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

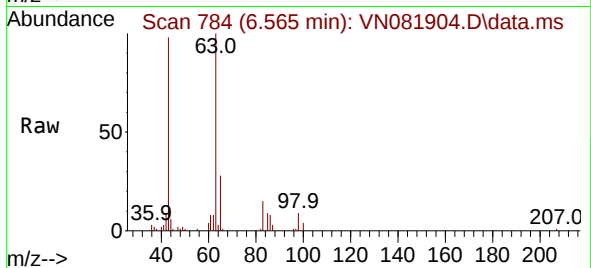
Tgt Ion: 45 Resp: 189119
Ion Ratio Lower Upper
45 100
43 54.9 40.4 60.6
87 28.1 23.8 35.8
59 9.0 9.8 14.6#





#21
1,1-Dichloroethane
Concen: 17.837 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.006 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

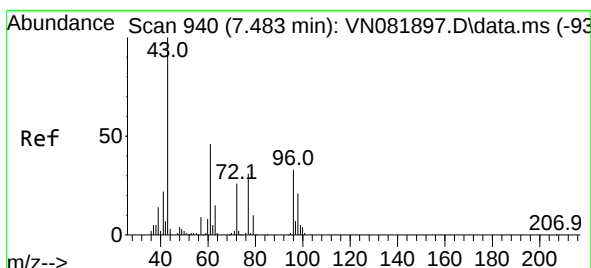
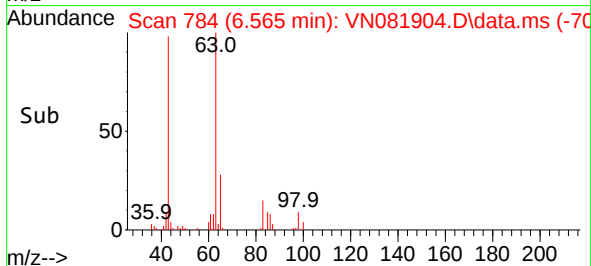
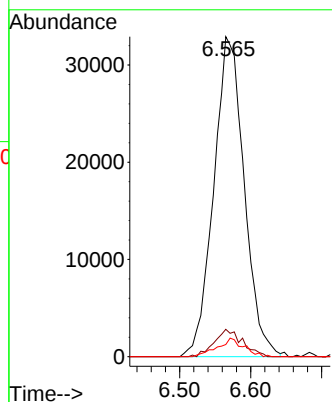


Tgt Ion: 63 Resp: 9805
Ion Ratio Lower Upper
63 100
98 8.6 4.1 12.3
100 3.8 3.0 9.0

Manual Integrations
APPROVED

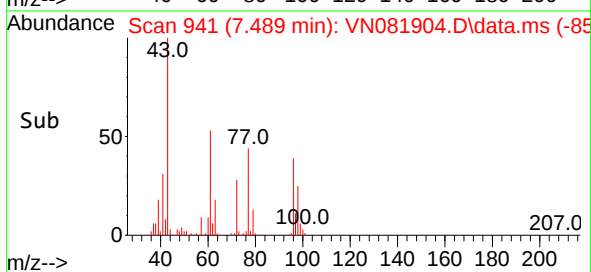
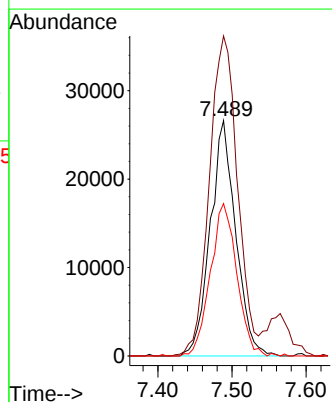
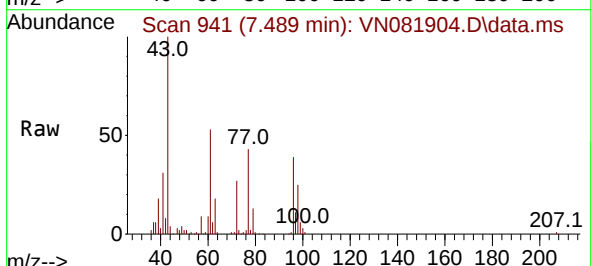
Reviewed By :John
Carlone
04/30/2024

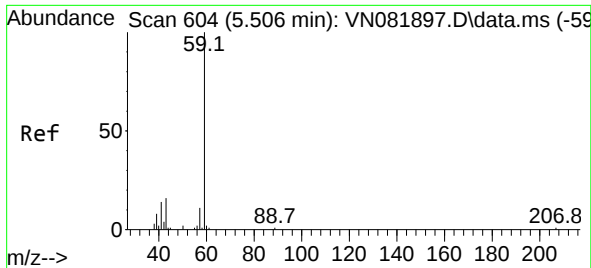
Supervised By :Mahesh
Dadoda
04/30/2024



#22
cis-1,2-Dichloroethene
Concen: 18.736 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

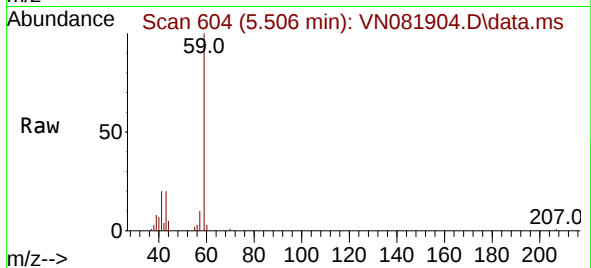
Tgt Ion: 96 Resp: 63522
Ion Ratio Lower Upper
96 100
61 150.5 113.5 170.3
98 67.0 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 90.976 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

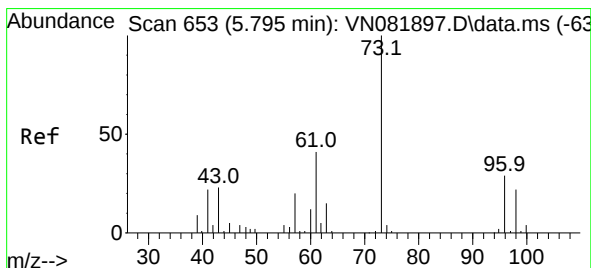
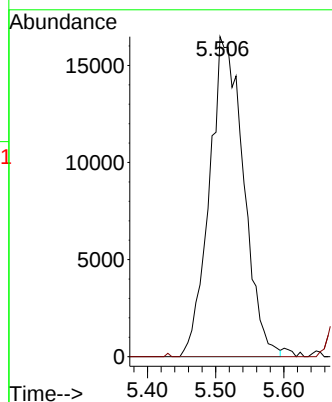


Tgt Ion: 59 Resp: 57240
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

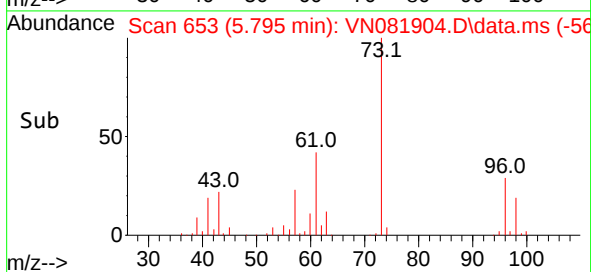
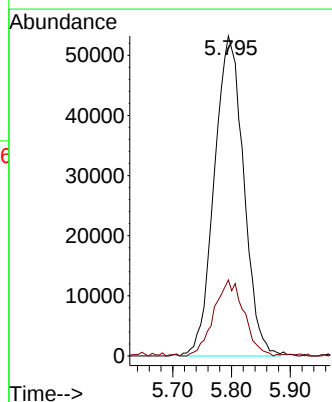
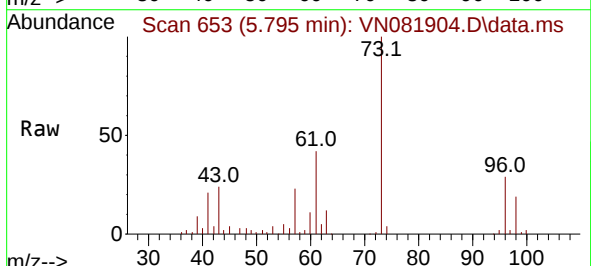
Reviewed By :John
Carlone
04/30/2024

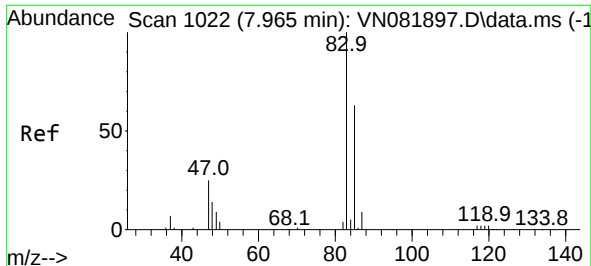
Supervised By :Mahesh
Dadoda
04/30/2024



#24
Methyl tert-Butyl Ether
Concen: 19.152 ug/l
RT: 5.795 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Tgt Ion: 73 Resp: 184554
Ion Ratio Lower Upper
73 100
43 24.4 13.4 20.2#





#25

Chloroform

Concen: 18.405 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN081904.D

Acq: 29 Apr 2024 10:42

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01

Tgt Ion: 83 Resp: 9734

Ion Ratio Lower Upper

83 100

85 65.4 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John

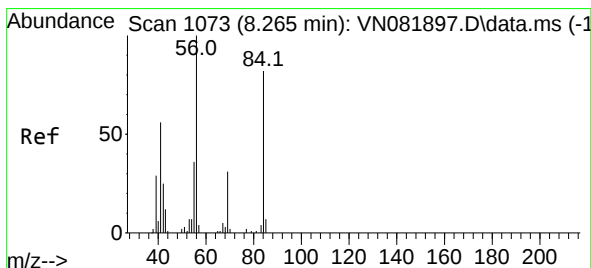
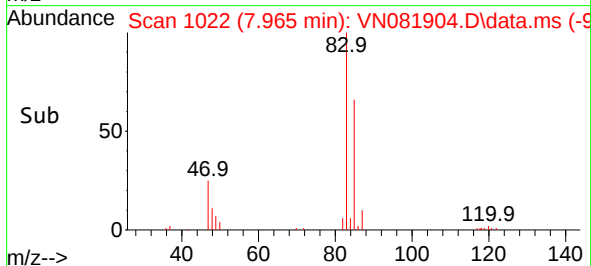
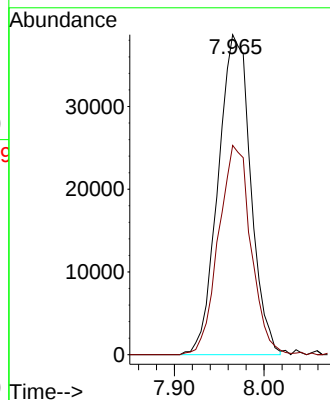
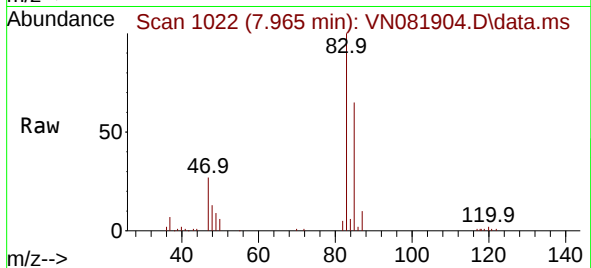
Carlone

04/30/2024

Supervised By :Mahesh

Dadoda

04/30/2024



#26

Cyclohexane

Concen: 17.280 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN081904.D

Acq: 29 Apr 2024 10:42

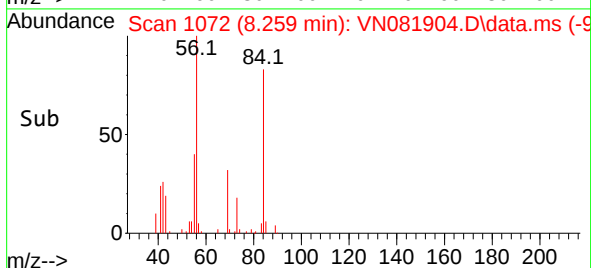
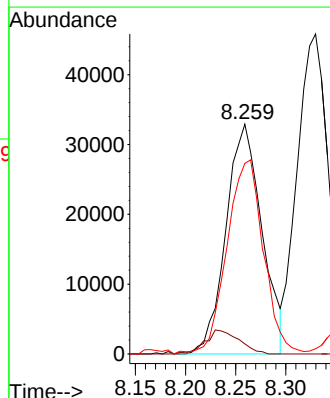
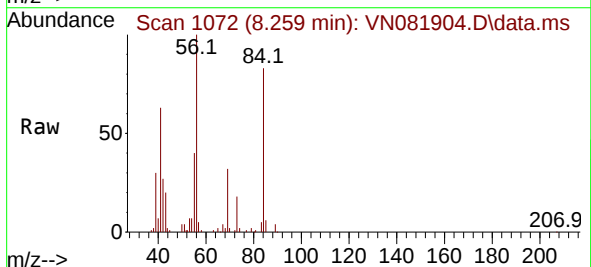
Tgt Ion: 56 Resp: 82149

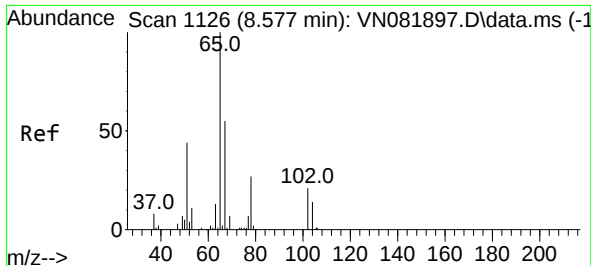
Ion Ratio Lower Upper

56 100

89 9.8 19.3 28.9

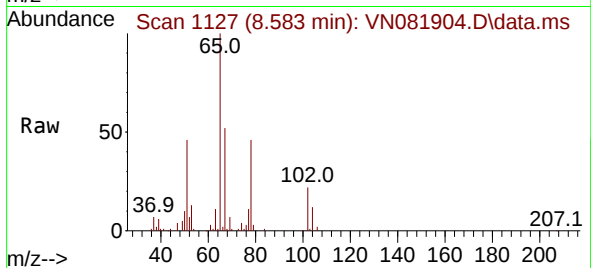
84 85.3 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 30.299 ug/l
RT: 8.583 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

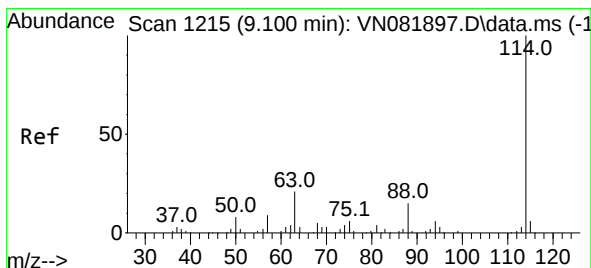
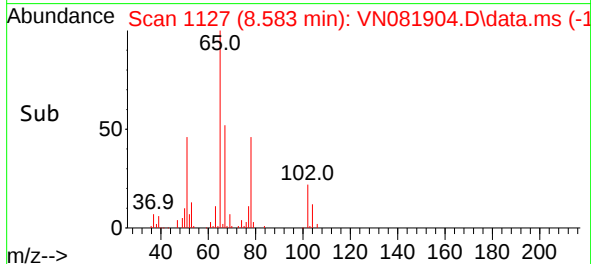
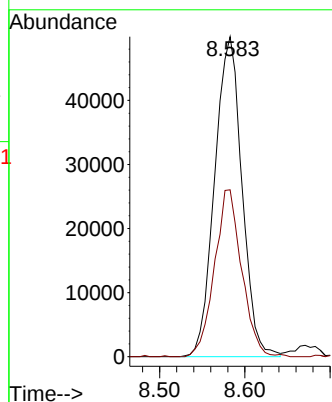
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01



Tgt Ion: 65 Resp: 11109
Ion Ratio Lower Upper
65 100
67 51.8 43.2 64.8

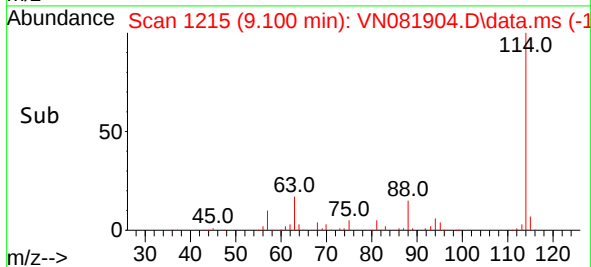
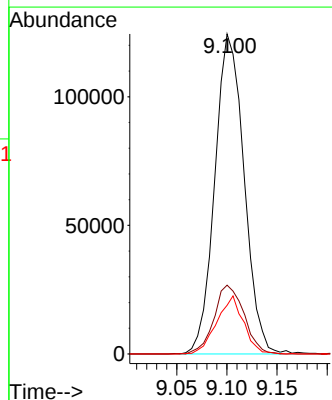
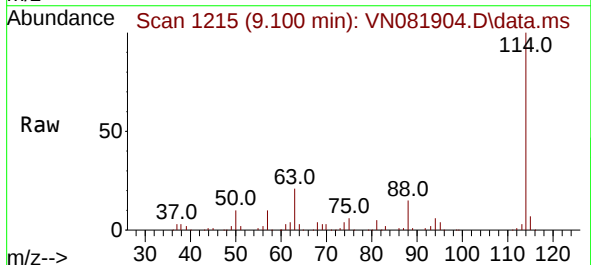
Manual Integrations
APPROVED

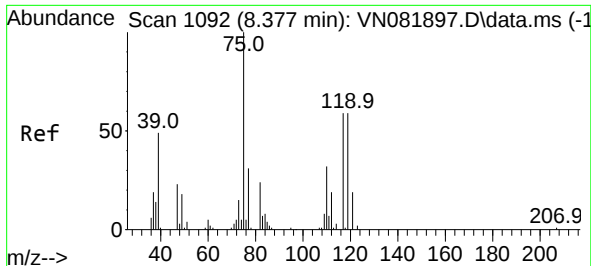
Reviewed By :John
Carlone
04/30/2024
Supervised By :Mahesh
Dadoda
04/30/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

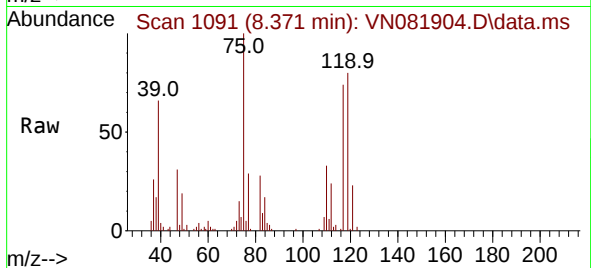
Tgt Ion:114 Resp: 252513
Ion Ratio Lower Upper
114 100
63 22.0 15.9 23.9
88 16.6 12.7 19.1





#29
1,1-Dichloropropene
Concen: 17.228 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

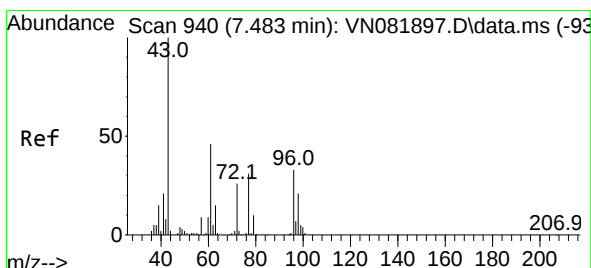
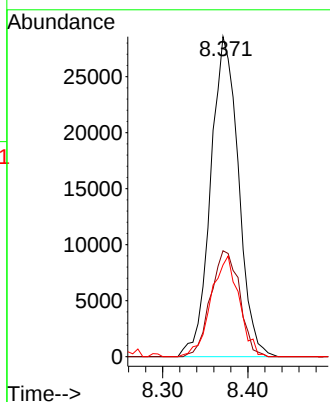
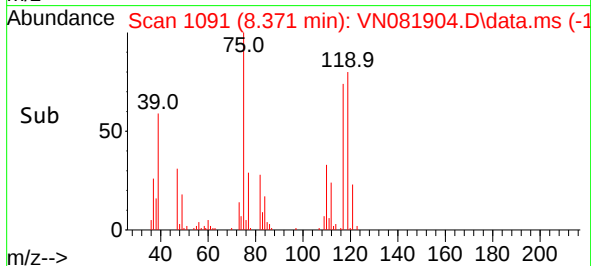


Tgt Ion: 75 Resp: 64764
Ion Ratio Lower Upper
75 100
110 34.4 0.0 70.2
77 31.8 0.0 61.4

Manual Integrations
APPROVED

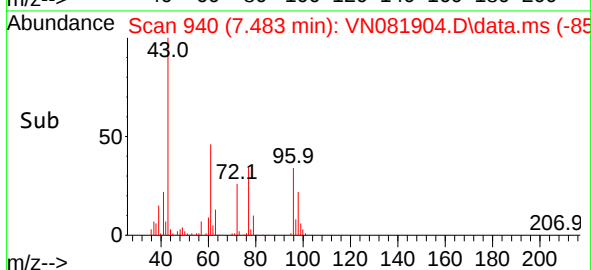
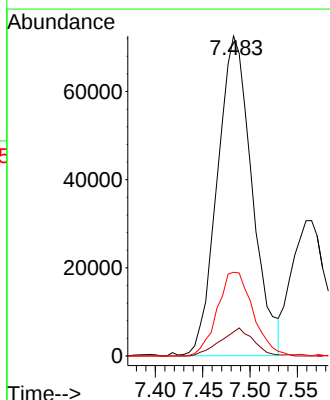
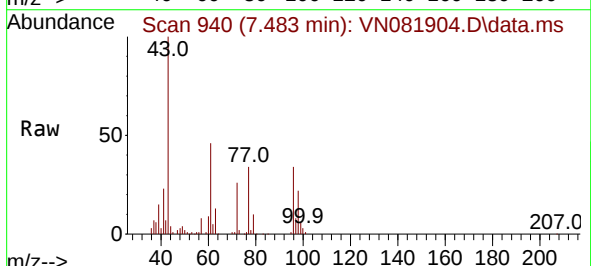
Reviewed By :John
Carlone
04/30/2024

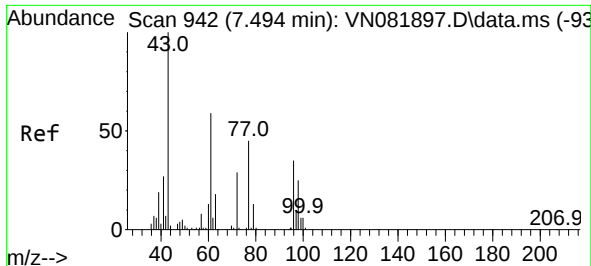
Supervised By :Mahesh
Dadoda
04/30/2024



#30
2-Butanone
Concen: 95.651 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

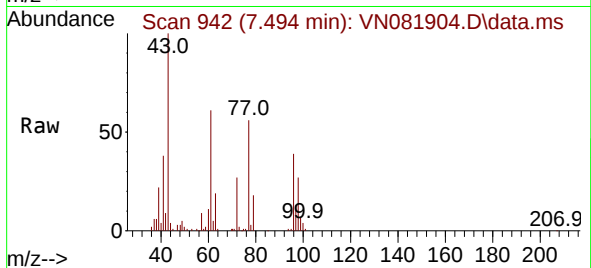
Tgt Ion: 43 Resp: 185354
Ion Ratio Lower Upper
43 100
57 8.2 6.7 10.1
72 26.8 24.0 36.0





#31
2,2-Dichloropropane
Concen: 22.295 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

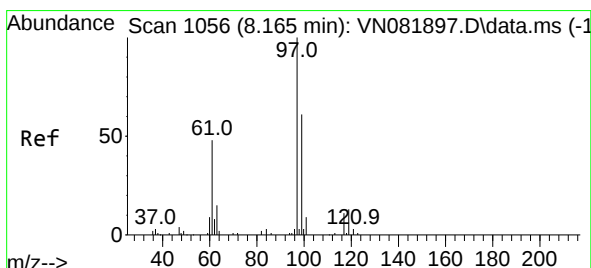
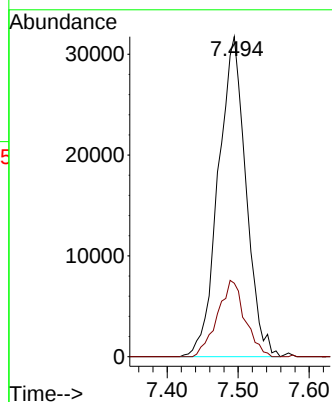
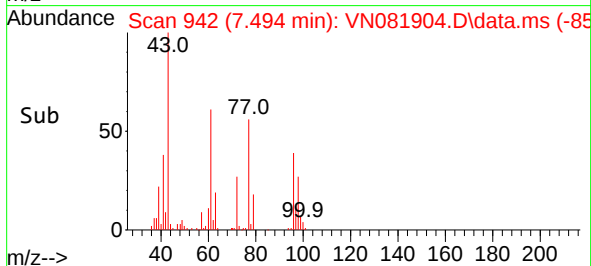


Tgt Ion: 77 Resp: 8589
Ion Ratio Lower Upper
77 100
97 23.7 18.3 27.5

Manual Integrations
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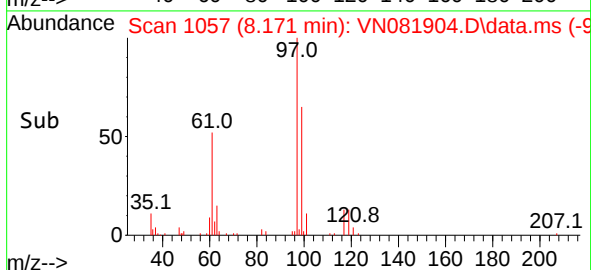
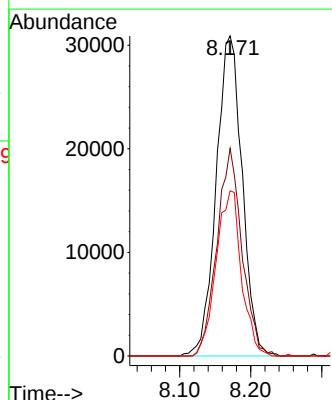
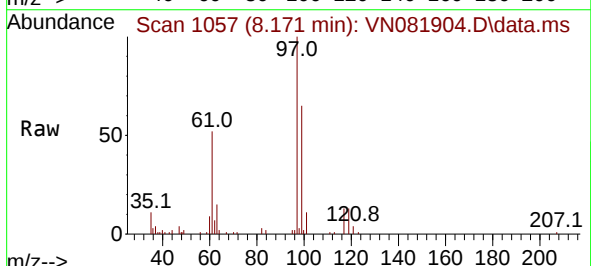
Reviewed By :John
Carlone
04/30/2024

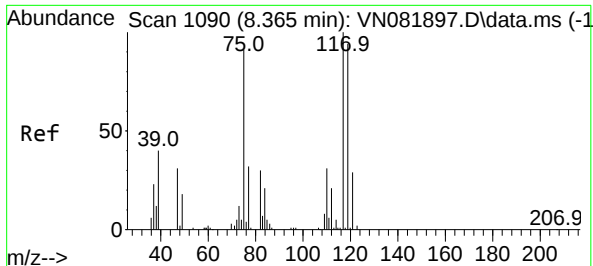
Supervised By :Mahesh
Dadoda
04/30/2024



#32
1,1,1-Trichloroethane
Concen: 18.135 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

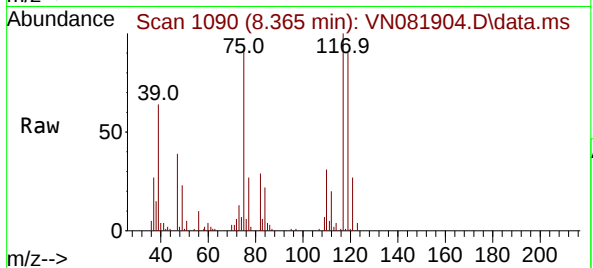
Tgt Ion: 97 Resp: 78408
Ion Ratio Lower Upper
97 100
99 62.3 51.0 76.4
61 50.4 33.8 50.8





#33
Carbon Tetrachloride
Concen: 17.510 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

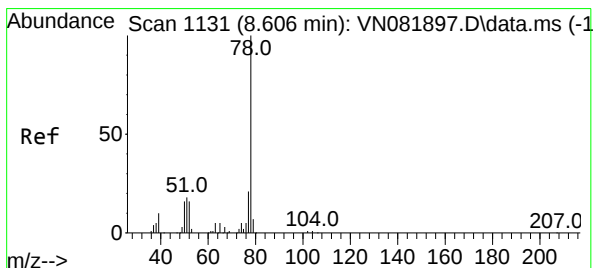
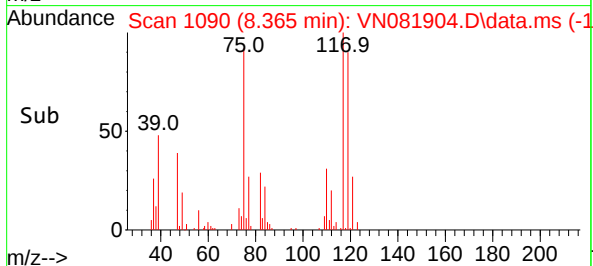
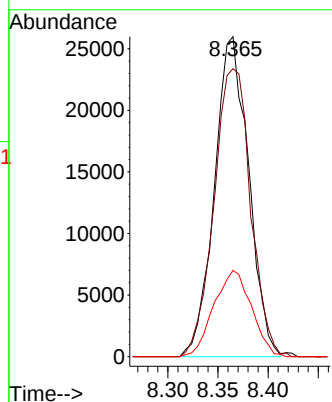


Tgt Ion: 117 Resp: 61440
Ion Ratio Lower Upper
117 100
119 90.0 77.7 116.5
121 27.0 27.0 40.6

Manual Integrations
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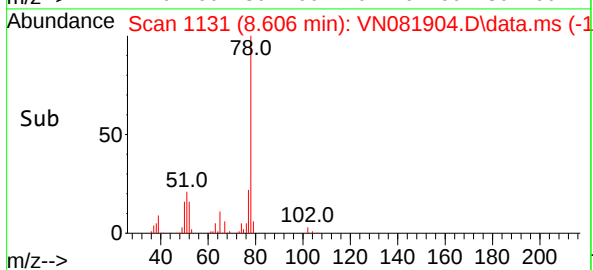
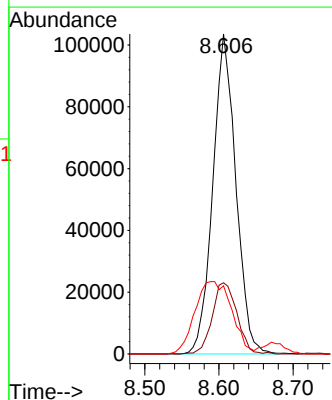
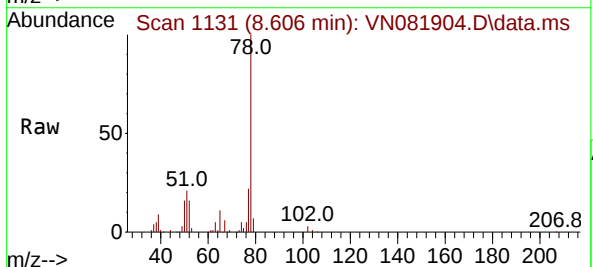
Reviewed By :John
Carlone
04/30/2024

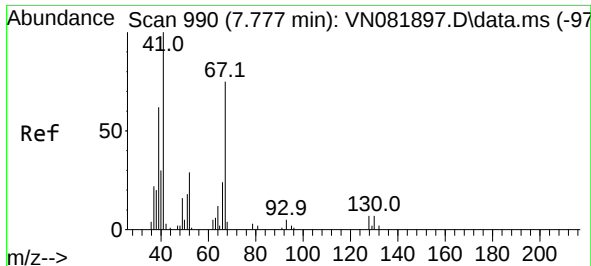
Supervised By :Mahesh
Dadoda
04/30/2024



#34
Benzene
Concen: 18.625 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

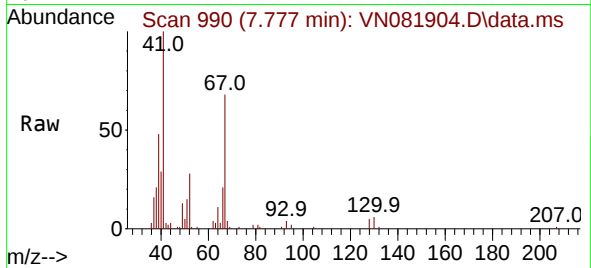
Tgt Ion: 78 Resp: 223371
Ion Ratio Lower Upper
78 100
77 22.3 19.2 28.8
51 19.4 13.3 19.9





#35
Methacrylonitrile
Concen: 19.821 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

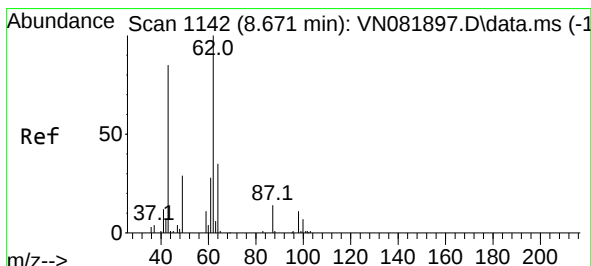
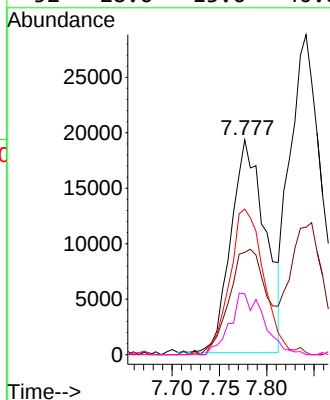
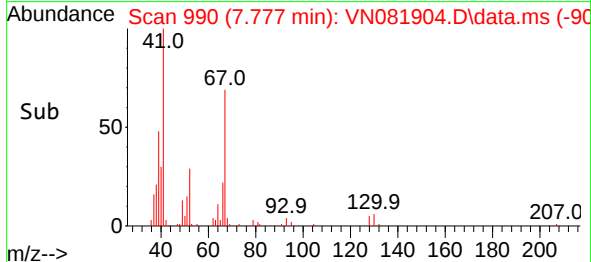


Tgt Ion: 41 Resp: 4859
Ion Ratio Lower Upper
41 100
39 48.1 25.3 75.9
67 68.5 38.7 116.1
52 28.6 13.6 40.8

Manual Integrations
APPROVED

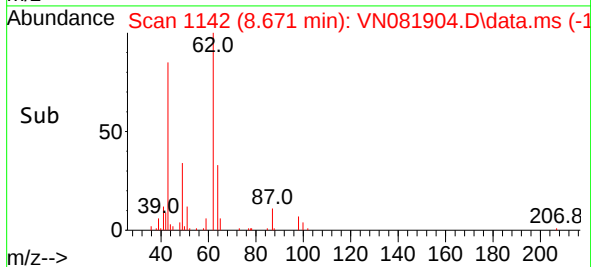
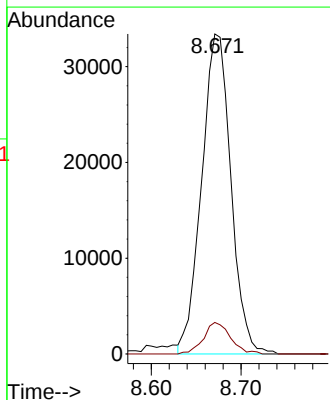
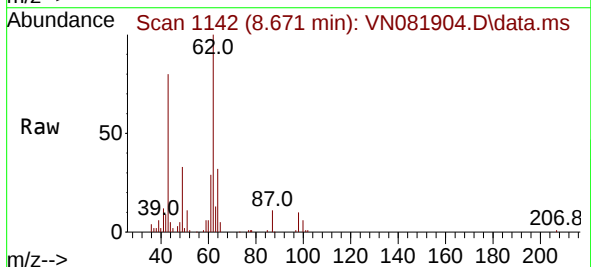
Reviewed By :John
Carlone
04/30/2024

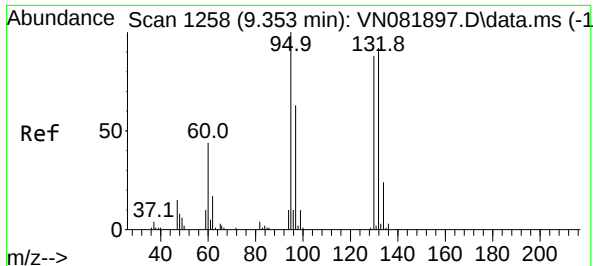
Supervised By :Mahesh
Dadoda
04/30/2024



#36
1,2-Dichloroethane
Concen: 18.807 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Tgt Ion: 62 Resp: 75716
Ion Ratio Lower Upper
62 100
98 8.9 8.2 12.4





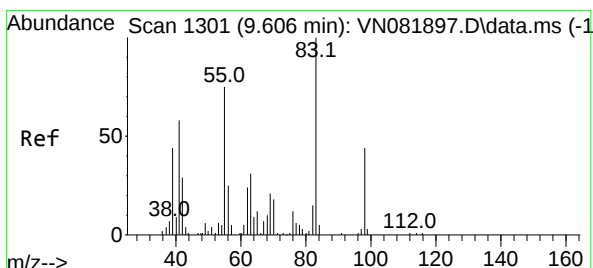
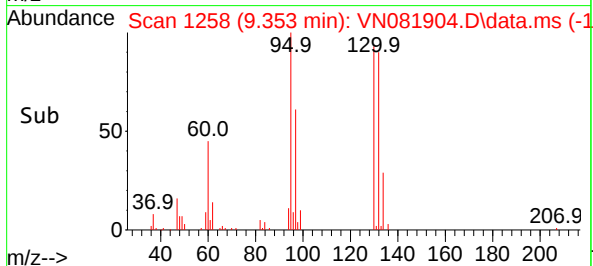
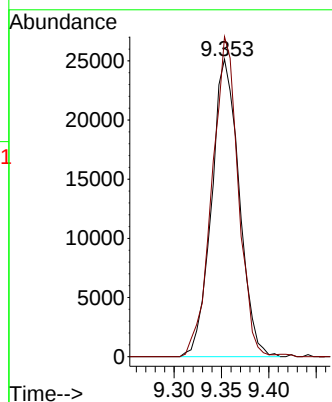
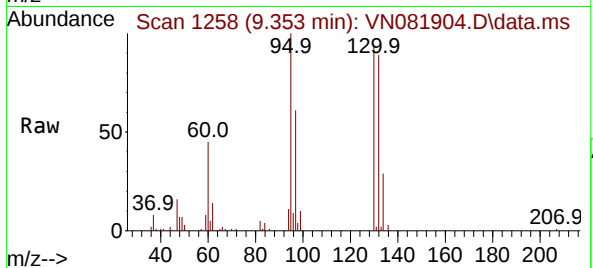
#37
Trichloroethene
Concen: 17.365 ug/l
RT: 9.353 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tgt Ion:130 Resp: 51008
Ion Ratio Lower Upper
130 100
95 107.6 80.2 120.4

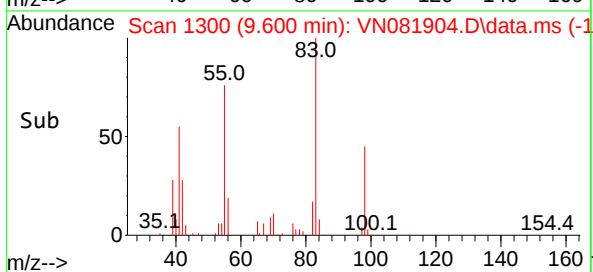
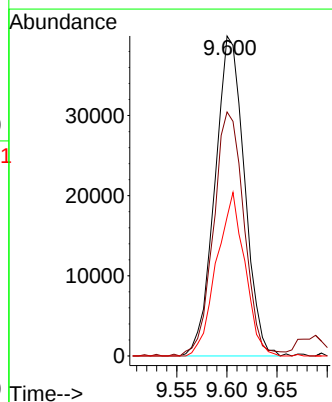
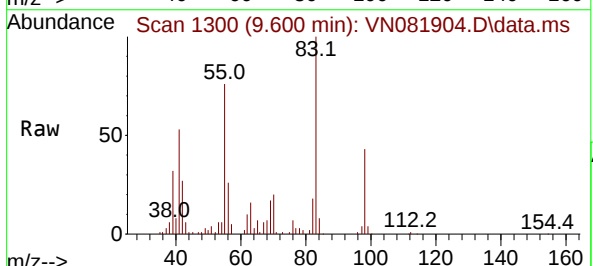
Manual Integrations
APPROVED

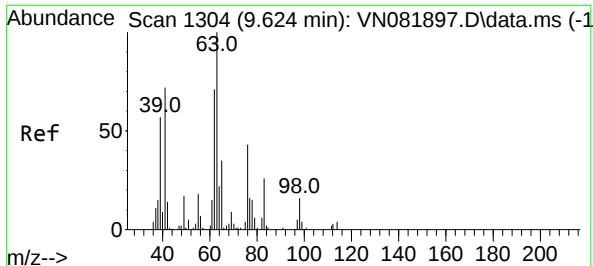
Reviewed By :John
Carlone
04/30/2024
Supervised By :Mahesh
Dadoda
04/30/2024



#38
Methylcyclohexane
Concen: 17.970 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Tgt Ion: 83 Resp: 81608
Ion Ratio Lower Upper
83 100
55 78.6 36.6 109.9
98 49.1 23.8 71.5





#39

1,2-Dichloropropane

Concen: 18.632 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081904.D

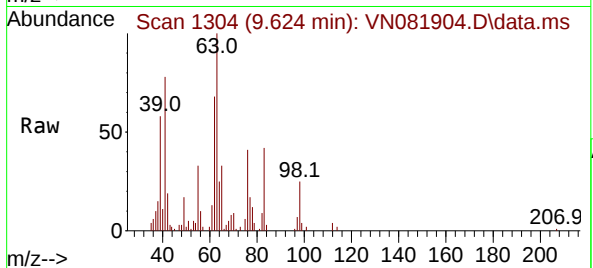
Acq: 29 Apr 2024 10:42

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01



Tgt Ion: 63 Resp: 5733

Ion Ratio Lower Upper

63 100

65 33.3 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John

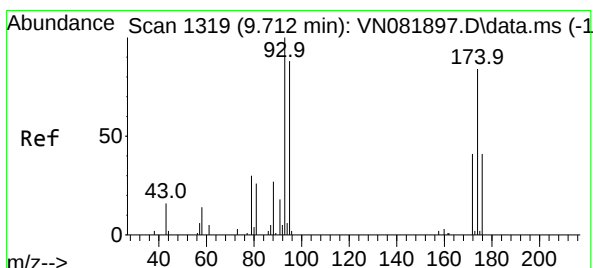
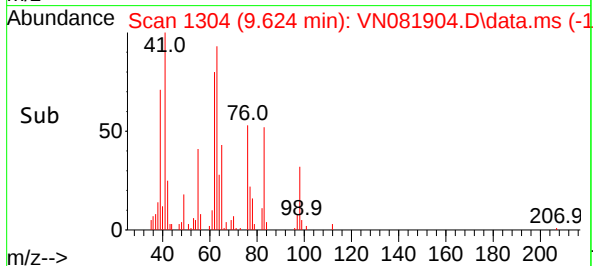
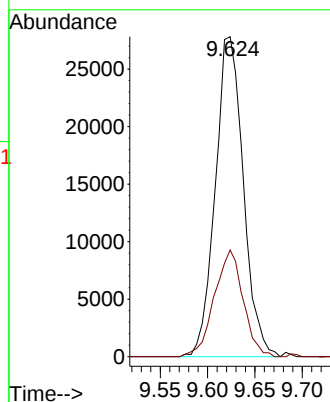
Carlone

04/30/2024

Supervised By :Mahesh

Dadoda

04/30/2024



#40

Dibromomethane

Concen: 18.984 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081904.D

Acq: 29 Apr 2024 10:42

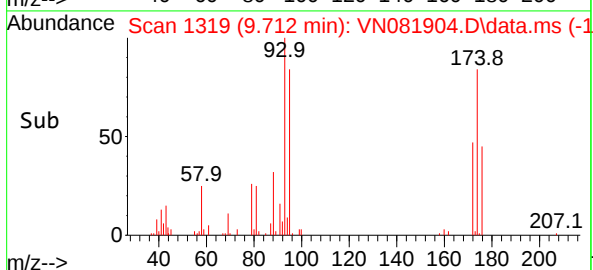
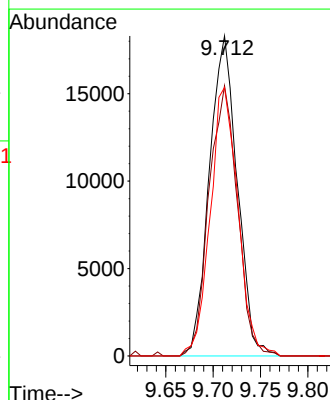
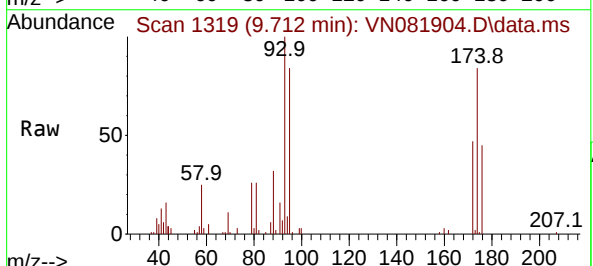
Tgt Ion: 93 Resp: 37530

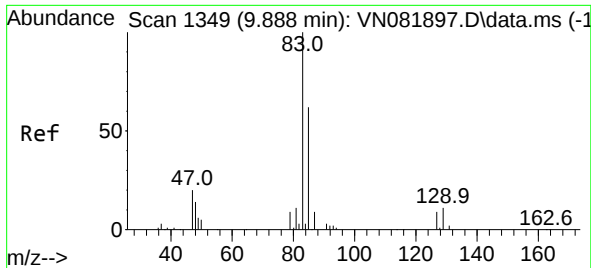
Ion Ratio Lower Upper

93 100

95 85.8 0.0 164.6

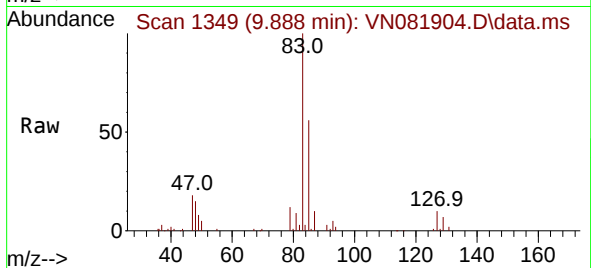
174 83.4 0.0 193.2





#41
Bromodichloromethane
Concen: 19.028 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

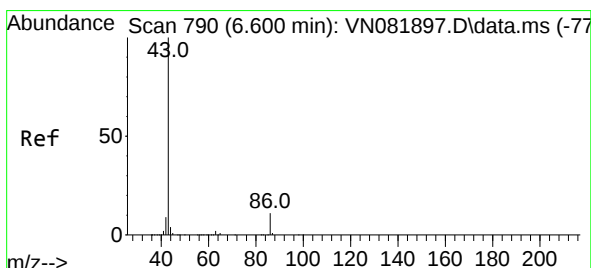
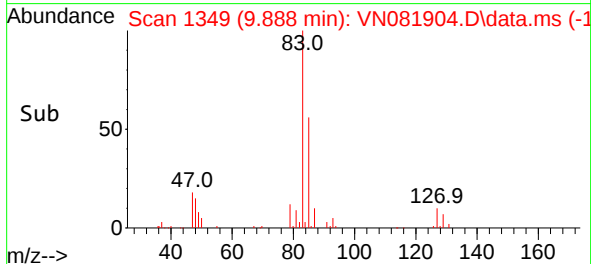
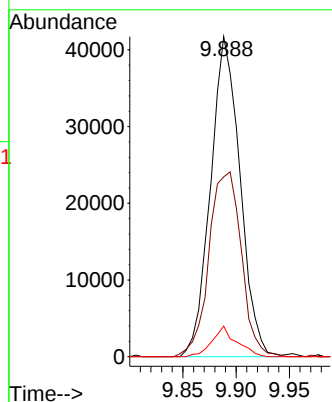


Tgt Ion: 83 Resp: 8040
Ion Ratio Lower Upper
83 100
85 55.7 49.4 74.2
127 9.6 7.3 10.9

Manual Integrations
APPROVED

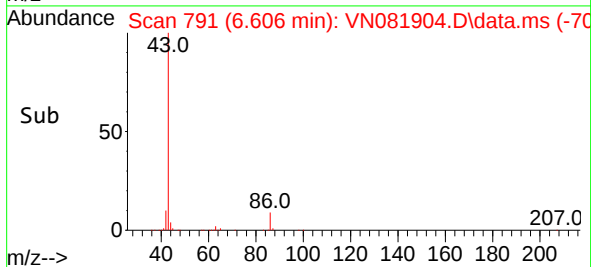
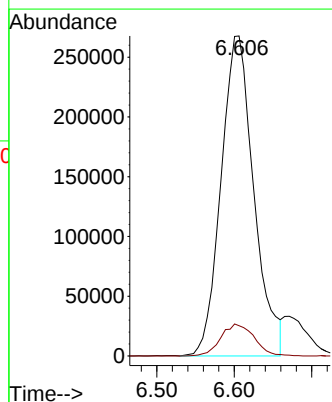
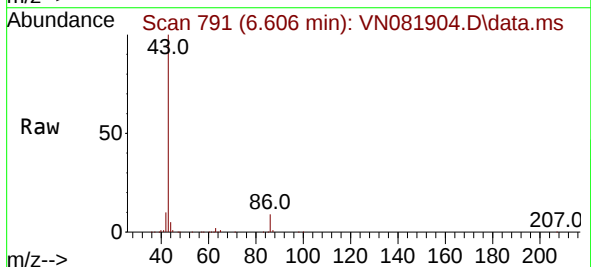
Reviewed By :John
Carlone
04/30/2024

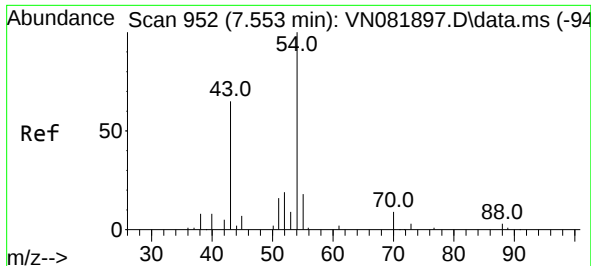
Supervised By :Mahesh
Dadoda
04/30/2024



#42
Vinyl Acetate
Concen: 95.807 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

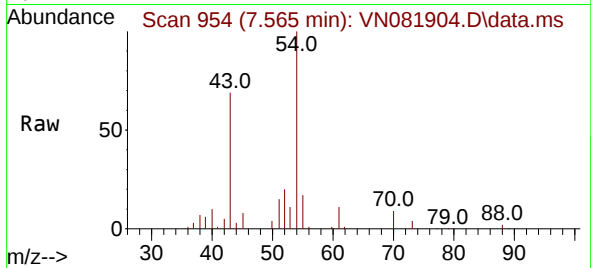
Tgt Ion: 43 Resp: 790213
Ion Ratio Lower Upper
43 100
86 10.1 9.4 14.2





#43
Ethyl Acetate
Concen: 18.542 ug/l
RT: 7.565 min Scan# 914
Delta R.T. 0.012 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

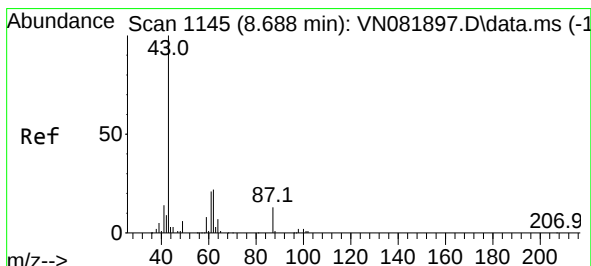
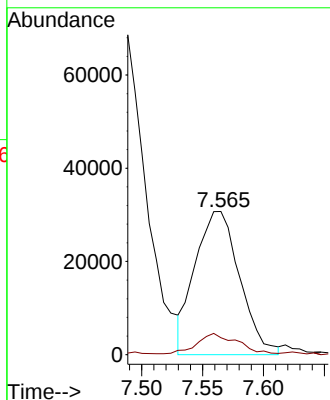
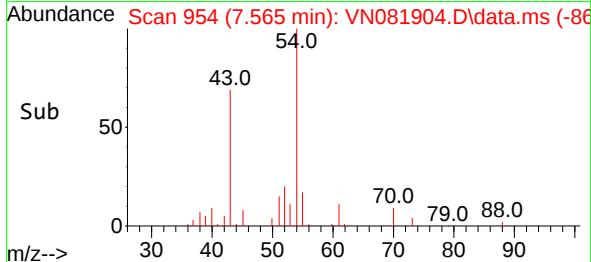


Tgt Ion: 43 Resp: 7834
Ion Ratio Lower Upper
43 100
45 13.9 10.6 15.8

Manual Integrations
APPROVED

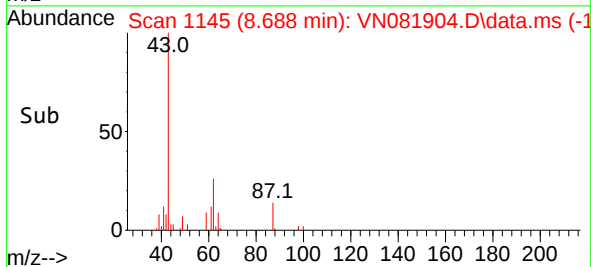
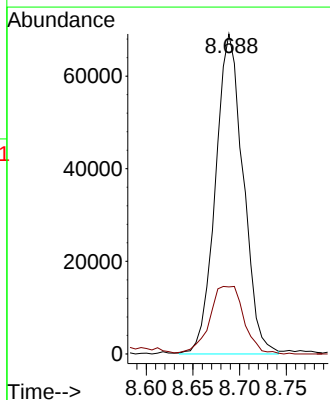
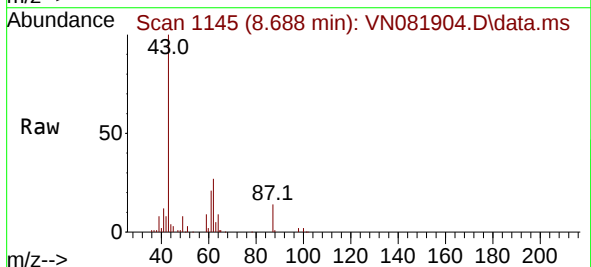
Reviewed By :John
Carlone
04/30/2024

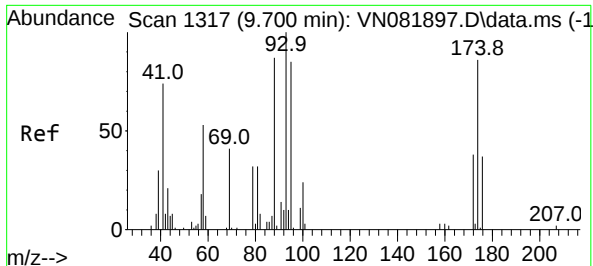
Supervised By :Mahesh
Dadoda
04/30/2024



#44
Isopropyl Acetate
Concen: 19.047 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Tgt Ion: 43 Resp: 142871
Ion Ratio Lower Upper
43 100
61 0.1 25.0 37.4#





#45

1,4-Dioxane

Concen: 382.581 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN081904.D

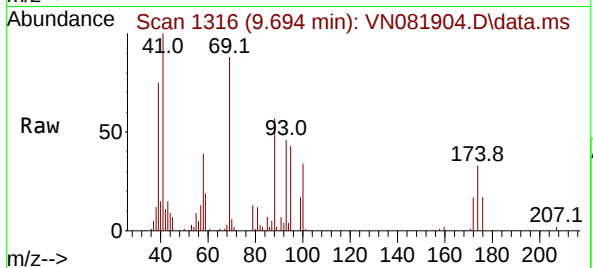
Acq: 29 Apr 2024 10:42

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01



Tgt Ion: 88	Resp: 23014
Ion Ratio	Lower Upper
88	100
43	31.2 19.8 29.6
58	75.2 55.4 83.0

Manual Integrations
APPROVED

Reviewed By :John

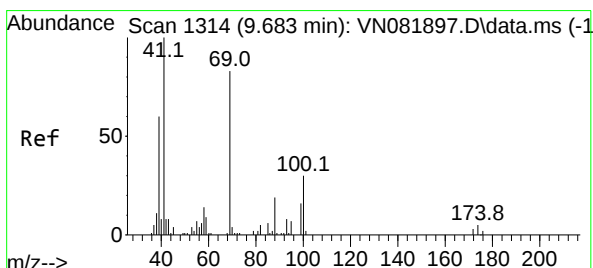
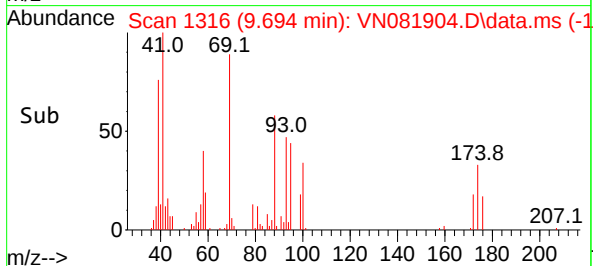
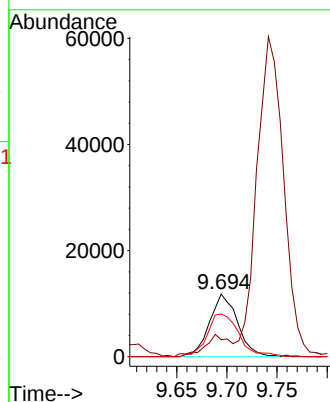
Carlone

04/30/2024

Supervised By :Mahesh

Dadoda

04/30/2024



#46

Methyl methacrylate

Concen: 18.775 ug/l

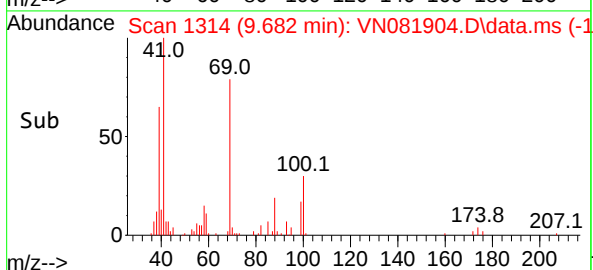
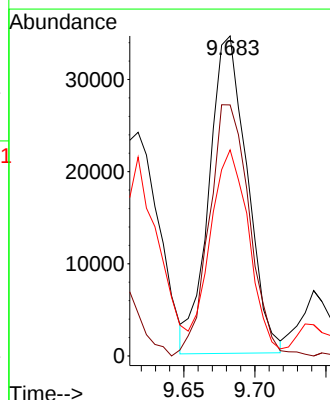
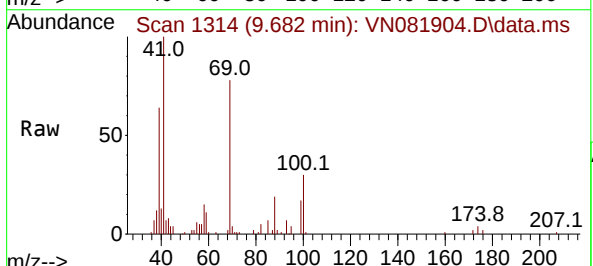
RT: 9.682 min Scan# 1314

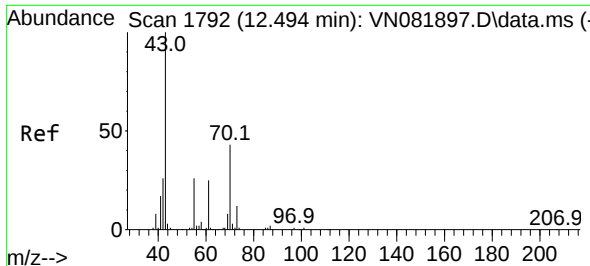
Delta R.T. -0.000 min

Lab File: VN081904.D

Acq: 29 Apr 2024 10:42

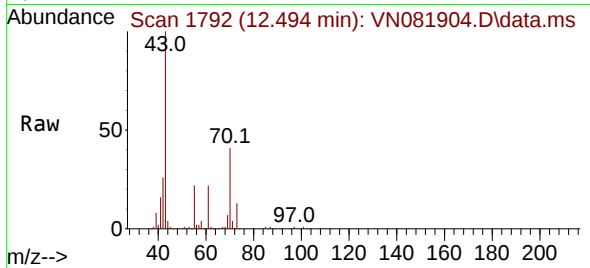
Tgt Ion: 41	Resp: 64338
Ion Ratio	Lower Upper
41	100
69	80.6 51.1 153.3
39	65.2 25.8 77.3





#47
n-amy1 Acetate
Concen: 19.285 ug/l m
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

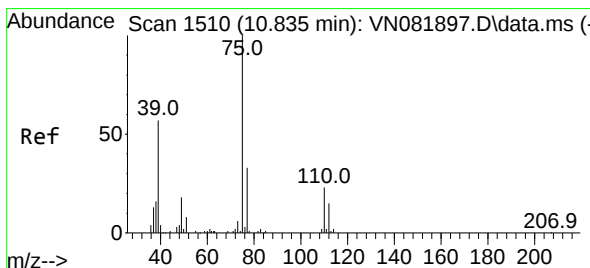
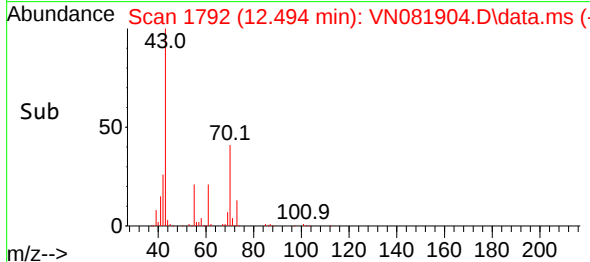
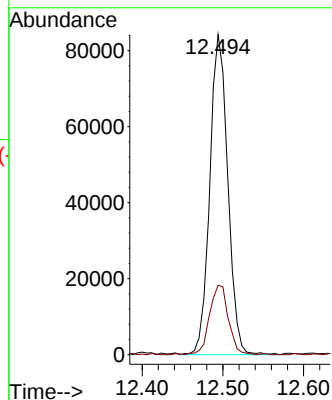


Tgt Ion: 43 Resp: 130473
Ion Ratio Lower Upper
43 100
55 0.1 23.4 35.2

Manual Integrations
APPROVED

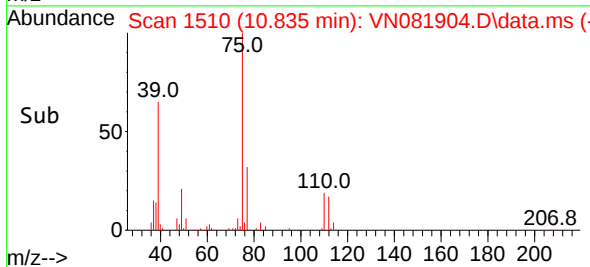
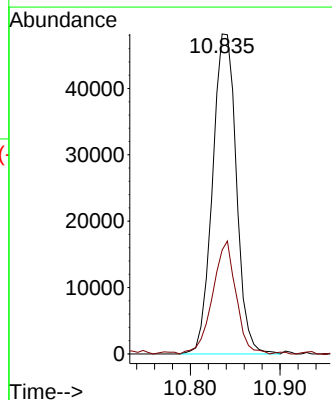
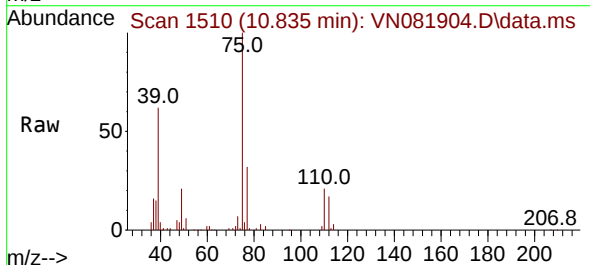
Reviewed By :John
Carlone
04/30/2024

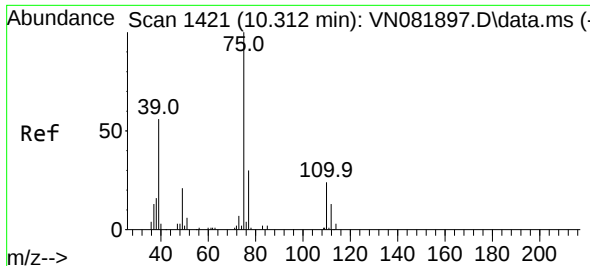
Supervised By :Mahesh
Dadoda
04/30/2024



#48
t-1,3-Dichloropropene
Concen: 19.401 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

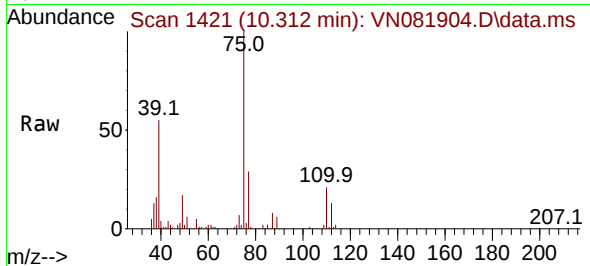
Tgt Ion: 75 Resp: 88898
Ion Ratio Lower Upper
75 100
77 32.4 23.8 35.6





#49
cis-1,3-Dichloropropene
Concen: 20.165 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

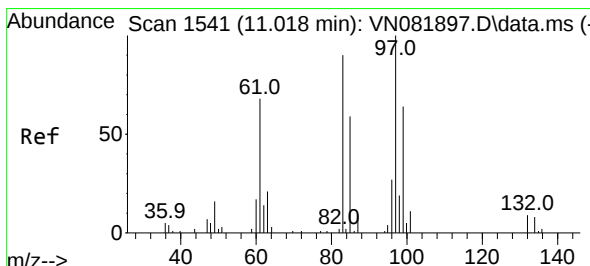
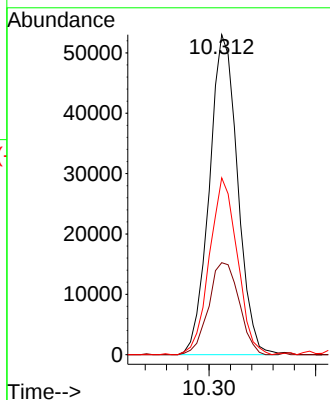
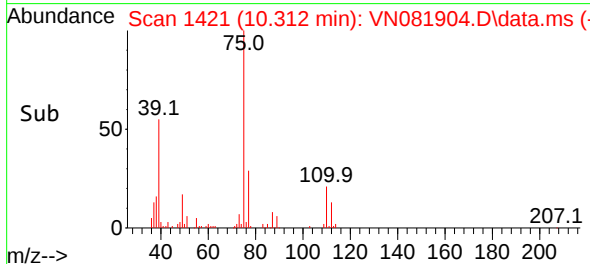


Tgt Ion:	75	Resp:	97692
Ion Ratio	100	Lower	Upper
75	100		
77	28.7	24.9	37.3
39	55.2	31.0	46.6

Manual Integrations
APPROVED

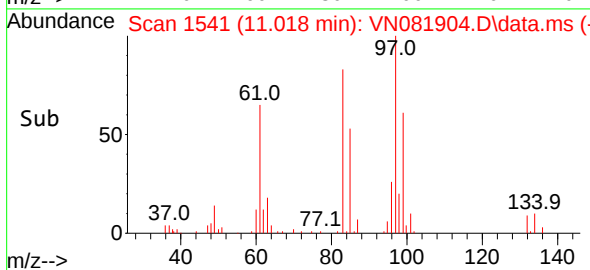
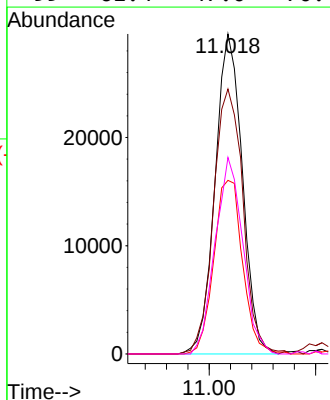
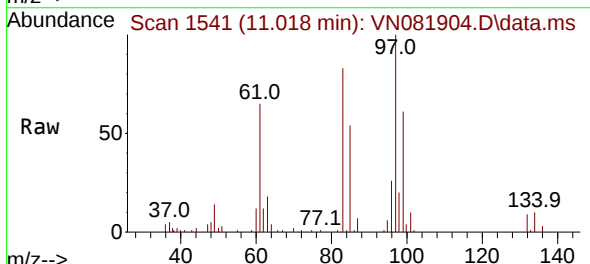
Reviewed By :John
Carlone
04/30/2024

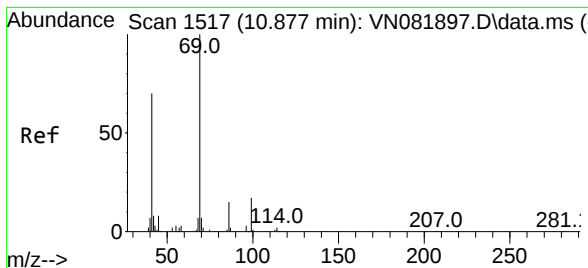
Supervised By :Mahesh
Dadoda
04/30/2024



#50
1,1,2-Trichloroethane
Concen: 19.568 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

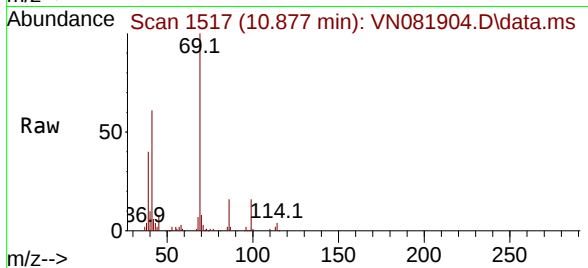
Tgt Ion:	97	Resp:	52483
Ion Ratio	100	Lower	Upper
97	100		
83	82.8	68.1	102.1
85	54.3	41.8	62.6
99	61.4	47.0	70.4





#51
Ethyl methacrylate
Concen: 19.428 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

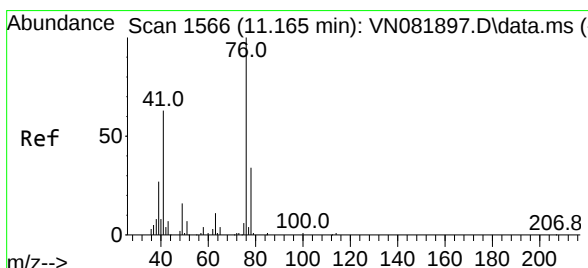
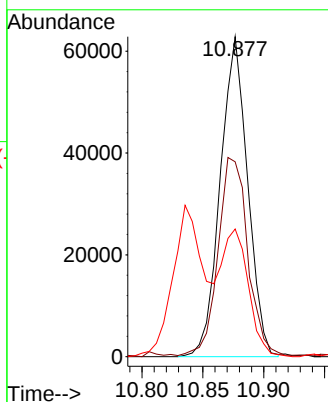
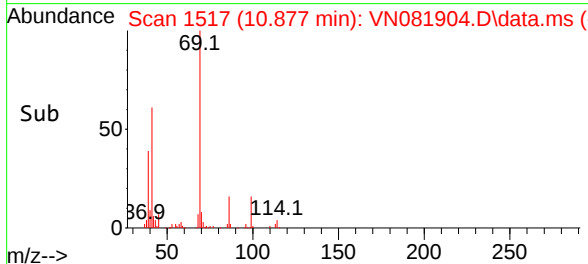


Tgt Ion: 69 Resp: 98345
Ion Ratio Lower Upper
69 100
41 60.6 25.5 76.5
39 39.3 16.0 47.9

Manual Integrations
APPROVED

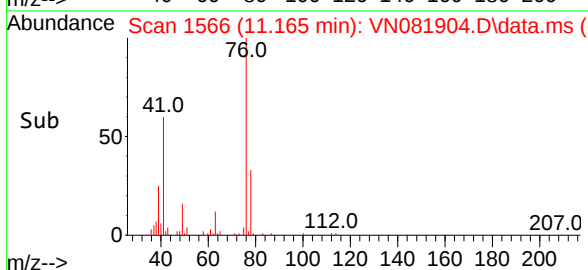
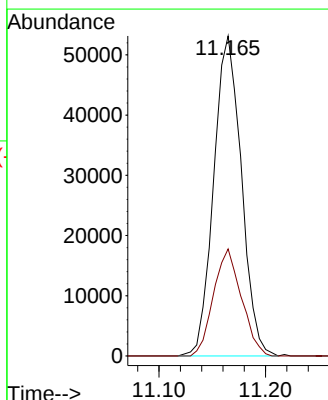
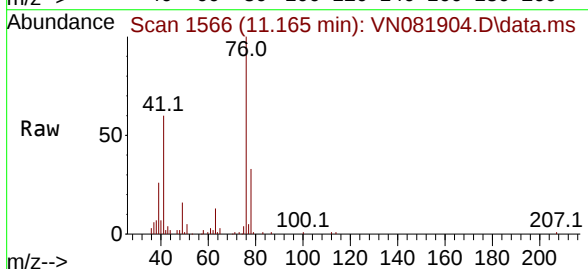
Reviewed By :John
Carlone
04/30/2024

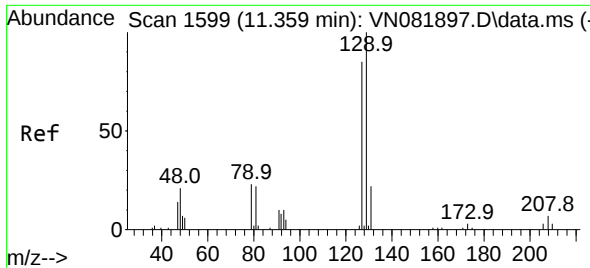
Supervised By :Mahesh
Dadoda
04/30/2024



#52
1,3-Dichloropropane
Concen: 19.427 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

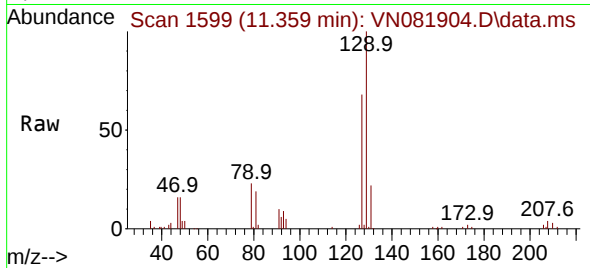
Tgt Ion: 76 Resp: 95728
Ion Ratio Lower Upper
76 100
78 33.8 0.0 65.8





#53
Dibromochloromethane
Concen: 19.918 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

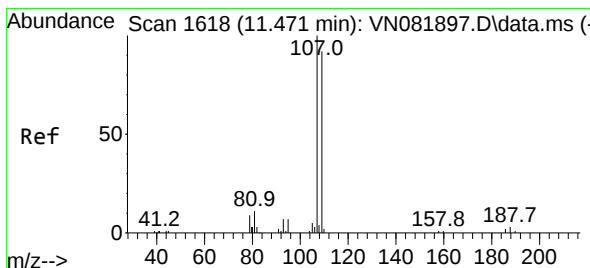
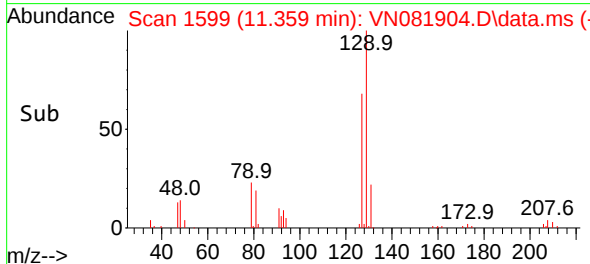
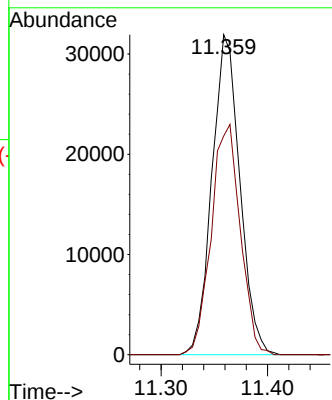


Tgt Ion:129 Resp: 58124
Ion Ratio Lower Upper
129 100
127 74.7 39.4 118.1

Manual Integrations
APPROVED

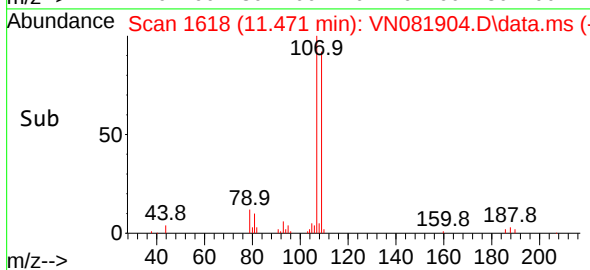
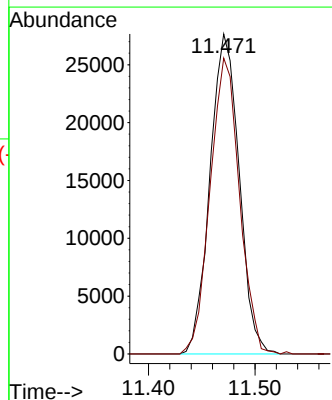
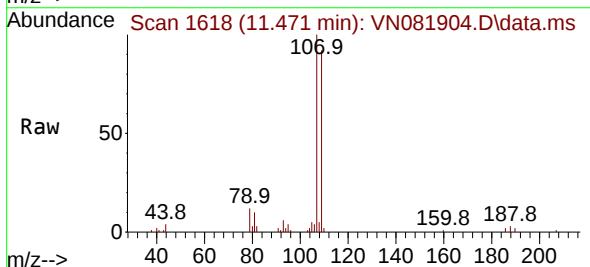
Reviewed By :John
Carlone
04/30/2024

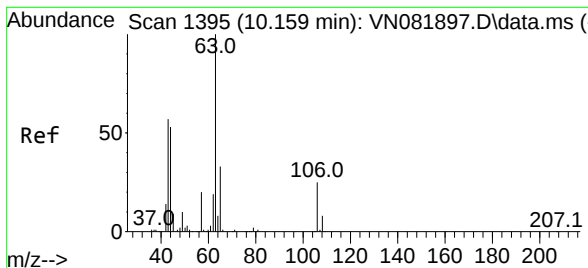
Supervised By :Mahesh
Dadoda
04/30/2024



#54
1,2-Dibromoethane
Concen: 19.663 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

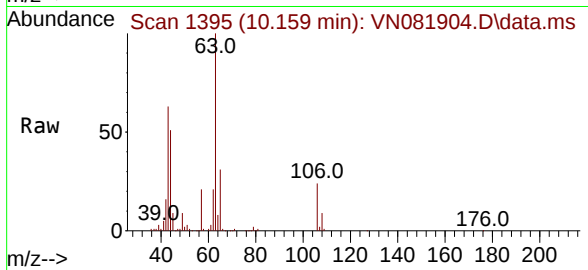
Tgt Ion:107 Resp: 52597
Ion Ratio Lower Upper
107 100
109 92.9 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 100.926 ug/l
RT: 10.159 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

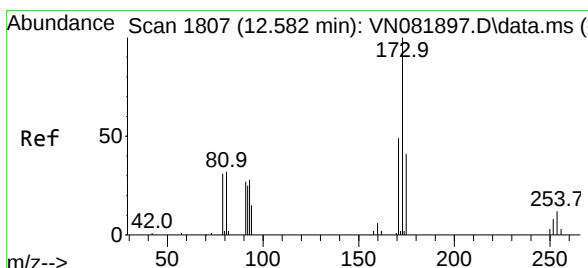
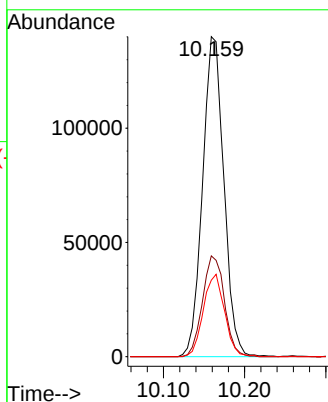
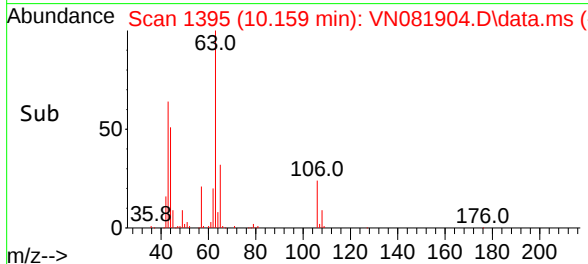


Tgt Ion: 63 Resp: 25547
Ion Ratio Lower Upper
63 100
65 32.3 26.2 39.2
106 25.7 23.8 35.8

Manual Integrations
APPROVED

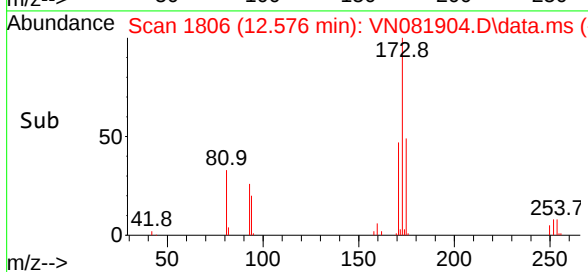
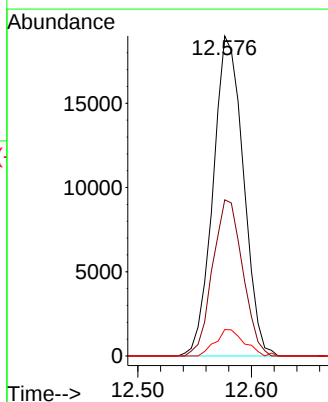
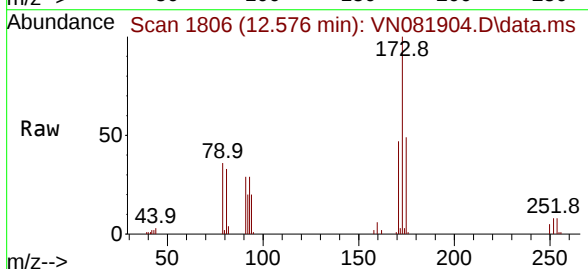
Reviewed By :John
Carlone
04/30/2024

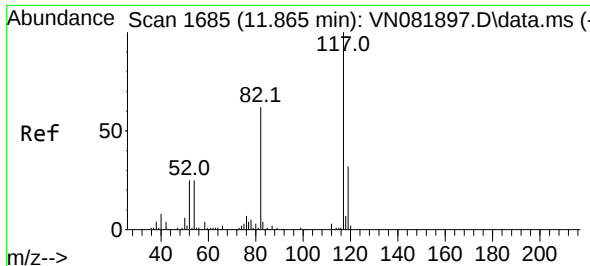
Supervised By :Mahesh
Dadoda
04/30/2024



#56
Bromoform
Concen: 19.828 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

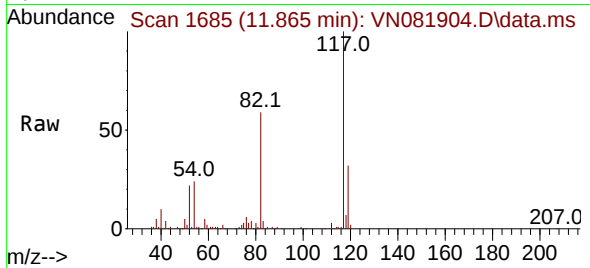
Tgt Ion:173 Resp: 35215
Ion Ratio Lower Upper
173 100
175 48.4 40.0 60.0
254 7.8 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

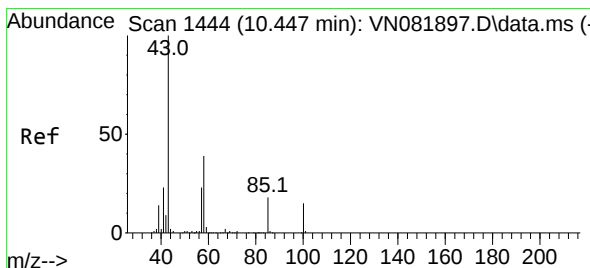
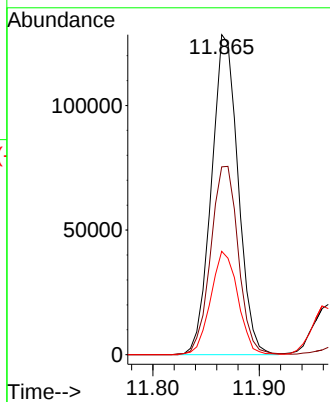
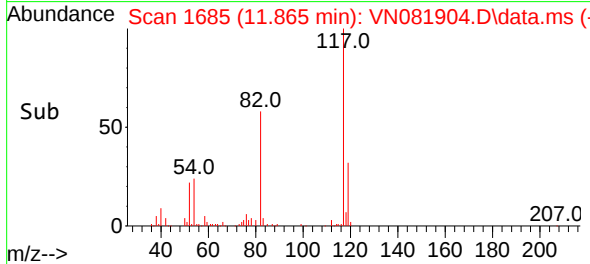


Tgt Ion: 117 Resp: 22318
Ion Ratio Lower Upper
117 100
82 61.1 46.6 69.8
119 33.1 25.4 38.2

Manual Integrations
APPROVED

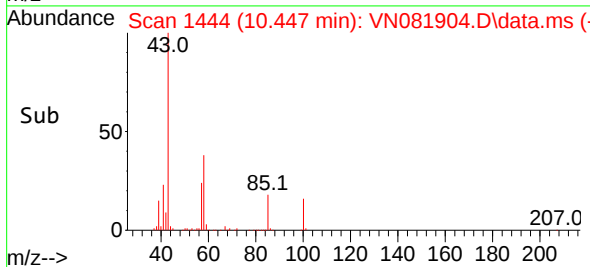
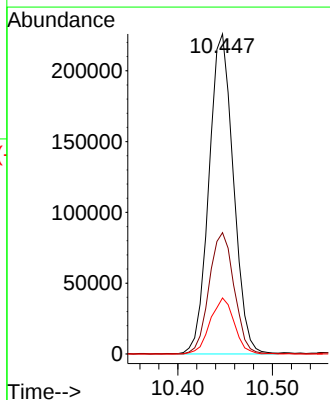
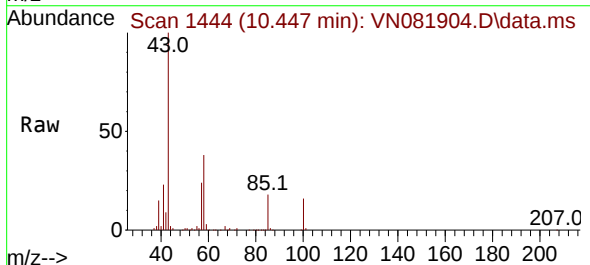
Reviewed By :John
Carlone
04/30/2024

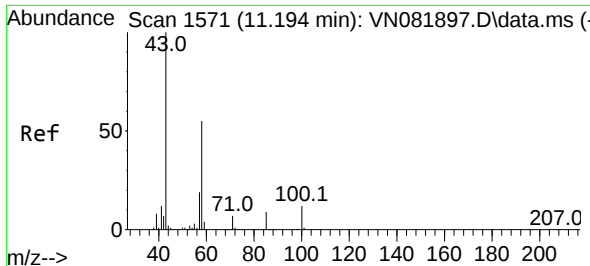
Supervised By :Mahesh
Dadoda
04/30/2024



#58
4-Methyl-2-Pentanone
Concen: 93.536 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

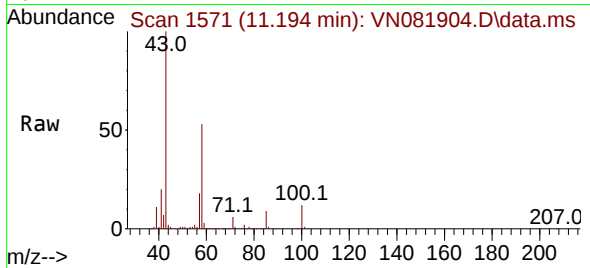
Tgt Ion: 43 Resp: 405343
Ion Ratio Lower Upper
43 100
58 38.7 36.5 54.7
85 17.2 19.5 29.3#





#59
2-Hexanone
Concen: 95.584 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

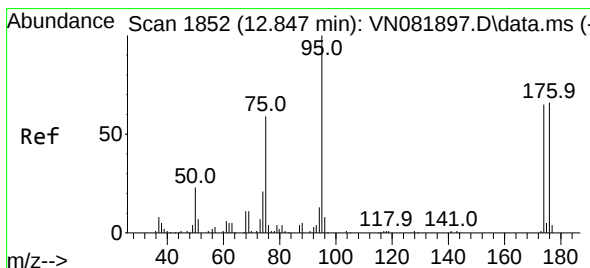
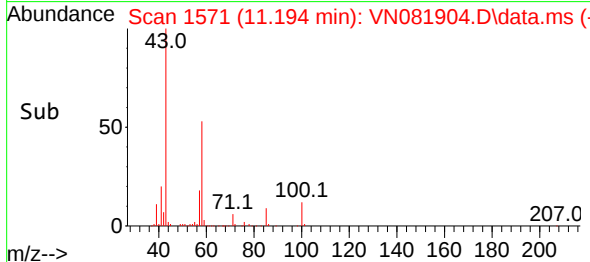
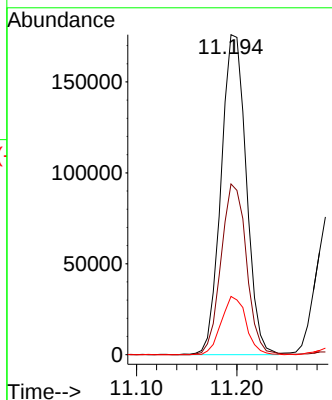


Tgt Ion: 43 Resp: 307120
Ion Ratio Lower Upper
43 100
58 53.9 50.4 75.6
57 17.9 18.6 27.8

Manual Integrations
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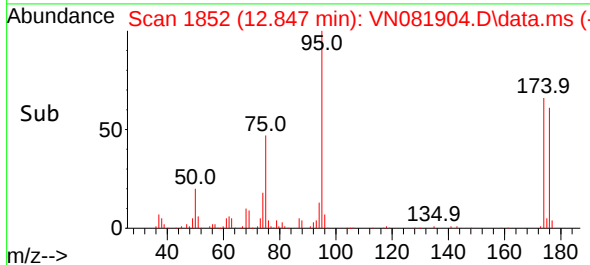
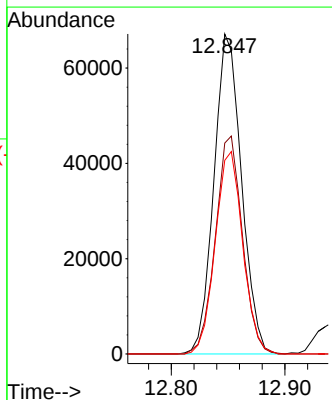
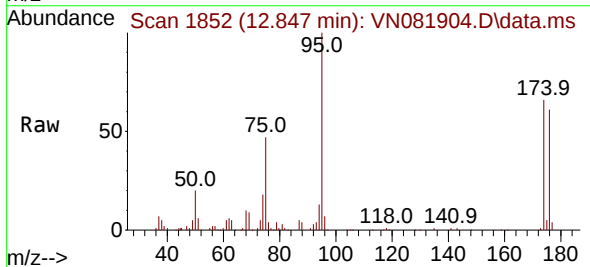
Reviewed By :John
Carlone
04/30/2024

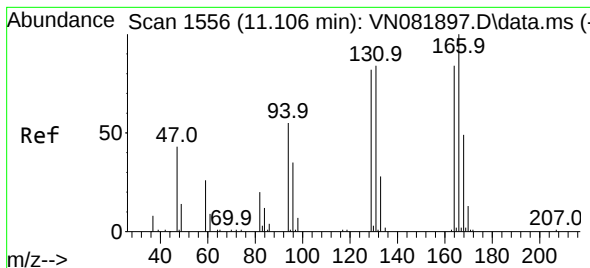
Supervised By :Mahesh
Dadoda
04/30/2024



#60
4-Bromofluorobenzene
Concen: 30.542 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

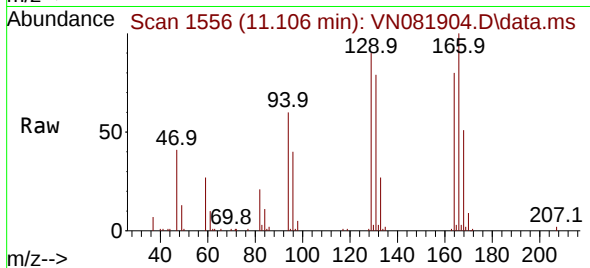
Tgt Ion: 95 Resp: 113441
Ion Ratio Lower Upper
95 100
174 66.8 60.5 90.7
176 63.1 57.8 86.6





#61
Tetrachloroethene
Concen: 18.726 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

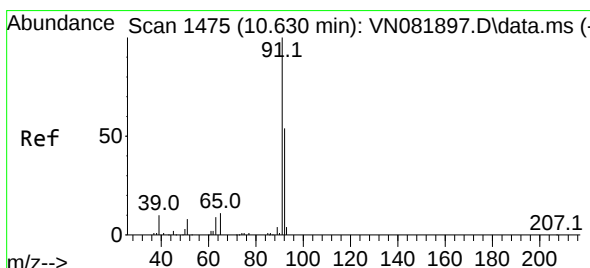
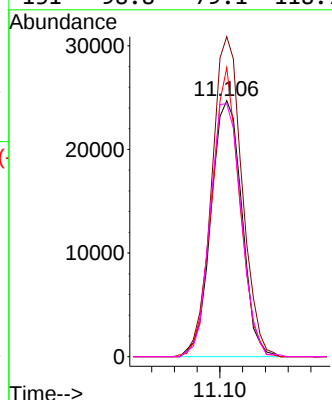


Tgt Ion:164 Resp: 4637
Ion Ratio Lower Upper
164 100
166 125.0 106.7 160.1
129 112.9 85.8 128.6
131 98.8 79.1 118.7

Manual Integrations
APPROVED

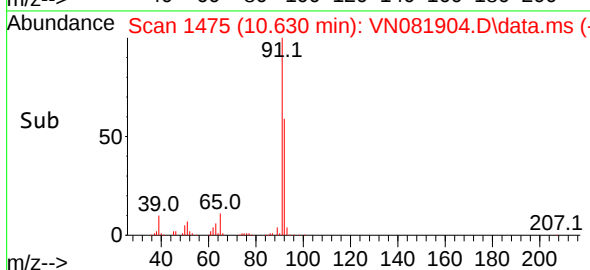
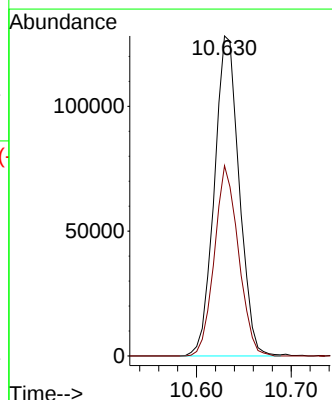
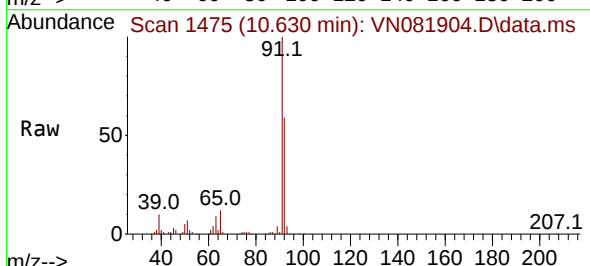
Reviewed By :John
Carlone
04/30/2024

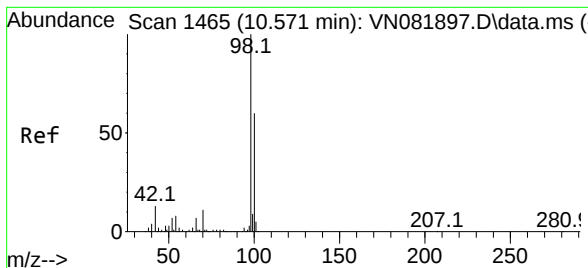
Supervised By :Mahesh
Dadoda
04/30/2024



#62
Toluene
Concen: 18.641 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

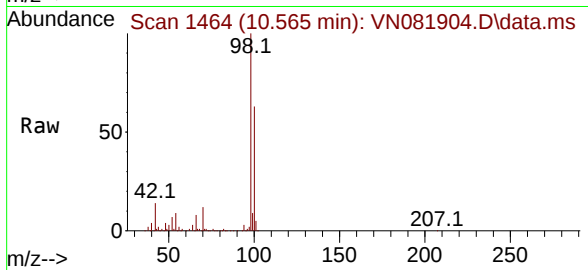
Tgt Ion: 91 Resp: 234091
Ion Ratio Lower Upper
91 100
92 57.5 46.5 69.7





#63
Toluene-d8
Concen: 29.791 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

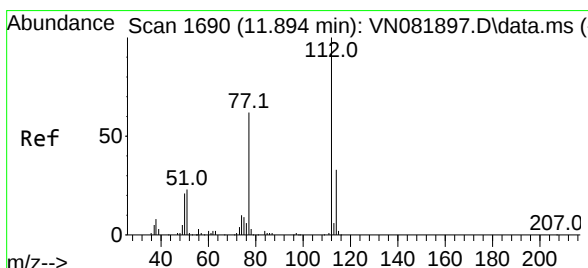
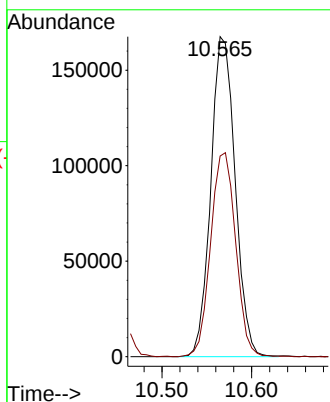
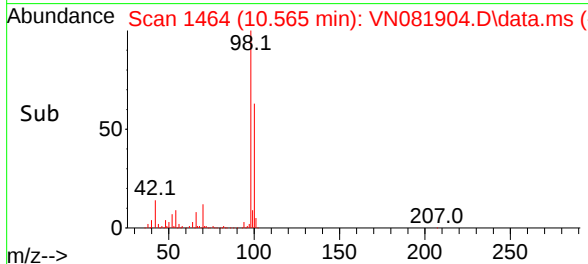
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01



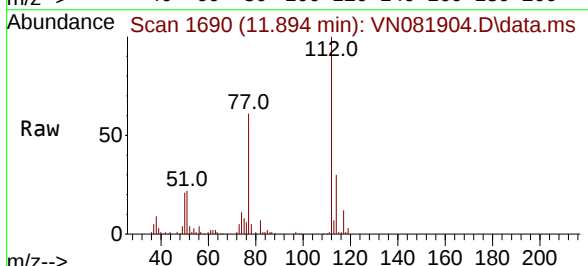
Tgt Ion: 98 Resp: 315750
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1

Manual Integrations
APPROVED

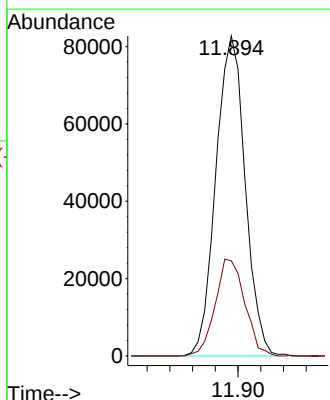
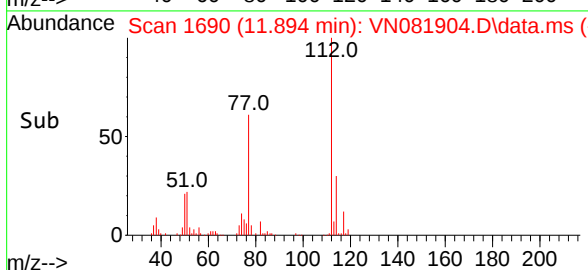
Reviewed By :John
Carlone
04/30/2024
Supervised By :Mahesh
Dadoda
04/30/2024

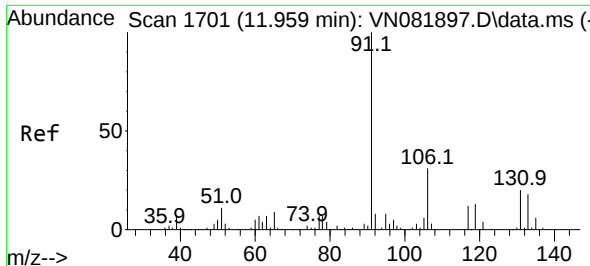


#64
Chlorobenzene
Concen: 19.279 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42



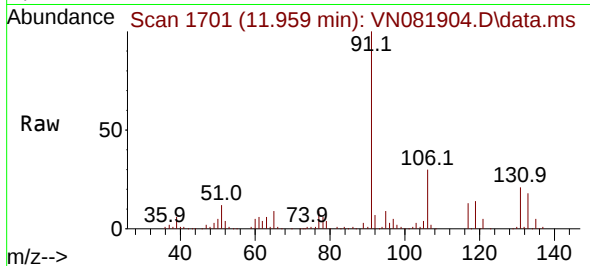
Tgt Ion:112 Resp: 148078
Ion Ratio Lower Upper
112 100
114 29.8 26.6 39.8





#65
1,1,1,2-Tetrachloroethane
Concen: 19.836 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

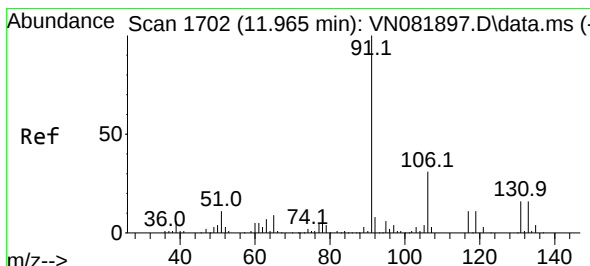
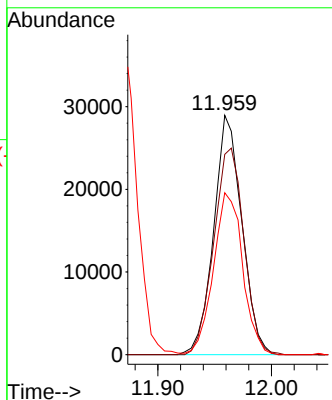
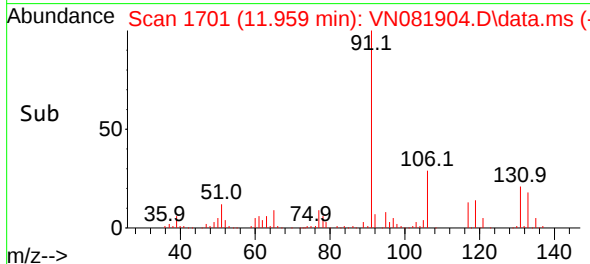


Tgt Ion:131 Resp: 4986
Ion Ratio Lower Upper
131 100
133 92.4 0.0 188.0
119 70.2 0.0 122.8

Manual Integrations
APPROVED

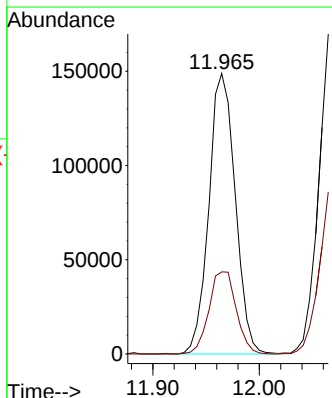
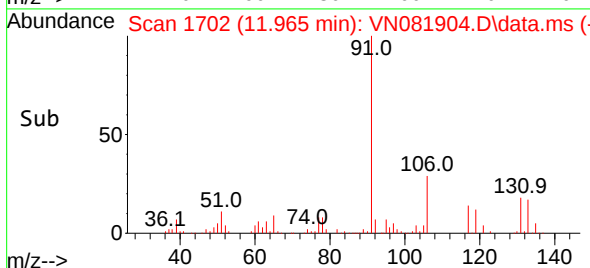
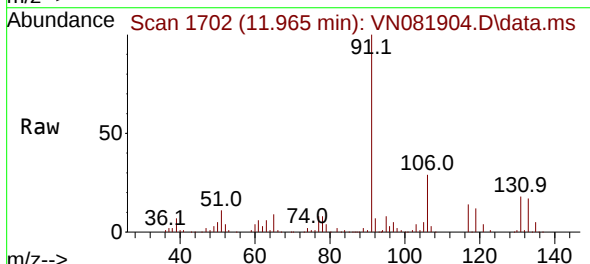
Reviewed By :John
Carlone
04/30/2024

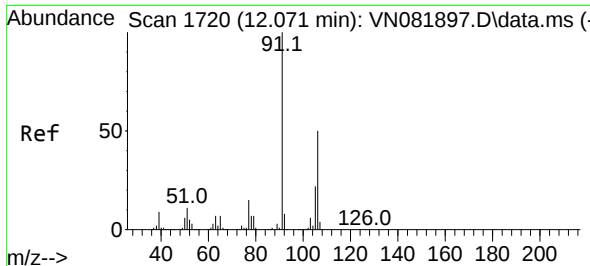
Supervised By :Mahesh
Dadoda
04/30/2024



#66
Ethyl Benzene
Concen: 18.580 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

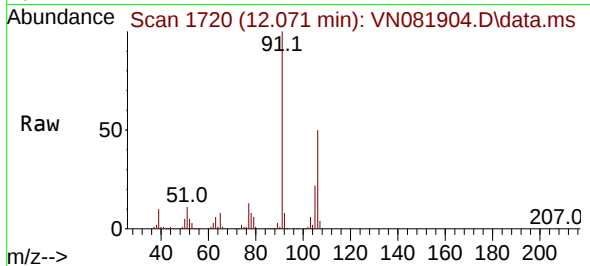
Tgt Ion: 91 Resp: 255747
Ion Ratio Lower Upper
91 100
106 29.3 24.4 36.6





#67
m/p-Xylenes
Concen: 37.627 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

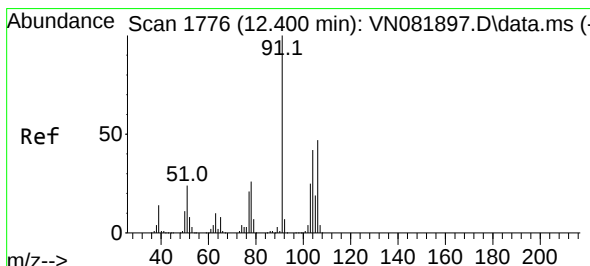
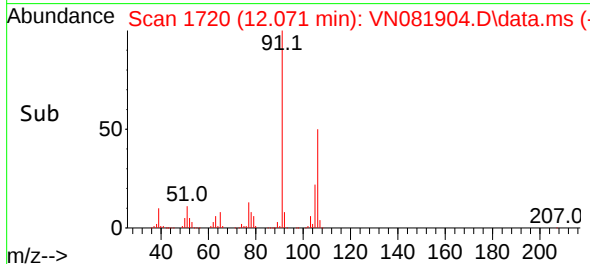
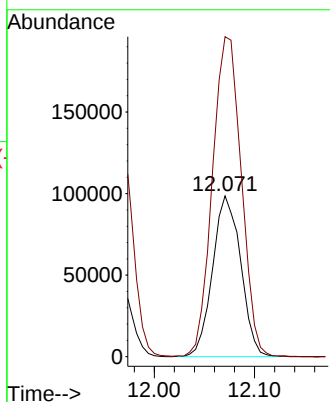
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01



Tgt Ion:106 Resp: 19202
Ion Ratio Lower Upper
106 100
91 204.4 166.6 249.8

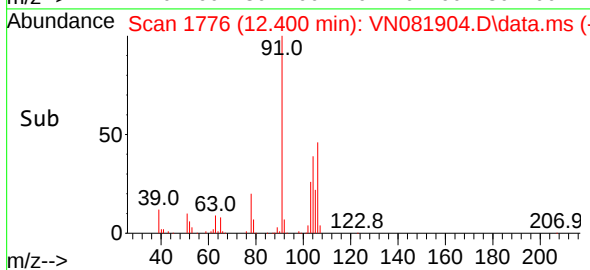
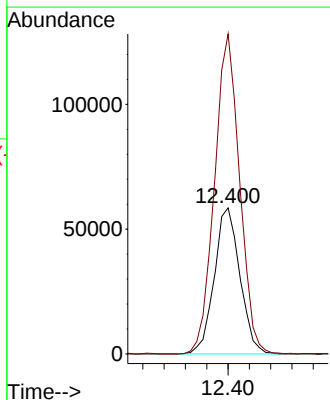
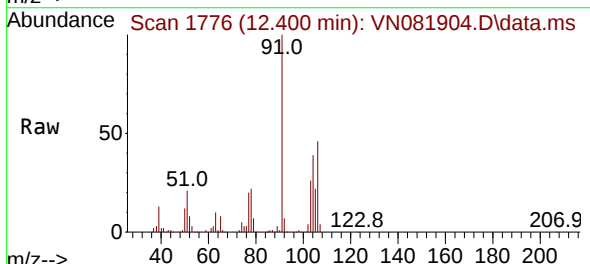
Manual Integrations
APPROVED

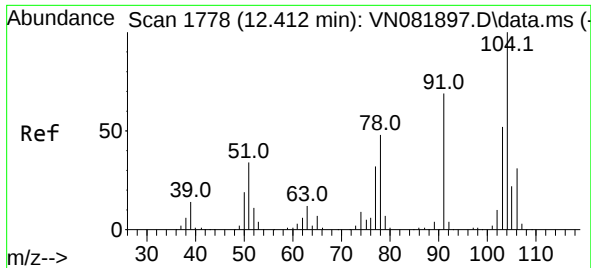
Reviewed By :John
Carlone
04/30/2024
Supervised By :Mahesh
Dadoda
04/30/2024



#68
o-Xylene
Concen: 19.327 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

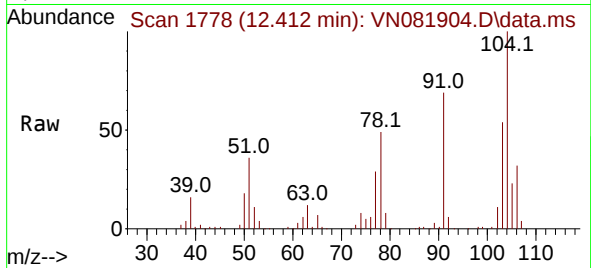
Tgt Ion:106 Resp: 97585
Ion Ratio Lower Upper
106 100
91 214.9 110.0 330.0





#69
Styrene
Concen: 19.554 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

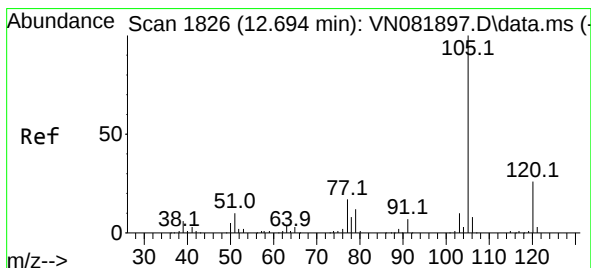
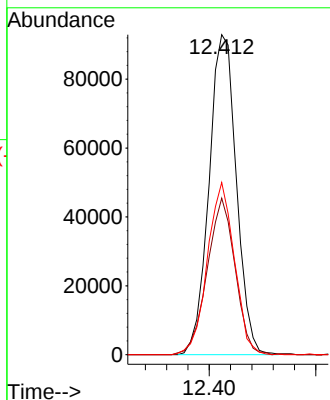
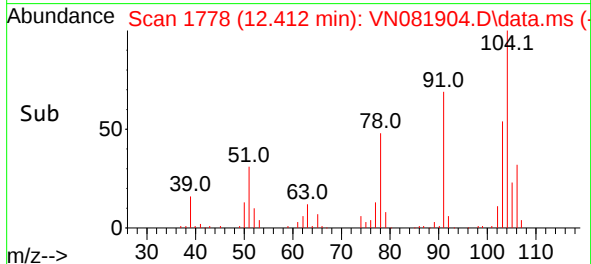


Tgt Ion:104 Resp: 165738
Ion Ratio Lower Upper
104 100
78 49.6 42.6 64.0
103 52.9 43.7 65.5

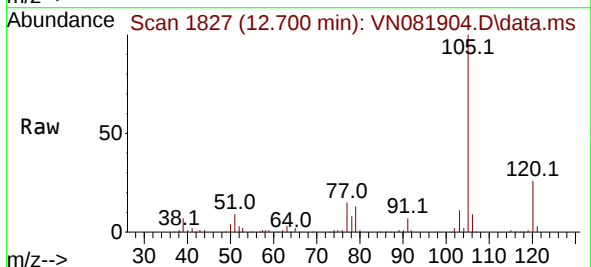
Manual Integrations
APPROVED

Reviewed By :John
Carlone
04/30/2024

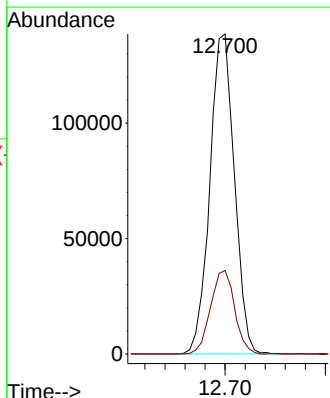
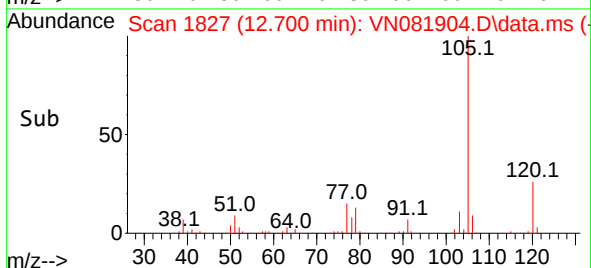
Supervised By :Mahesh
Dadoda
04/30/2024

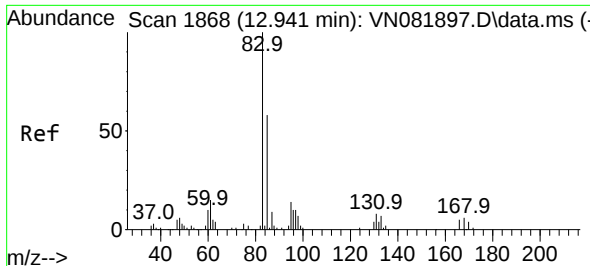


#70
Isopropylbenzene
Concen: 18.369 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42



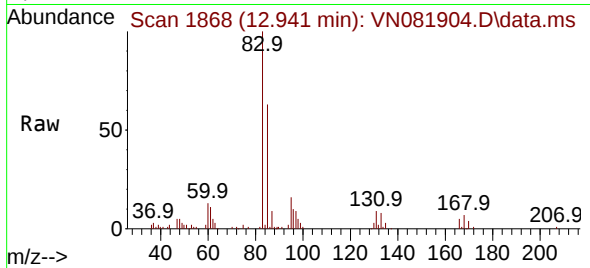
Tgt Ion:105 Resp: 235554
Ion Ratio Lower Upper
105 100
120 25.5 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 18.940 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

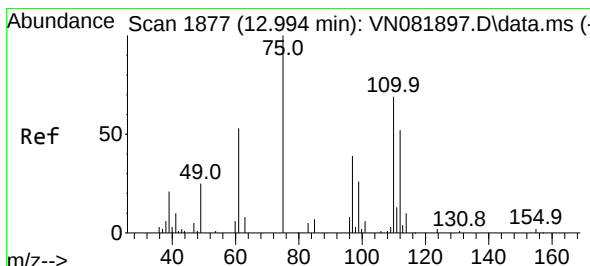
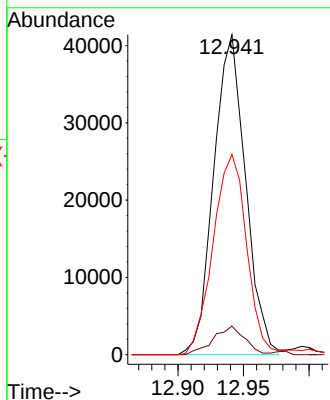
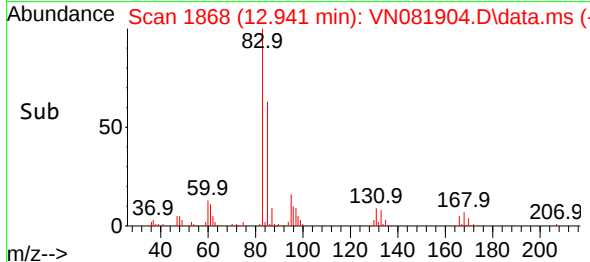


Tgt Ion: 83 Resp: 6989
Ion Ratio Lower Upper
83 100
131 8.9 5.2 15.6
85 65.8 32.3 96.8

Manual Integrations
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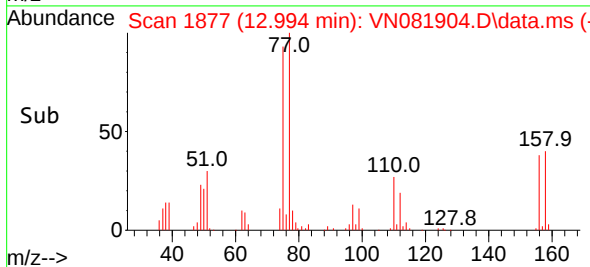
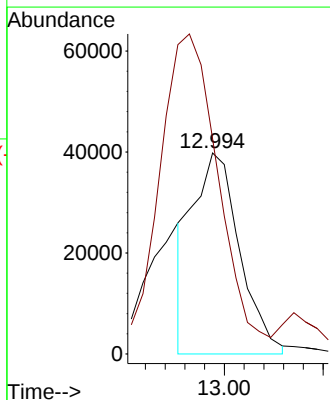
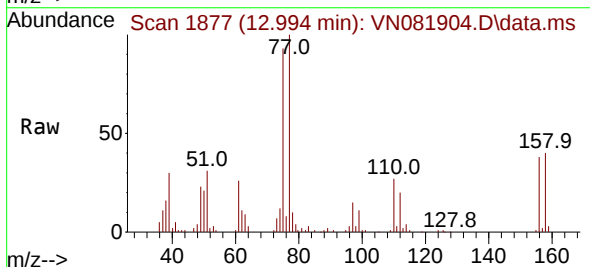
Reviewed By :John
Carlone
04/30/2024

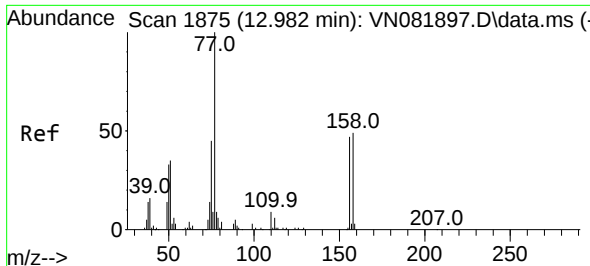
Supervised By :Mahesh
Dadoda
04/30/2024



#72
1,2,3-Trichloropropane
Concen: 19.132 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

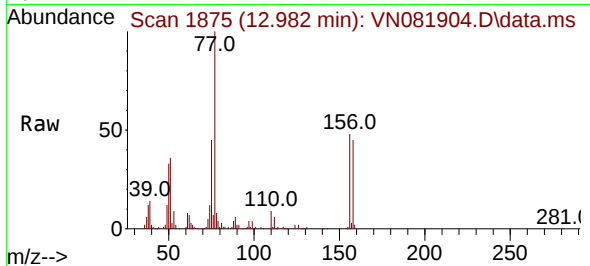
Tgt Ion: 75 Resp: 66006
Ion Ratio Lower Upper
75 100
77 200.6 0.0 367.6





#73
Bromobenzene
Concen: 18.800 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

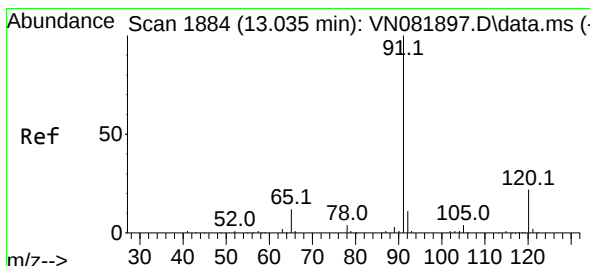
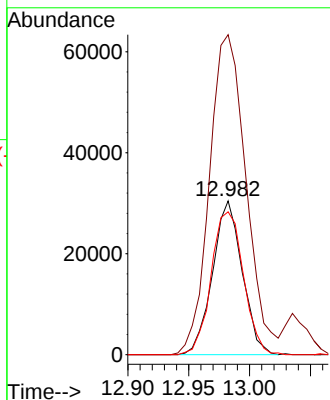
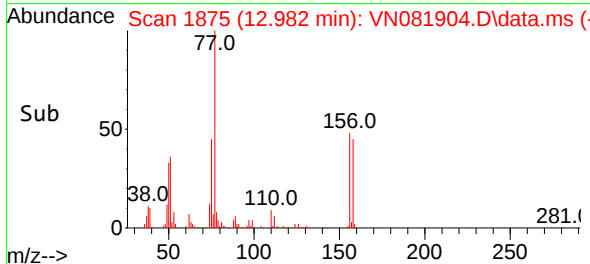


Tgt Ion:156 Resp: 5160
Ion Ratio Lower Upper
156 100
77 256.5 0.0 437.6
158 101.1 0.0 203.8

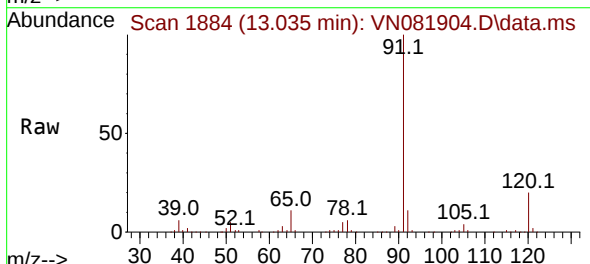
Manual Integrations
APPROVED

Reviewed By :John
Carlone
04/30/2024

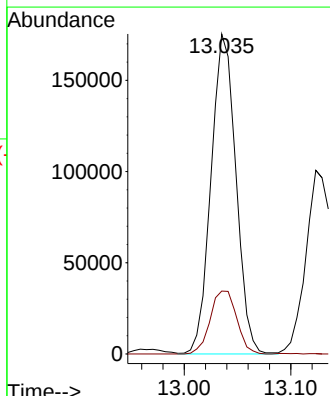
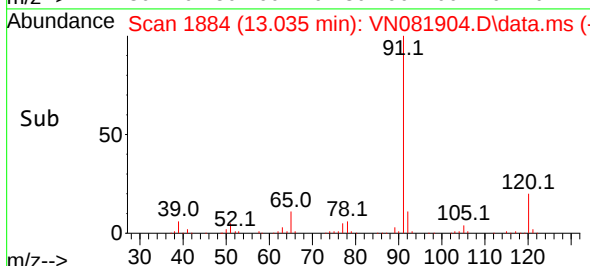
Supervised By :Mahesh
Dadoda
04/30/2024

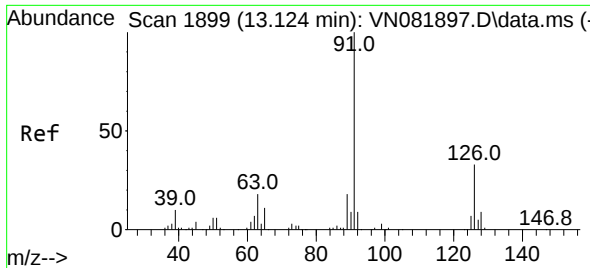


#74
n-propylbenzene
Concen: 18.827 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42



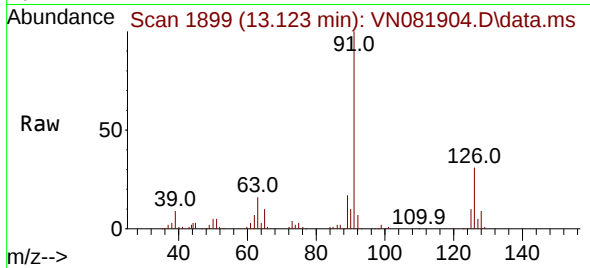
Tgt Ion: 91 Resp: 284839
Ion Ratio Lower Upper
91 100
120 20.9 0.0 43.8





#75
2-Chlorotoluene
Concen: 18.562 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

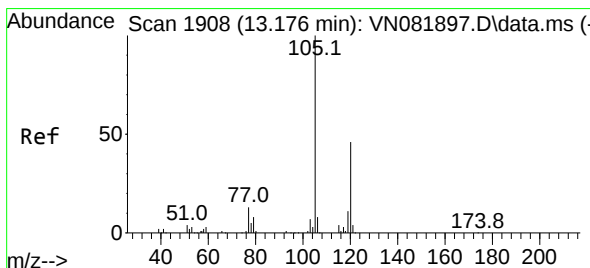
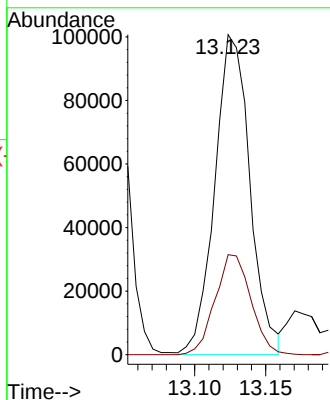
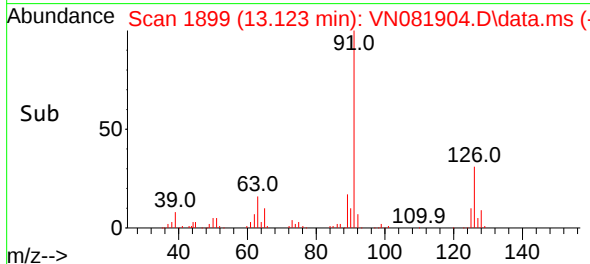


Tgt Ion: 91 Resp: 17373
Ion Ratio Lower Upper
91 100
126 31.8 0.0 61.2

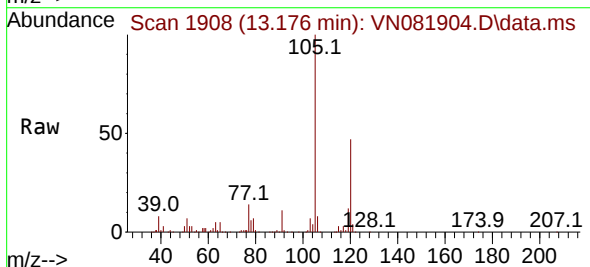
Manual Integrations
APPROVED

Reviewed By :John
Carlone
04/30/2024

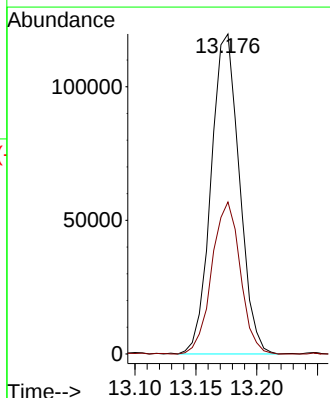
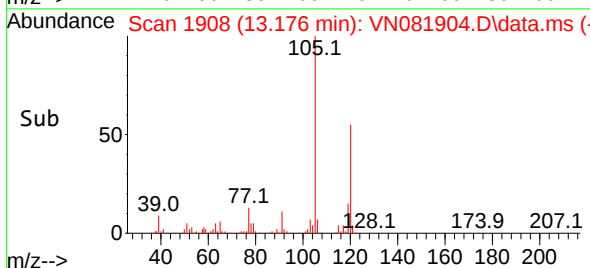
Supervised By :Mahesh
Dadoda
04/30/2024

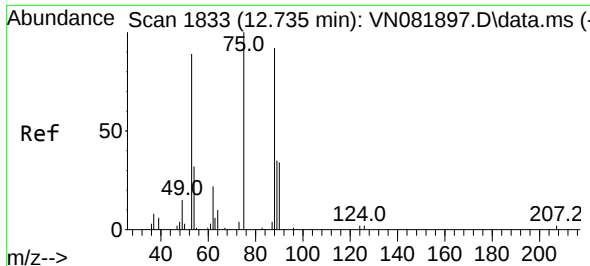


#76
1,3,5-Trimethylbenzene
Concen: 18.651 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42



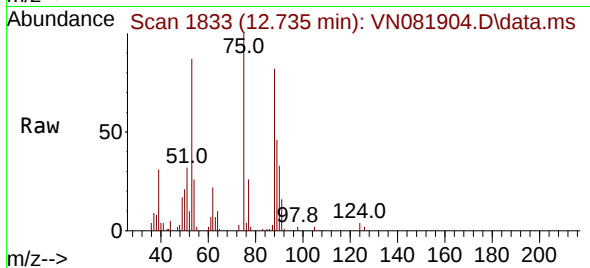
Tgt Ion:105 Resp: 193600
Ion Ratio Lower Upper
105 100
120 47.7 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 20.849 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

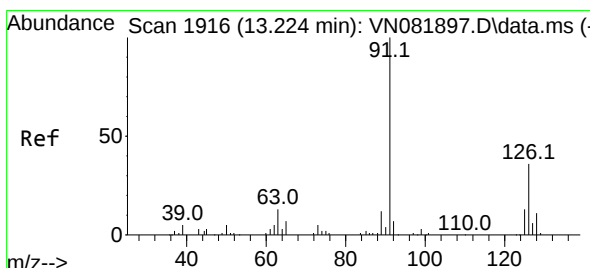
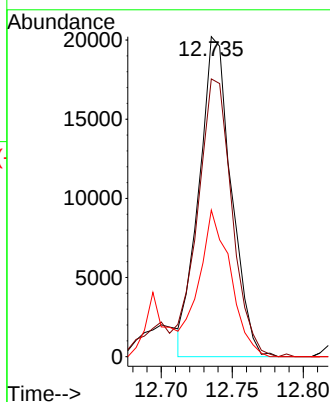
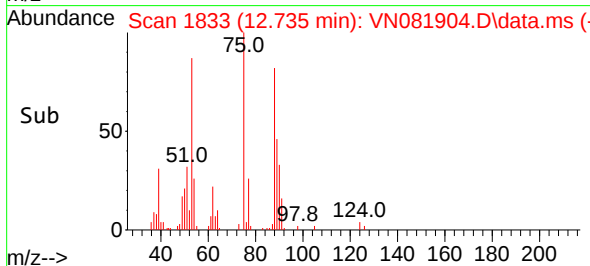


Tgt Ion: 75 Resp: 32010
Ion Ratio Lower Upper
75 100
53 86.8 45.9 137.7
89 45.8 25.9 77.7

Manual Integrations
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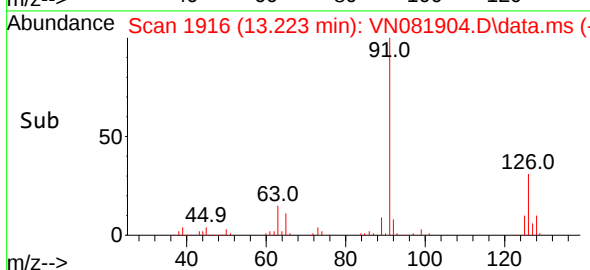
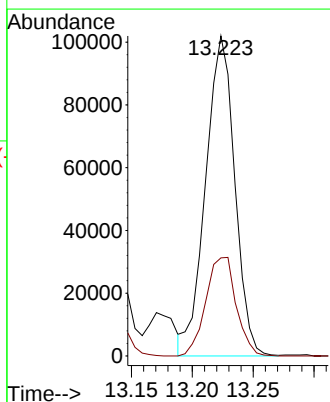
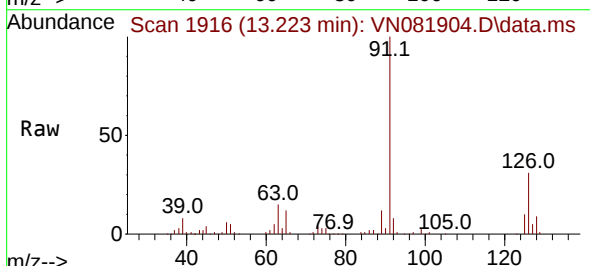
Reviewed By :John
Carlone
04/30/2024

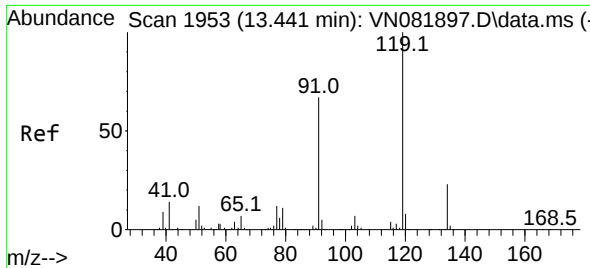
Supervised By :Mahesh
Dadoda
04/30/2024



#78
4-Chlorotoluene
Concen: 18.559 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

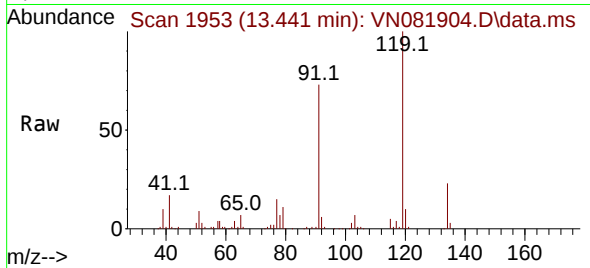
Tgt Ion: 91 Resp: 170174
Ion Ratio Lower Upper
91 100
126 32.1 0.0 62.8





#79
tert-butylbenzene
Concen: 18.261 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

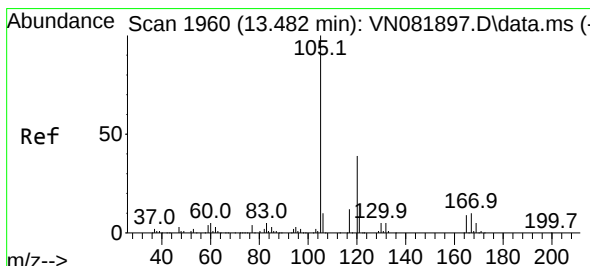
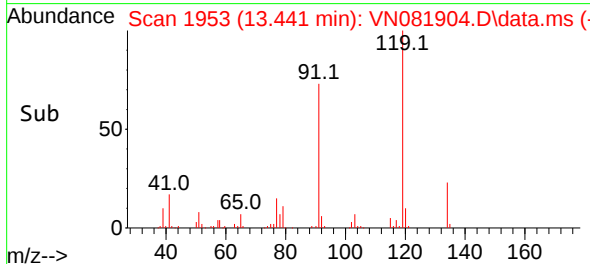
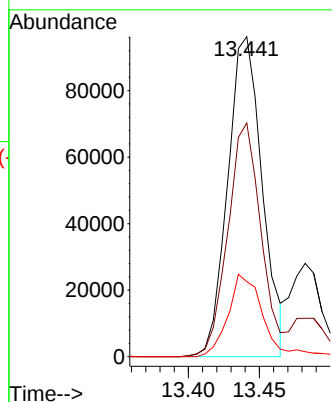


Tgt Ion:119 Resp: 163199
Ion Ratio Lower Upper
119 100
91 69.7 0.0 138.8
134 24.8 0.0 48.6

Manual Integrations
APPROVED

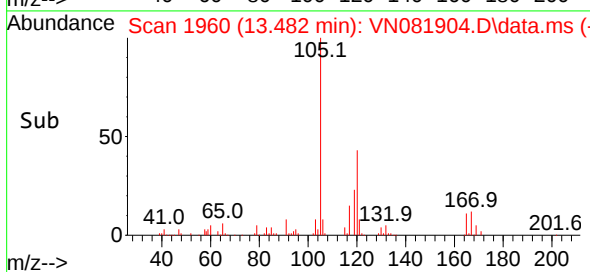
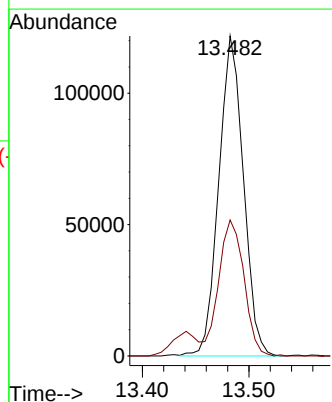
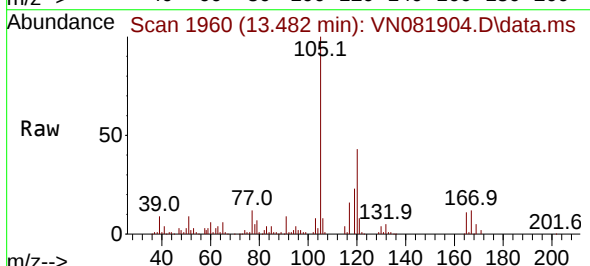
Reviewed By :John
Carlone
04/30/2024

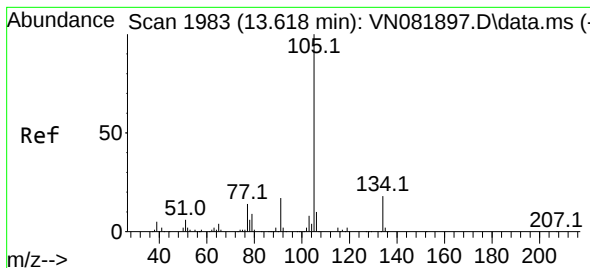
Supervised By :Mahesh
Dadoda
04/30/2024



#80
1,2,4-Trimethylbenzene
Concen: 18.746 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

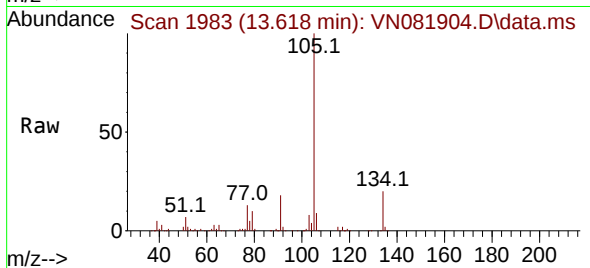
Tgt Ion:105 Resp: 195447
Ion Ratio Lower Upper
105 100
120 43.9 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 17.891 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081904.D
 Acq: 29 Apr 2024 10:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBSD01

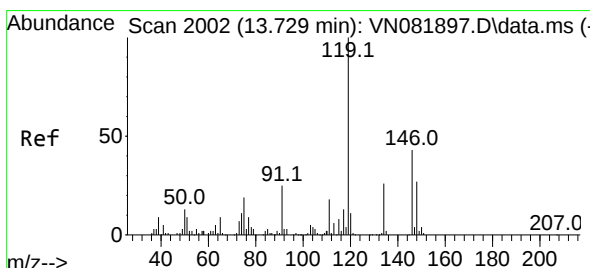
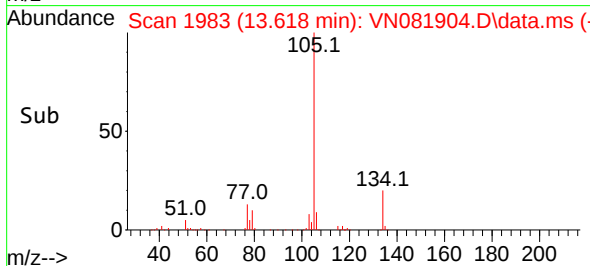
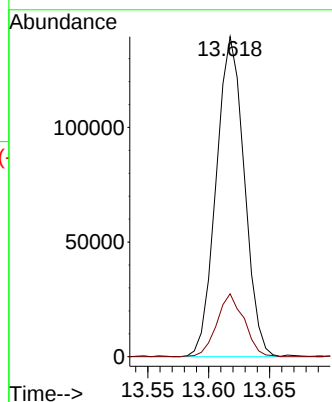


Tgt Ion:105 Resp: 22412
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 39.0

Manual Integrations
 APPROVED

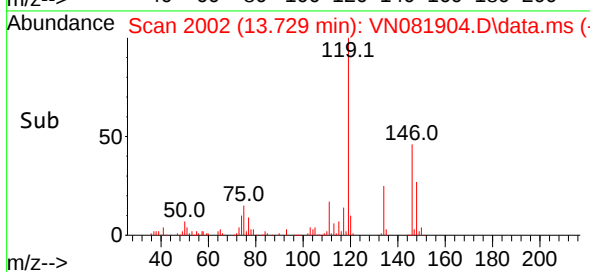
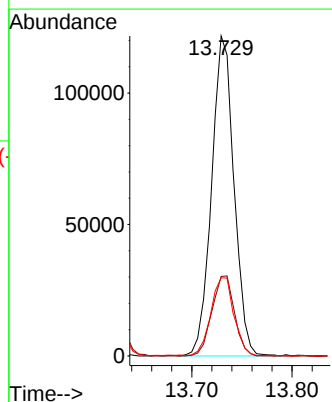
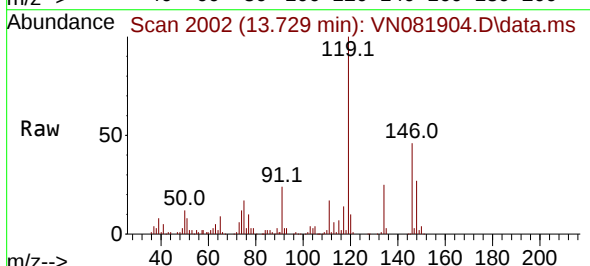
Reviewed By :John
 Carlone
 04/30/2024

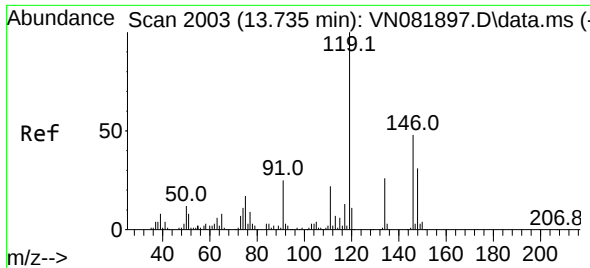
Supervised By :Mahesh
 Dadoda
 04/30/2024



#82
 p-Isopropyltoluene
 Concen: 19.063 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081904.D
 Acq: 29 Apr 2024 10:42

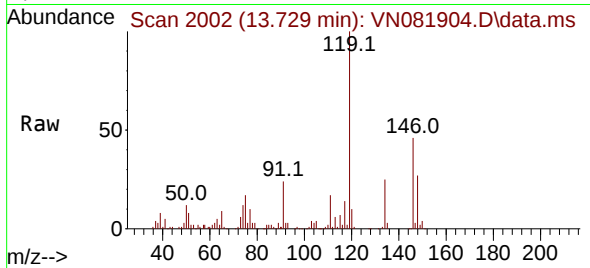
Tgt Ion:119 Resp: 188838
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 49.2
 91 25.4 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 19.015 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

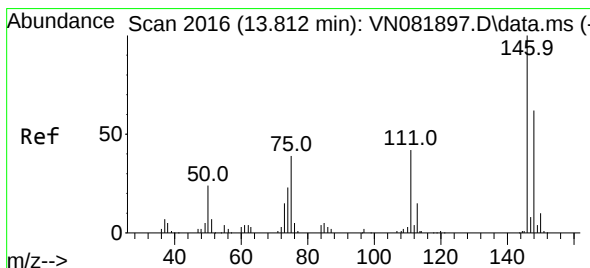
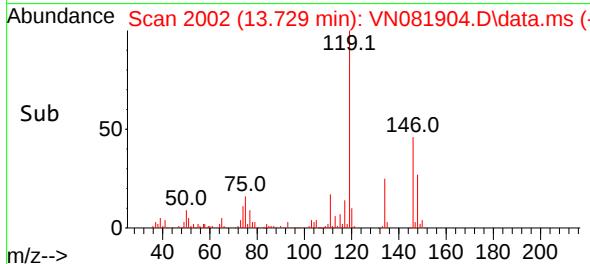
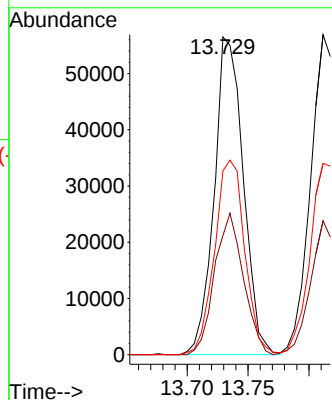


Tgt Ion:146 Resp: 9399
Ion Ratio Lower Upper
146 100
111 44.1 22.4 67.0
148 63.6 32.1 96.5

Manual Integrations
APPROVED

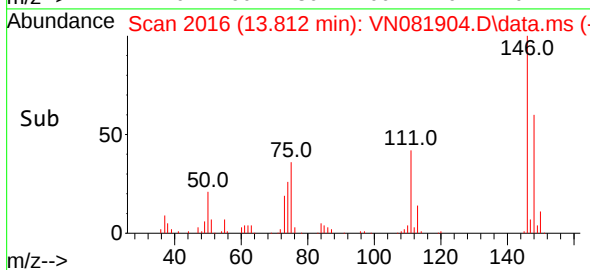
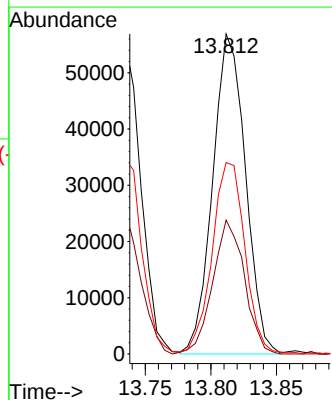
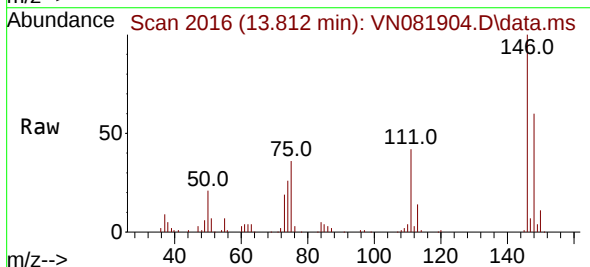
Reviewed By :John
Carlone
04/30/2024

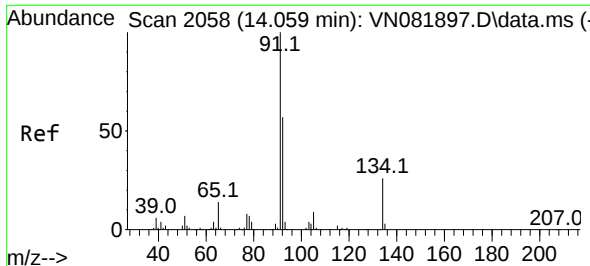
Supervised By :Mahesh
Dadoda
04/30/2024



#84
1,4-Dichlorobenzene
Concen: 19.894 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

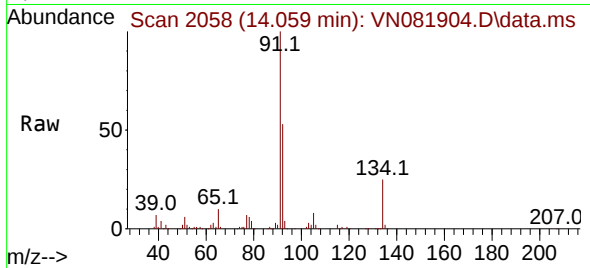
Tgt Ion:146 Resp: 98837
Ion Ratio Lower Upper
146 100
111 40.5 21.3 63.9
148 60.0 31.9 95.5





#85
n-Butylbenzene
Concen: 18.472 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

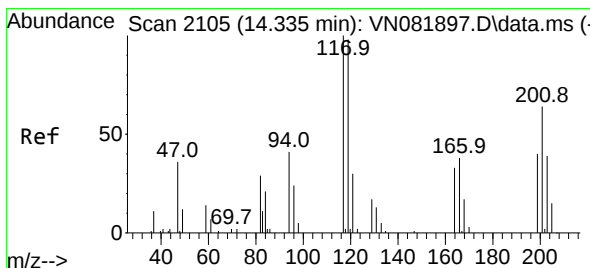
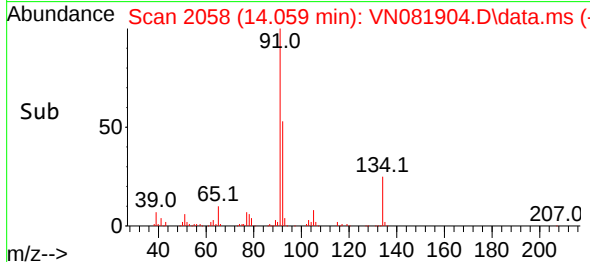
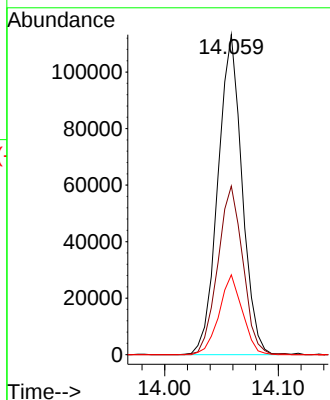


Tgt Ion: 91 Resp: 167140
Ion Ratio Lower Upper
91 100
92 54.6 0.0 105.0
134 24.1 0.0 51.8

Manual Integrations
APPROVED

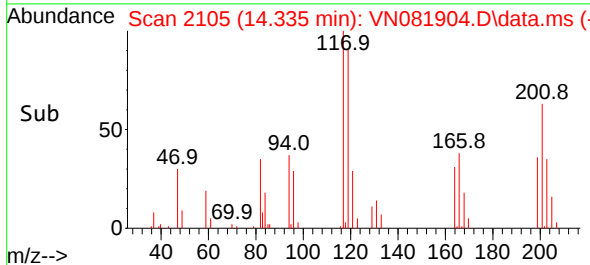
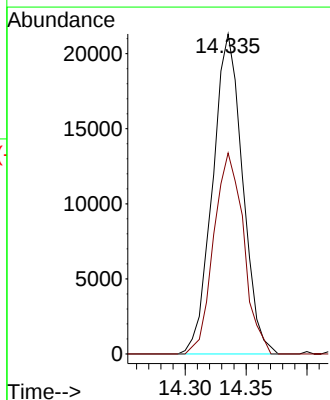
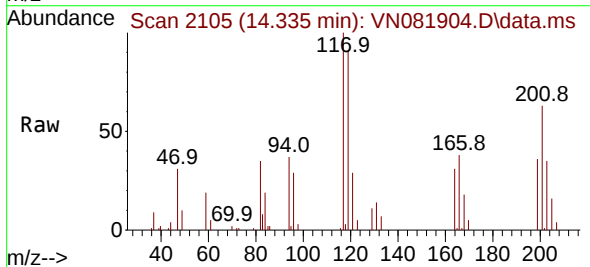
Reviewed By :John
Carlone
04/30/2024

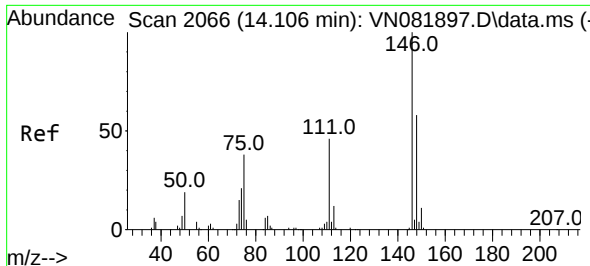
Supervised By :Mahesh
Dadoda
04/30/2024



#86
Hexachloroethane
Concen: 18.454 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

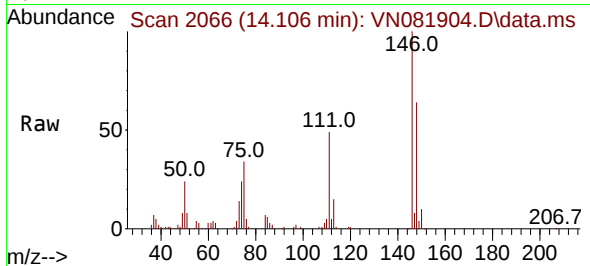
Tgt Ion:117 Resp: 36450
Ion Ratio Lower Upper
117 100
201 62.7 38.0 114.0





#87
1,2-Dichlorobenzene
Concen: 19.147 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

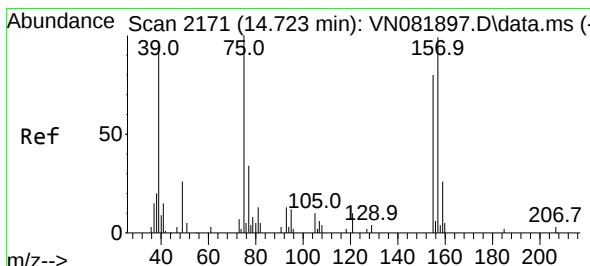
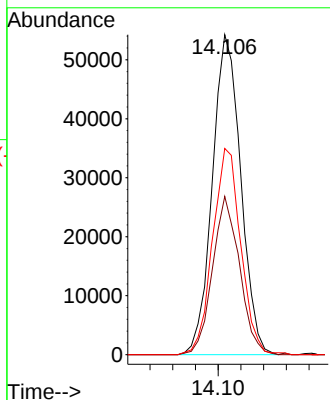
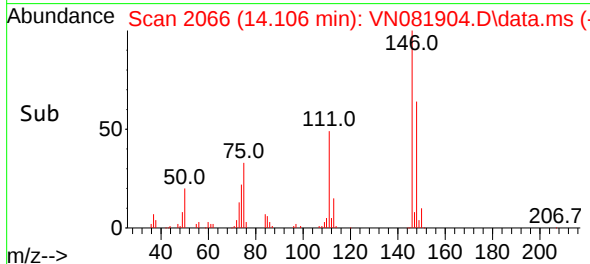


Tgt Ion:146 Resp: 9426
Ion Ratio Lower Upper
146 100
111 47.0 22.6 67.8
148 63.6 31.3 93.8

Manual Integrations
APPROVED

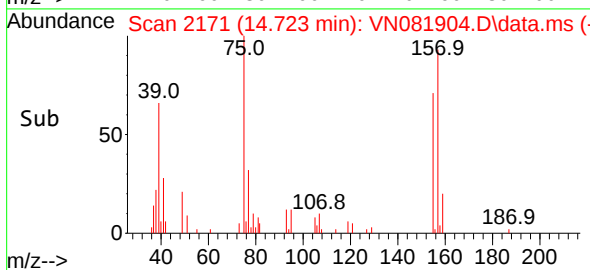
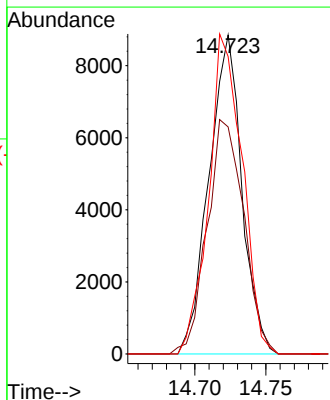
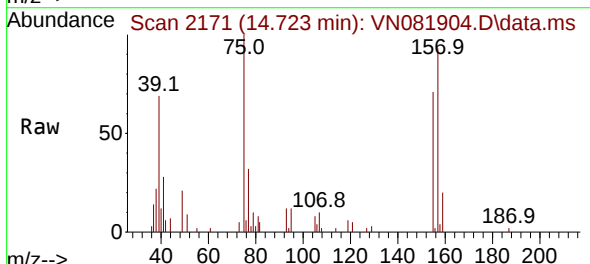
Reviewed By :John
Carlone
04/30/2024

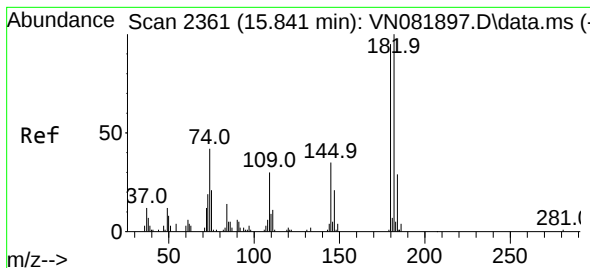
Supervised By :Mahesh
Dadoda
04/30/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.222 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Tgt Ion: 75 Resp: 14262
Ion Ratio Lower Upper
75 100
155 81.6 61.7 92.5
157 101.8 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 18.896 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081904.D

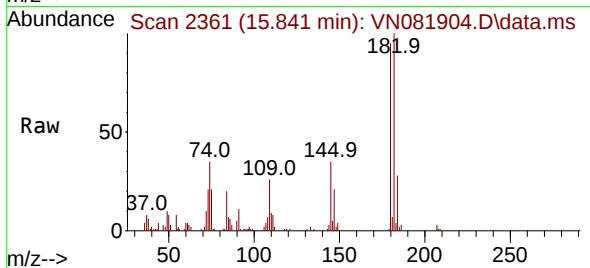
Acq: 29 Apr 2024 10:42

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01



Tgt Ion:	180	Resp:	5122
Ion Ratio	Lower	Upper	
180	100		
182	98.6	76.4	114.6
145	33.8	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :John

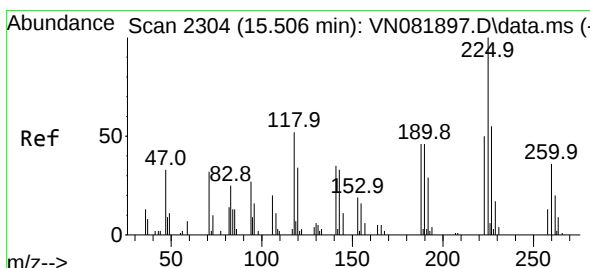
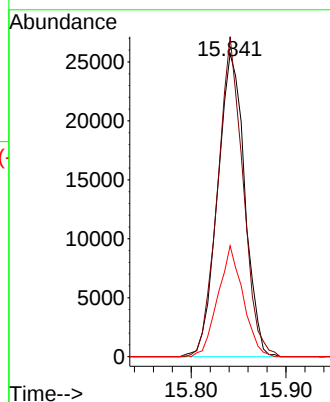
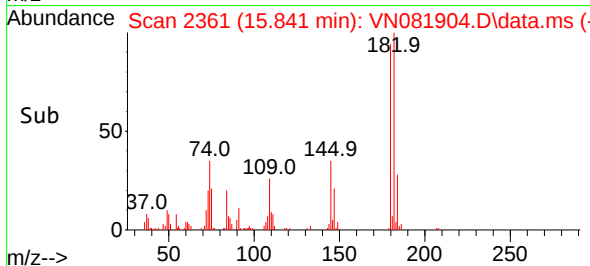
Carlone

04/30/2024

Supervised By :Mahesh

Dadoda

04/30/2024



#90

Hexachlorobutadiene

Concen: 17.619 ug/l

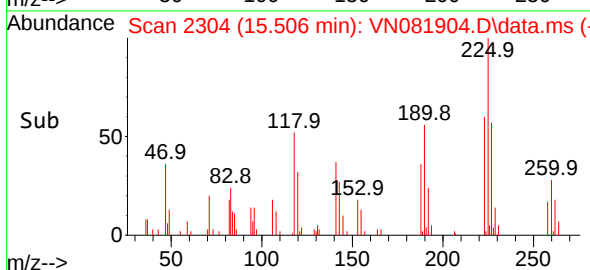
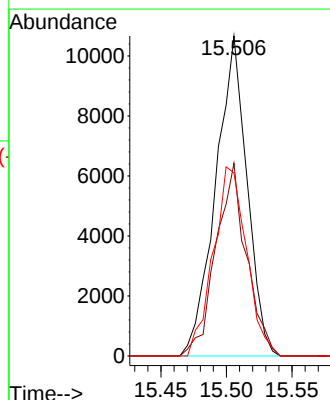
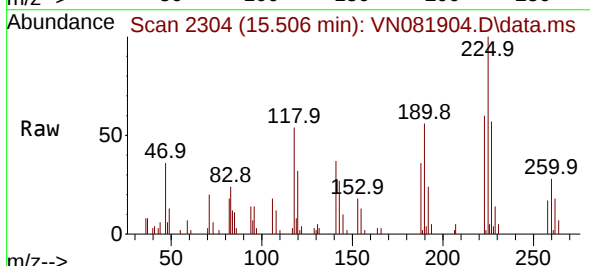
RT: 15.506 min Scan# 2304

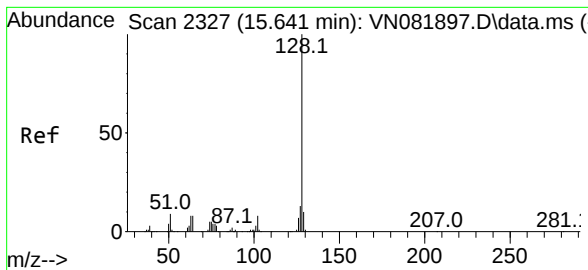
Delta R.T. -0.000 min

Lab File: VN081904.D

Acq: 29 Apr 2024 10:42

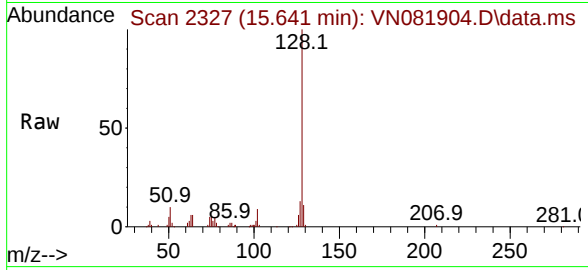
Tgt Ion:	225	Resp:	17689
Ion Ratio	Lower	Upper	
225	100		
223	58.9	0.0	126.6
227	62.6	0.0	126.6





#91
Naphthalene
Concen: 18.710 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

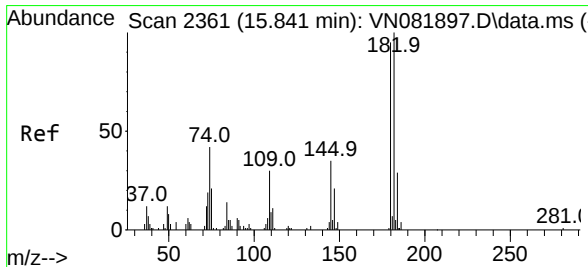
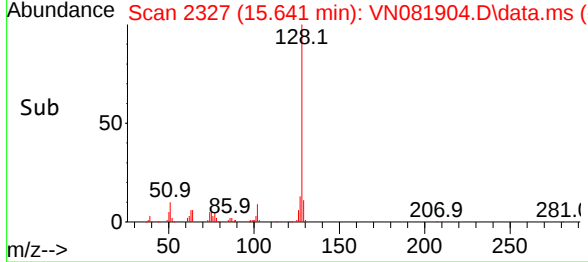
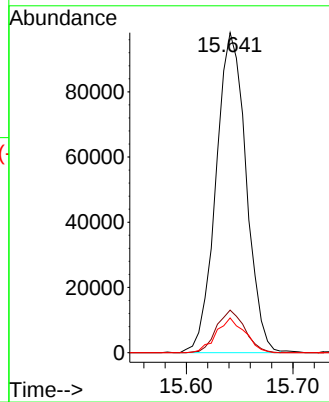


Tgt Ion:128 Resp: 192809
Ion Ratio Lower Upper
128 100
127 12.5 10.6 16.0
129 10.4 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone
04/30/2024

Supervised By :Mahesh
Dadoda
04/30/2024



#92
1,2,3-Trichlorobenzene
Concen: 18.896 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081904.D
Acq: 29 Apr 2024 10:42

Tgt Ion:180 Resp: 51221
Ion Ratio Lower Upper
180 100
182 98.6 0.0 191.0
145 33.8 0.0 71.0

