

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
 Data File : VN080750.D
 Acq On : 22 Jan 2024 20:56
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Quant Time: Jan 23 01:32:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 05:20:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 01/23/2024

Supervised By :Mahesh
 Dadoda
 01/23/2024

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

Internal Standards						
1) Bromochloromethane	7.812	128	10926	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	116447	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	125501	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	57827	32.774	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 109.233%			
60) 4-Bromofluorobenzene	12.853	95	73798	26.582	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 88.600%			
63) Toluene-d8	10.565	98	166511	30.231	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.767%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	32887	17.710	ug/l	93
3) Chloromethane	2.359	50	48309	19.098	ug/l	98
4) Vinyl Chloride	2.512	62	37868	19.680	ug/l	90
5) Bromomethane	2.965	94	14204	20.103	ug/l	94
6) Chloroethane	3.130	64	19951	19.178	ug/l	96
7) Trichlorofluoromethane	3.501	101	49289	17.146	ug/l	99
8) Diethyl Ether	3.953	74	22572	16.873	ug/l	58
9) 1,1,2-Trichlorotrifluo...	4.365	101	30499m	18.411	ug/l	
10) 1,1-Dichloroethene	4.342	96	31815	17.879	ug/l	93
11) Methyl Iodide	4.583	142	24634	16.231	ug/l	94
12) Methyl Acetate	5.018	43	40386	19.184	ug/l #	79
13) Acrolein	4.177	56	24370m	87.085	ug/l	
14) Acrylonitrile	5.712	53	90372	95.263	ug/l	99
15) Acetone	4.430	58	19895m	92.449	ug/l	
16) Carbon Disulfide	4.712	76	91743	16.643	ug/l	99
17) Allyl chloride	5.018	41	63314	17.577	ug/l	84
18) Methylene Chloride	5.277	84	36423	17.615	ug/l #	78
19) trans-1,2-Dichloroethene	5.789	96	33955	18.150	ug/l	95
20) Diisopropyl ether	6.677	45	135415	18.526	ug/l	96
21) 1,1-Dichloroethane	6.577	63	76077m	19.165	ug/l	
22) cis-1,2-Dichloroethene	7.489	96	39859	18.212	ug/l	84
23) tert-Butyl Alcohol	5.506	59	27866	85.170	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	113716	17.675	ug/l	96
25) Chloroform	7.965	83	67072	18.148	ug/l	100
26) Cyclohexane	8.259	56	60545	19.396	ug/l #	86
29) 1,1-Dichloropropene	8.371	75	52906	14.946	ug/l	96
30) 2-Butanone	7.483	43	119449	76.259	ug/l #	89
31) 2,2-Dichloropropane	7.489	77	58734	13.812	ug/l #	80
32) 1,1,1-Trichloroethane	8.171	97	54629	14.025	ug/l #	93
33) Carbon Tetrachloride	8.365	117	42354	13.769	ug/l	90
34) Benzene	8.606	78	162339	15.462	ug/l	96
35) Methacrylonitrile	7.777	41	31857	16.208	ug/l	88
36) 1,2-Dichloroethane	8.665	62	54135	14.022	ug/l	96
37) Trichloroethene	9.353	130	33404	14.588	ug/l	91
38) Methylcyclohexane	9.600	83	52644	15.266	ug/l	92
39) 1,2-Dichloropropane	9.618	63	45856	16.204	ug/l	96
40) Dibromomethane	9.712	93	25306	15.029	ug/l	83
41) Bromodichloromethane	9.883	83	53565	14.537	ug/l #	98
42) Vinyl Acetate	6.600	43	551266	75.722	ug/l #	93

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 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 01/23/2024

Supervised By :Mahesh
 Dadoda
 01/23/2024

Quant Time: Jan 23 01:32:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 05:20:11 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	52888	16.080	ug/l	98
44) Isopropyl Acetate	8.688	43	94295	15.018	ug/l	91
45) 1,4-Dioxane	9.694	88	10691	299.395	ug/l #	92
46) Methyl methacrylate	9.683	41	45744	15.472	ug/l	82
47) n-amyl Acetate	12.494	43	81626	14.488	ug/l #	87
48) t-1,3-Dichloropropene	10.835	75	59299	13.658	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	64983	14.102	ug/l #	87
50) 1,1,2-Trichloroethane	11.024	97	34688	15.001	ug/l	94
51) Ethyl methacrylate	10.871	69	58416	14.614	ug/l #	67
52) 1,3-Dichloropropane	11.165	76	65333	15.008	ug/l	98
53) Dibromochloromethane	11.359	129	31619	13.664	ug/l	96
54) 1,2-Dibromoethane	11.471	107	33412	14.699	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	152216	74.085	ug/l	94
56) Bromoform	12.576	173	17979	13.153	ug/l #	94
58) 4-Methyl-2-Pentanone	10.441	43	267237	80.946	ug/l #	83
59) 2-Hexanone	11.194	43	189464	76.863	ug/l #	86
61) Tetrachloroethene	11.106	164	26580	15.910	ug/l	97
62) Toluene	10.630	91	161733	16.022	ug/l	99
64) Chlorobenzene	11.894	112	84616	15.050	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.959	131	29170	14.440	ug/l	91
66) Ethyl Benzene	11.965	91	171613	16.164	ug/l	91
67) m/p-Xylenes	12.071	106	118909	31.162	ug/l	95
68) o-Xylene	12.400	106	60054	15.780	ug/l	96
69) Styrene	12.412	104	98468	15.401	ug/l	98
70) Isopropylbenzene	12.694	105	147727	15.883	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	45834	15.097	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	46152m	16.040	ug/l	
73) Bromobenzene	12.982	156	30201	15.234	ug/l	75
74) n-propylbenzene	13.035	91	178176	15.884	ug/l	98
75) 2-Chlorotoluene	13.123	91	107255	15.205	ug/l	98
76) 1,3,5-Trimethylbenzene	13.171	105	120192	15.526	ug/l	96
77) t-1,4-Dichloro-2-butene	12.735	75	17689	14.996	ug/l	93
78) 4-Chlorotoluene	13.223	91	106849	15.153	ug/l	98
79) tert-butylbenzene	13.441	119	96439	15.960	ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	117744	15.546	ug/l	100
81) sec-Butylbenzene	13.618	105	139907	15.728	ug/l	94
82) p-Isopropyltoluene	13.729	119	108491	15.993	ug/l	97
83) 1,3-Dichlorobenzene	13.735	146	55298	16.078	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	53249	15.376	ug/l	97
85) n-Butylbenzene	14.059	91	102500	15.293	ug/l	96
86) Hexachloroethane	14.335	117	18234	14.294	ug/l	77
87) 1,2-Dichlorobenzene	14.106	146	54375	16.116	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.729	75	7646m	12.097	ug/l	
89) 1,2,4-Trichlorobenzene	15.841	180	24106	14.245	ug/l	98
90) Hexachlorobutadiene	15.500	225	10748	13.862	ug/l	96
91) Naphthalene	15.641	128	95056	14.409	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	24106	14.245	ug/l	98

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

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Manual Integrations

APPROVED

Reviewed By :John

Carlone

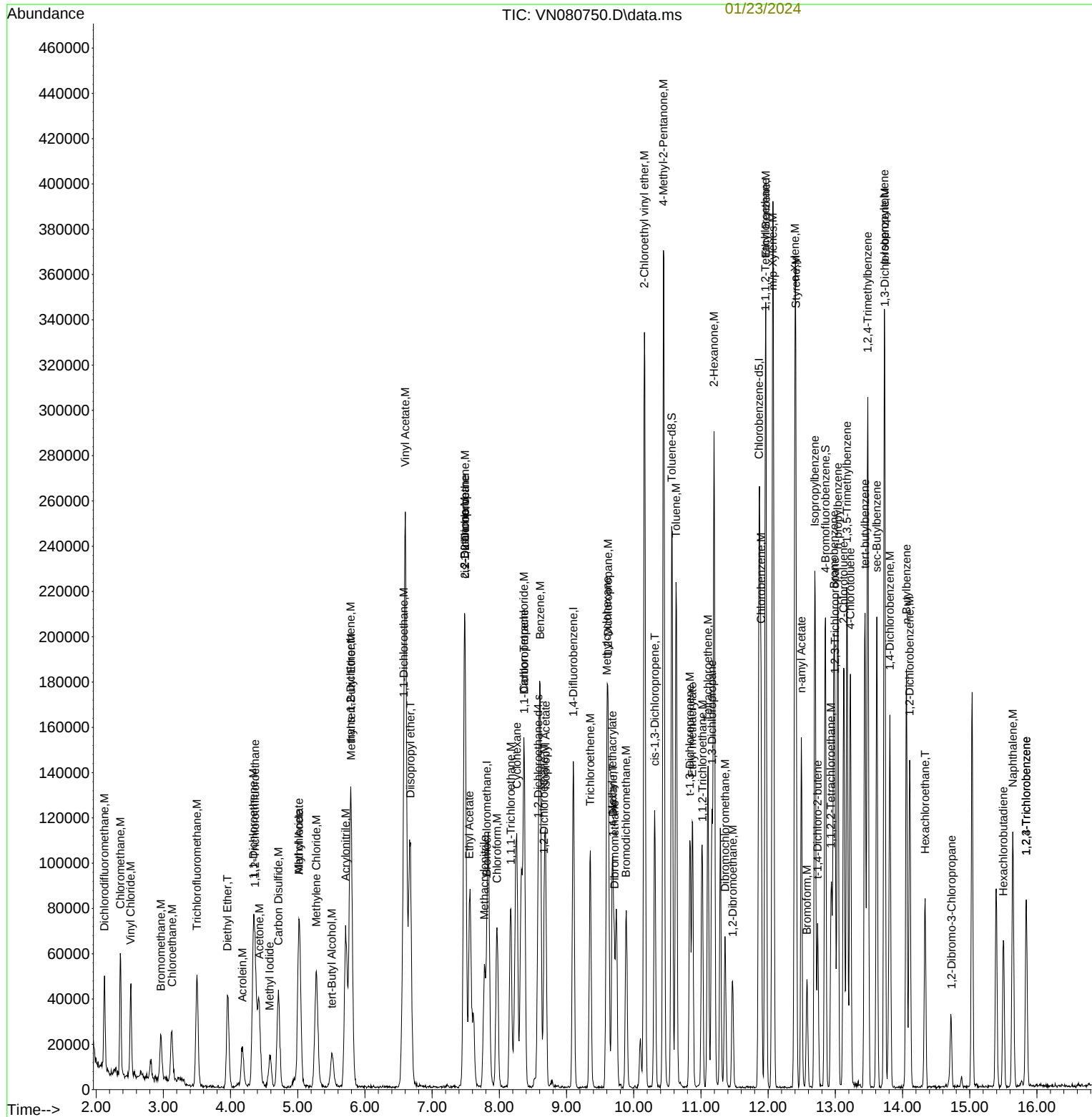
01/23/2024

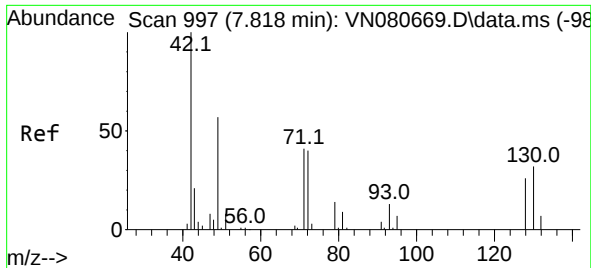
Supervised By :Mahesh

Dadoda

01/23/2024

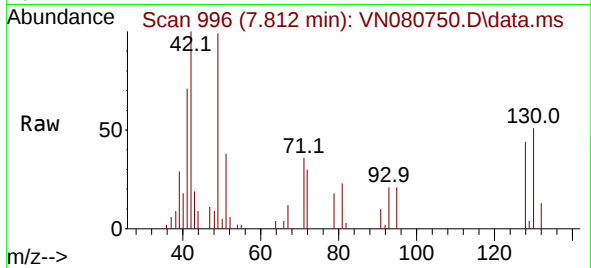
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 12 05:20:11 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

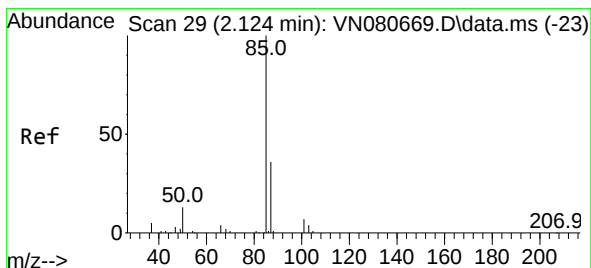
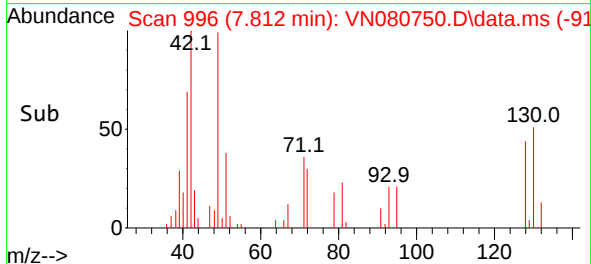
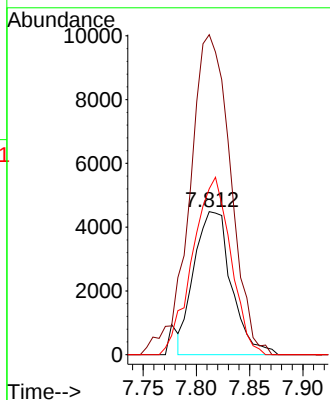


Tgt Ion:128 Resp: 10920
Ion Ratio Lower Upper
128 100
49 246.0 0.0 403.7
130 127.2 0.0 323.3

Manual Integrations
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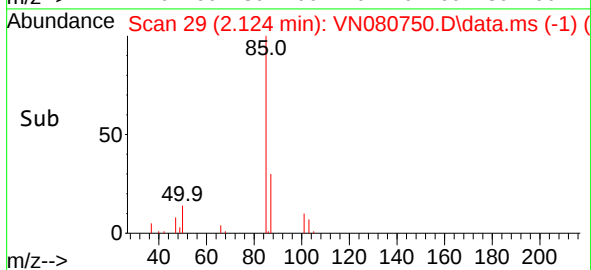
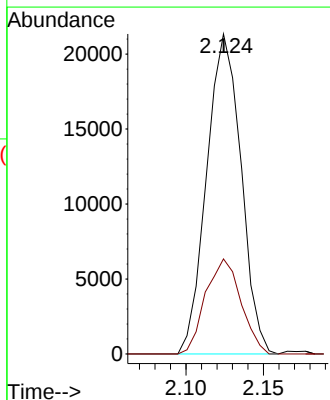
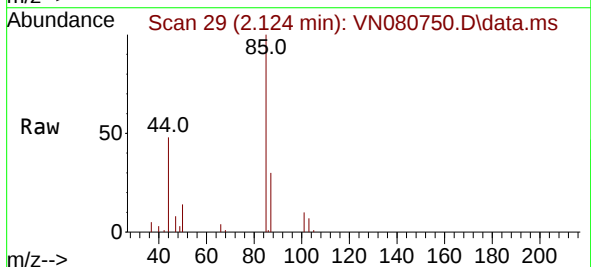
Reviewed By :John
Carlone
01/23/2024

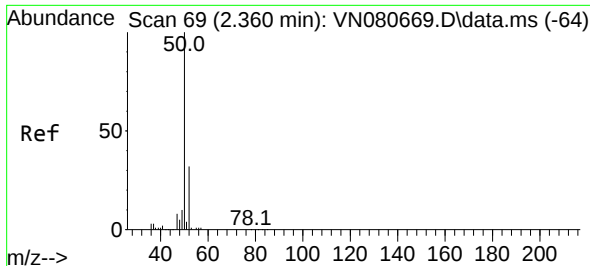
Supervised By :Mahesh
Dadoda
01/23/2024



#2
Dichlorodifluoromethane
Concen: 17.710 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

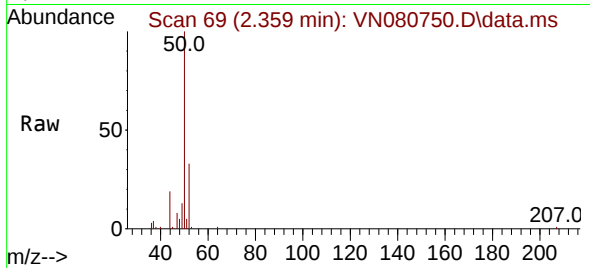
Tgt Ion: 85 Resp: 32887
Ion Ratio Lower Upper
85 100
87 29.7 16.8 50.3





#3
Chloromethane
Concen: 19.098 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.001 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

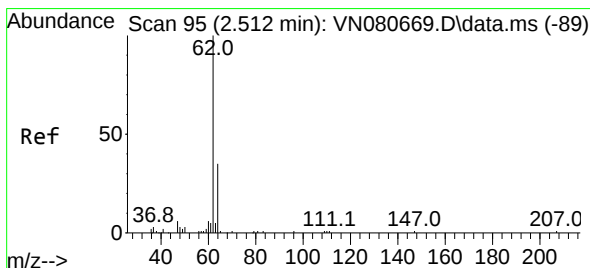
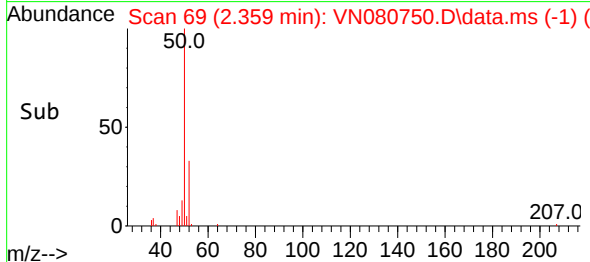
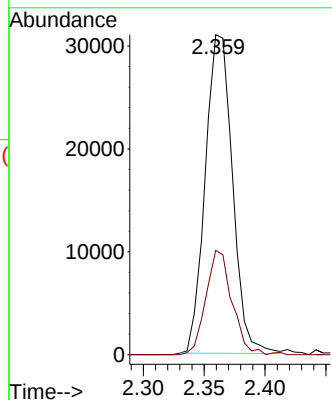


Tgt Ion: 50 Resp: 48309
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.0

Manual Integrations
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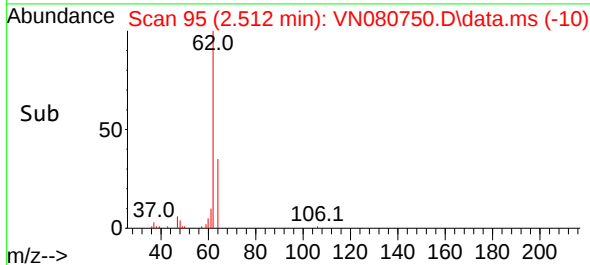
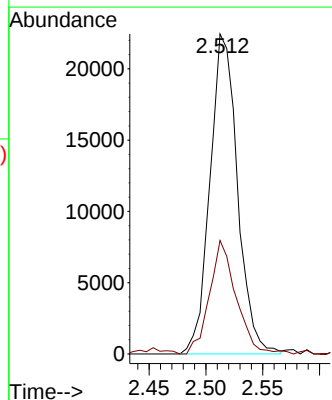
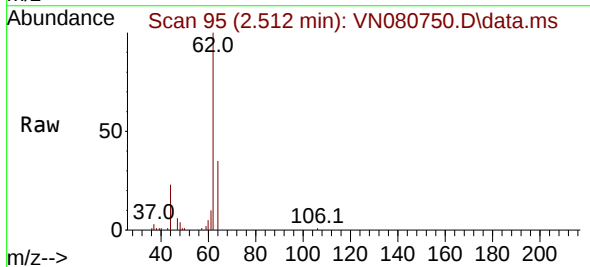
Reviewed By :John
Carlone
01/23/2024

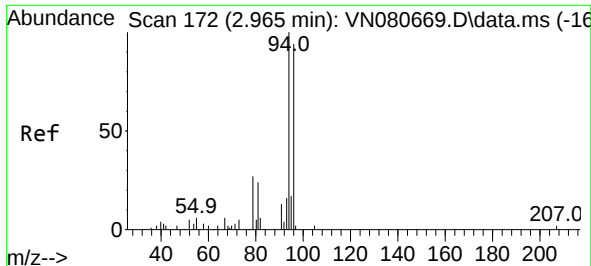
Supervised By :Mahesh
Dadoda
01/23/2024



#4
Vinyl Chloride
Concen: 19.680 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

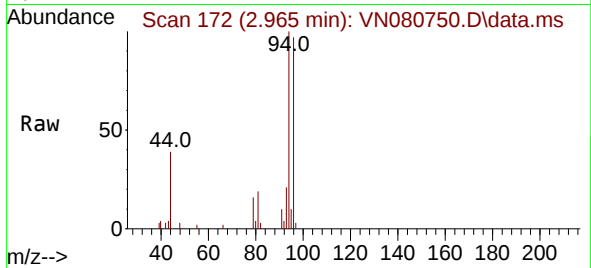
Tgt Ion: 62 Resp: 37868
Ion Ratio Lower Upper
62 100
64 35.5 24.1 36.1





#5
Bromomethane
Concen: 20.103 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

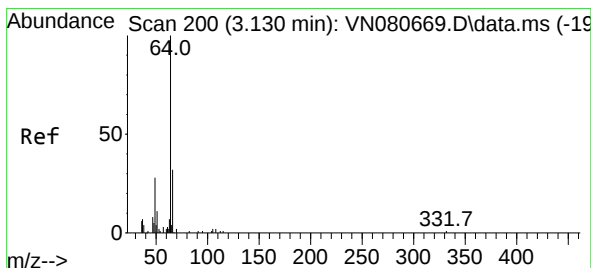
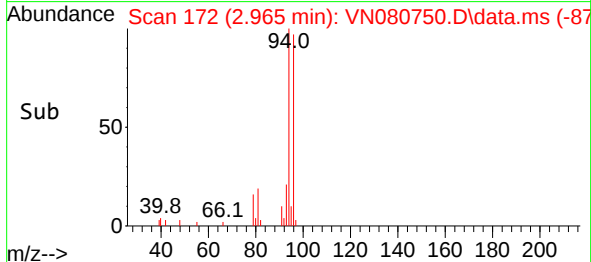
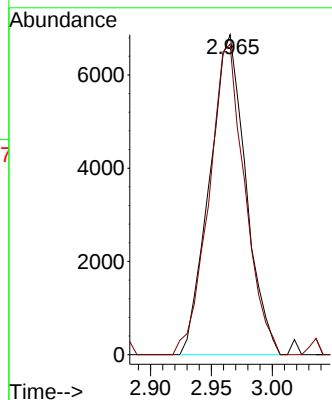


Tgt Ion: 94 Resp: 14204
Ion Ratio Lower Upper
94 100
96 97.1 72.8 109.2

Manual Integrations
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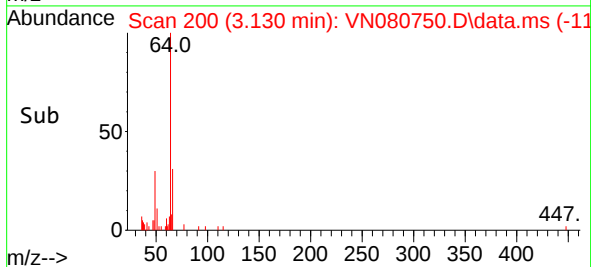
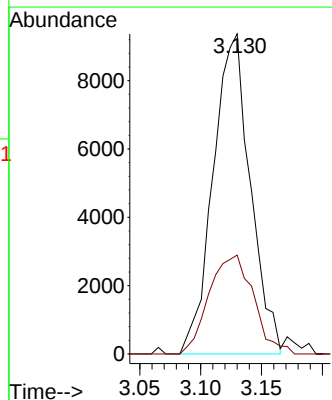
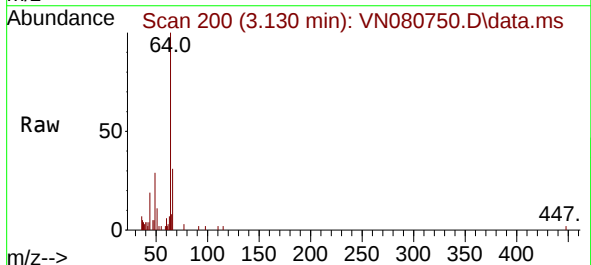
Reviewed By :John
Carlone
01/23/2024

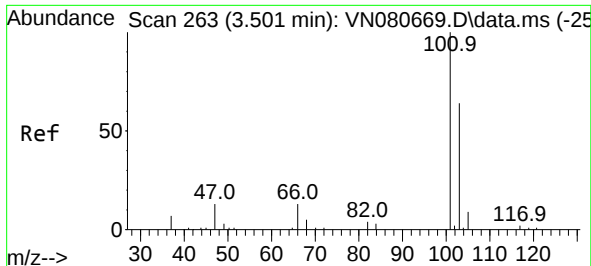
Supervised By :Mahesh
Dadoda
01/23/2024



#6
Chloroethane
Concen: 19.178 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

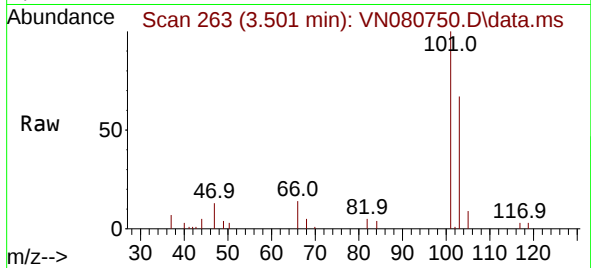
Tgt Ion: 64 Resp: 19951
Ion Ratio Lower Upper
64 100
66 30.9 26.7 40.1





#7
Trichlorofluoromethane
Concen: 17.146 ug/l
RT: 3.501 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

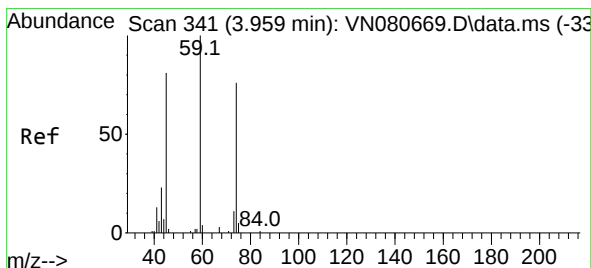
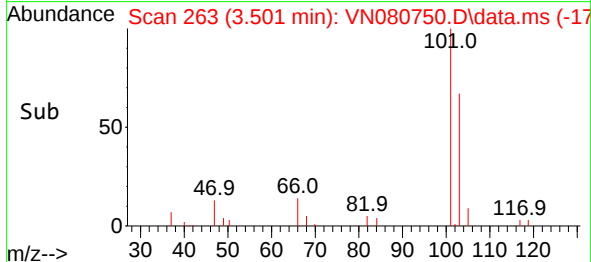
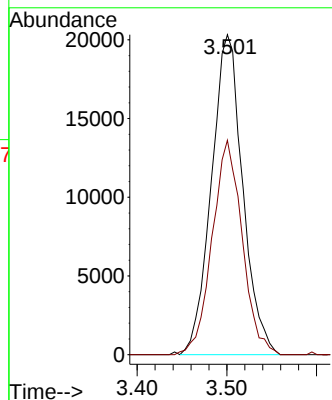


Tgt Ion:101 Resp: 49289
Ion Ratio Lower Upper
101 100
103 67.0 53.0 79.4

Manual Integrations
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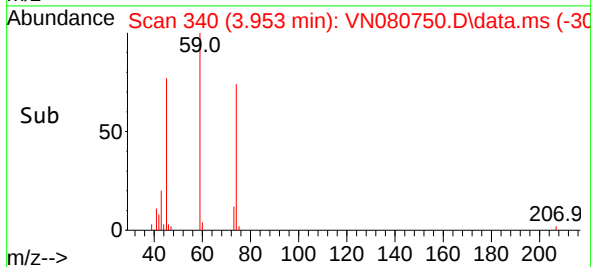
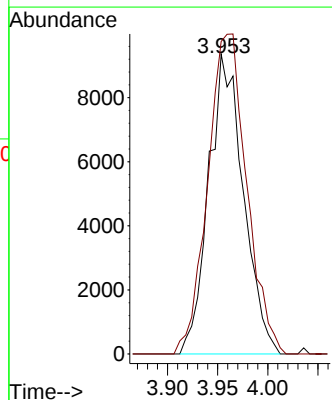
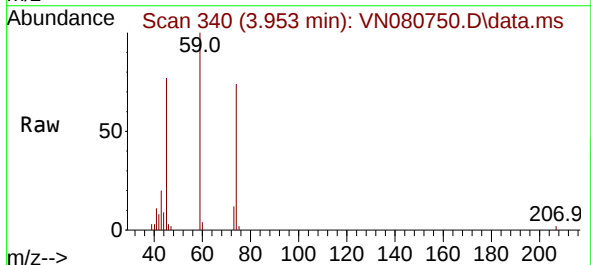
Reviewed By :John
Carlone
01/23/2024

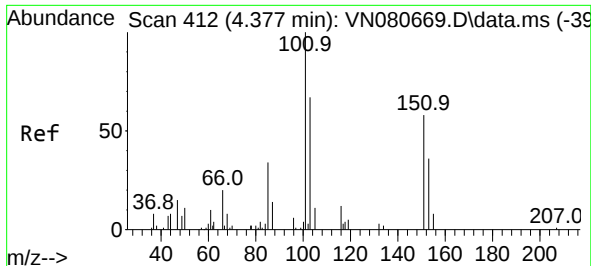
Supervised By :Mahesh
Dadoda
01/23/2024



#8
Diethyl Ether
Concen: 16.873 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

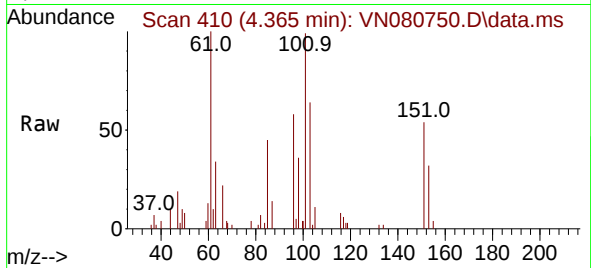
Tgt Ion: 74 Resp: 22572
Ion Ratio Lower Upper
74 100
45 119.5 16.4 147.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.411 ug/l m
RT: 4.365 min Scan# 412
Delta R.T. -0.012 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :
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VSTDCCC020EC

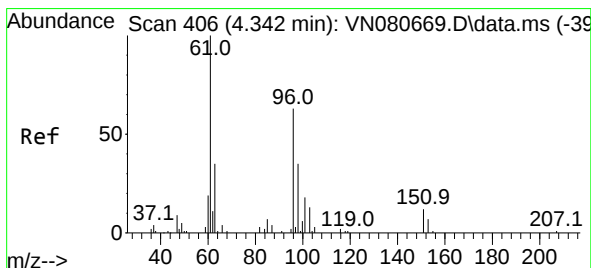
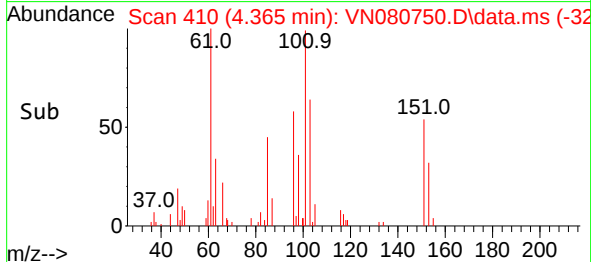
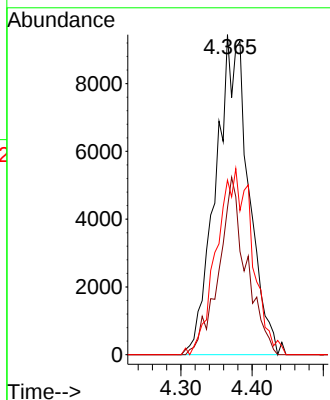


Tgt Ion:101 Resp: 3049
Ion Ratio Lower Upper
101 100
85 36.5 0.0 90.6
151 0.2 0.0 157.6

Manual Integrations
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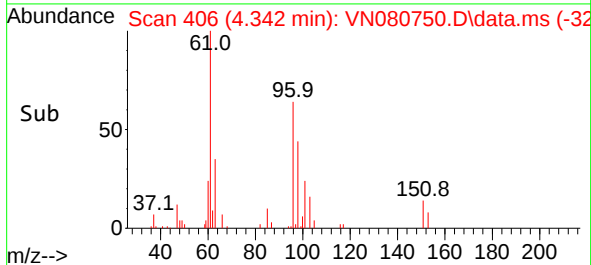
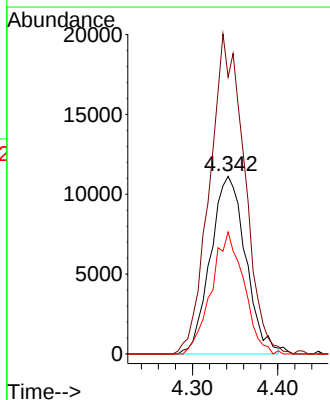
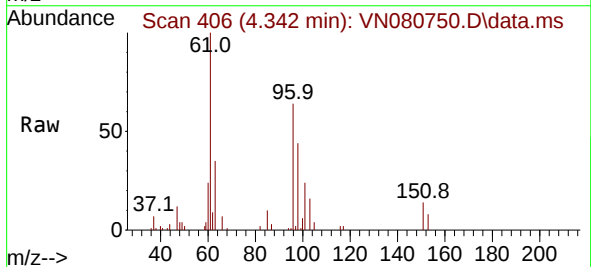
Reviewed By :John
Carlone
01/23/2024

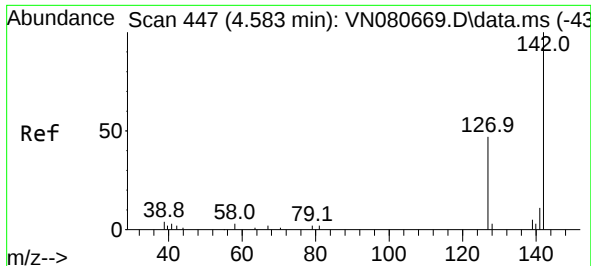
Supervised By :Mahesh
Dadoda
01/23/2024



#10
1,1-Dichloroethene
Concen: 17.879 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Tgt Ion: 96 Resp: 31815
Ion Ratio Lower Upper
96 100
61 154.2 117.6 176.4
98 68.7 48.4 72.6





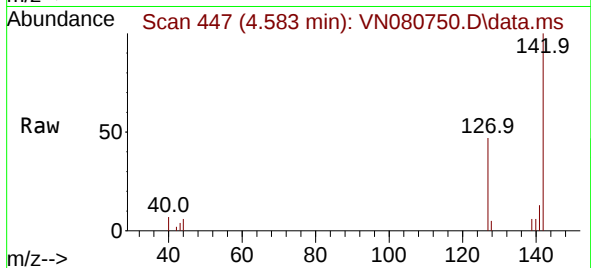
#11
Methyl Iodide
Concen: 16.231 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion:142 Resp: 24634
Ion Ratio Lower Upper
142 100
127 48.3 26.3 78.9
141 13.9 8.3 24.9

Manual Integrations
APPROVED

Reviewed By :John

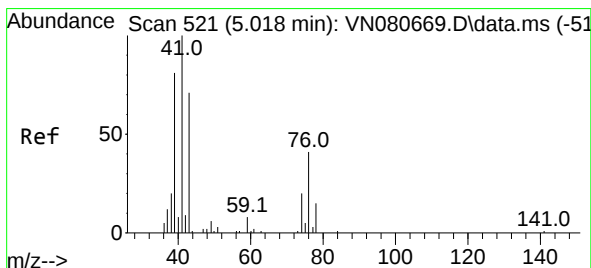
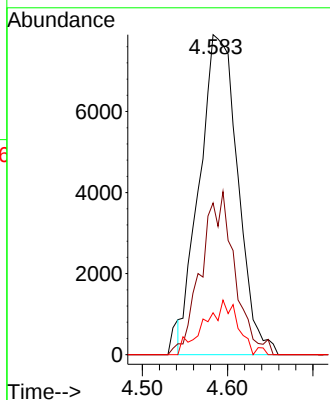
Carlone

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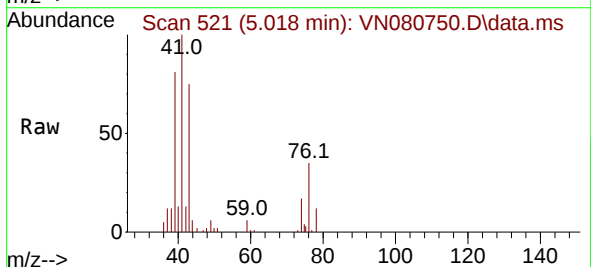
Supervised By :Mahesh

Dadoda

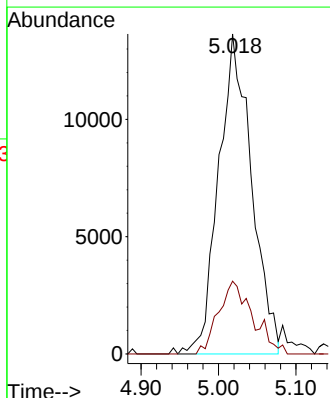
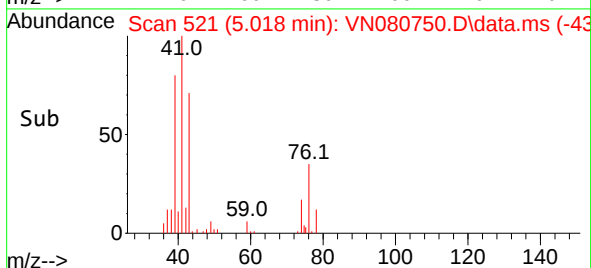
01/23/2024

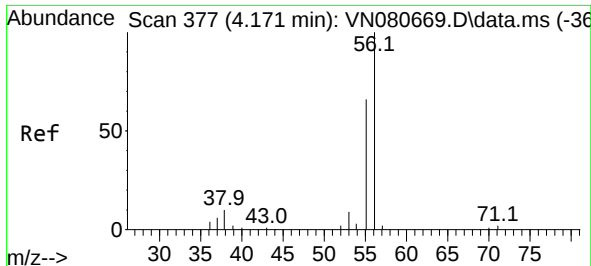


#12
Methyl Acetate
Concen: 19.184 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56



Tgt Ion: 43 Resp: 40386
Ion Ratio Lower Upper
43 100
74 22.3 27.7 41.5#





#13

Acrolein

Concen: 87.085 ug/l m

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN080750.D

Acq: 22 Jan 2024 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 56 Resp: 24370

Ion Ratio Lower Upper

56 100

55 38.3 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John

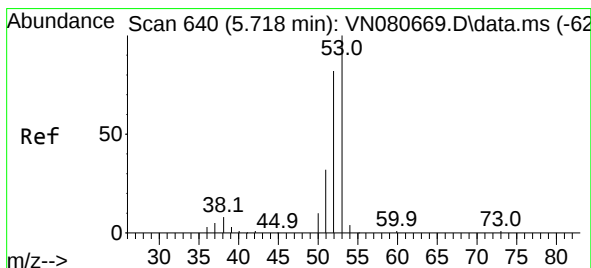
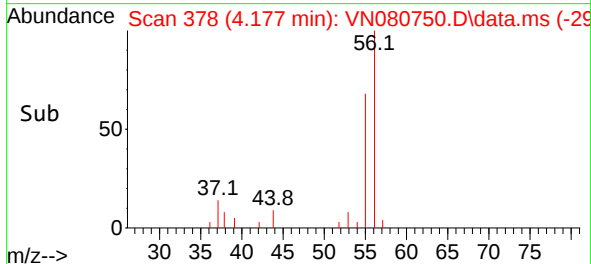
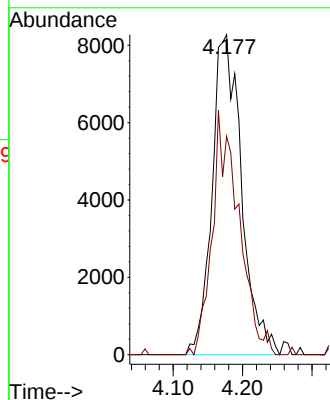
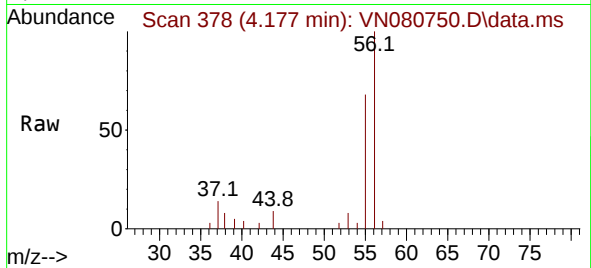
Carlone

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#14

Acrylonitrile

Concen: 95.263 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.006 min

Lab File: VN080750.D

Acq: 22 Jan 2024 20:56

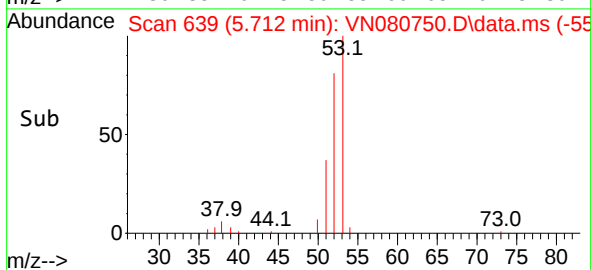
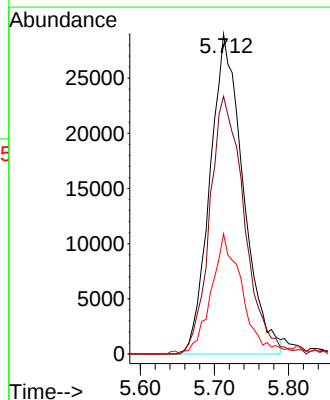
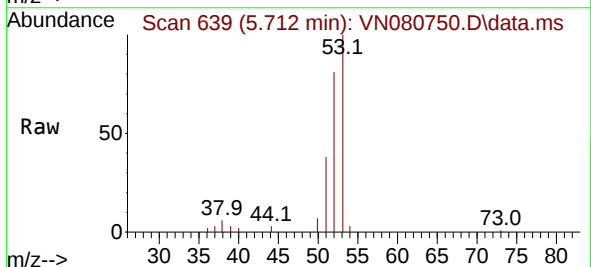
Tgt Ion: 53 Resp: 90372

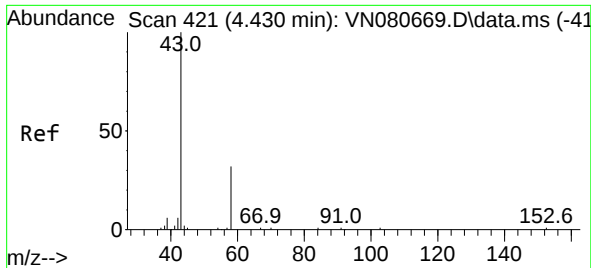
Ion Ratio Lower Upper

53 100

52 83.2 41.3 123.9

51 33.9 16.8 50.3





#15

Acetone

Concen: 92.449 ug/l m

RT: 4.430 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN080750.D

Acq: 22 Jan 2024 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 1989

Ion Ratio Lower Upper

58 100

43 278.8 223.1 334.7

Manual Integrations

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Reviewed By :John

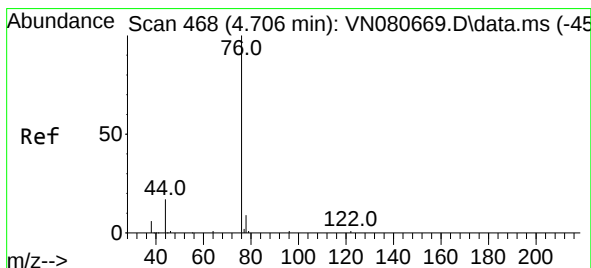
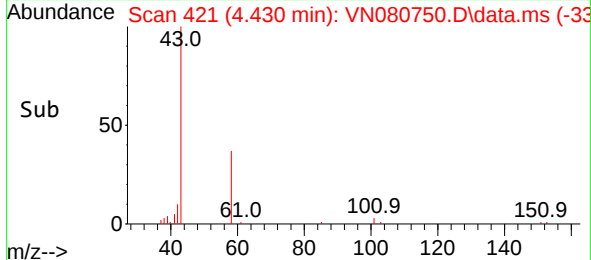
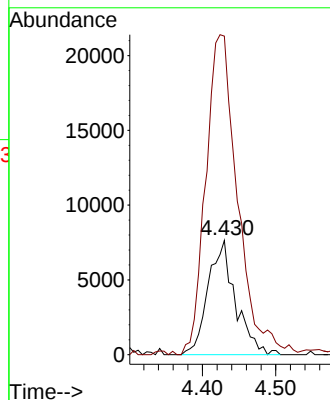
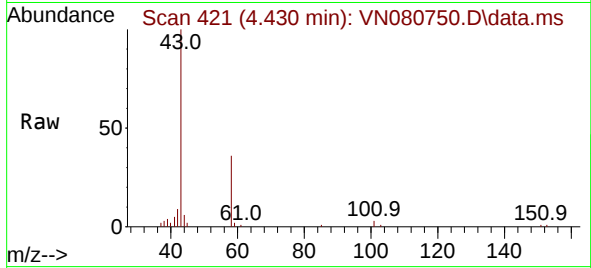
Carlone

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Supervised By :Mahesh

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01/23/2024



#16

Carbon Disulfide

Concen: 16.643 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN080750.D

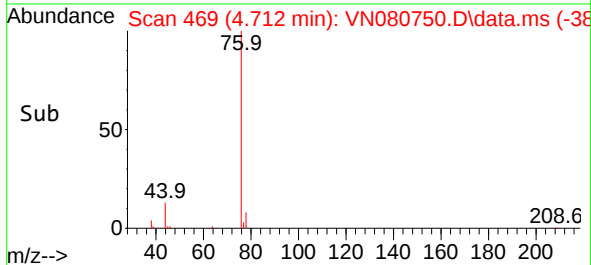
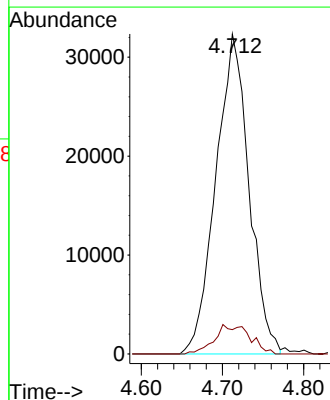
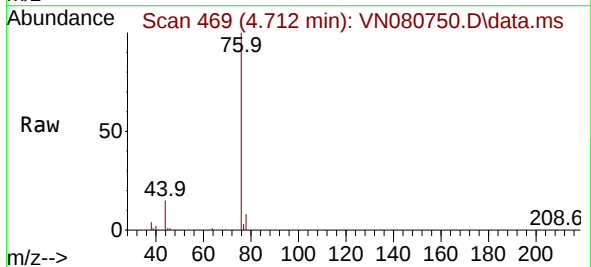
Acq: 22 Jan 2024 20:56

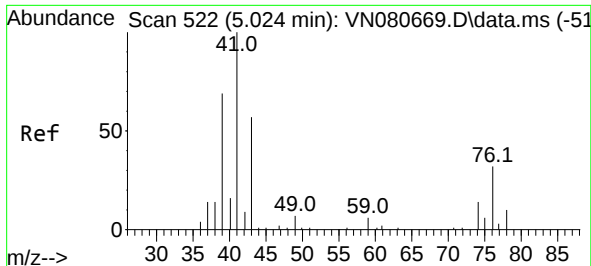
Tgt Ion: 76 Resp: 91743

Ion Ratio Lower Upper

76 100

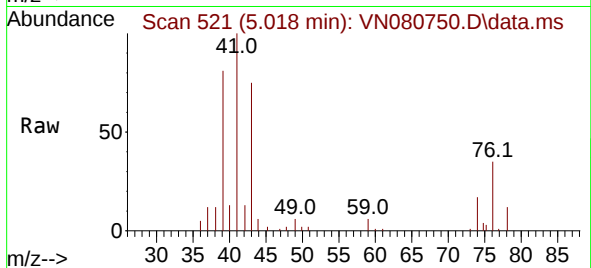
78 7.6 6.3 9.5





#17
Allyl chloride
Concen: 17.577 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



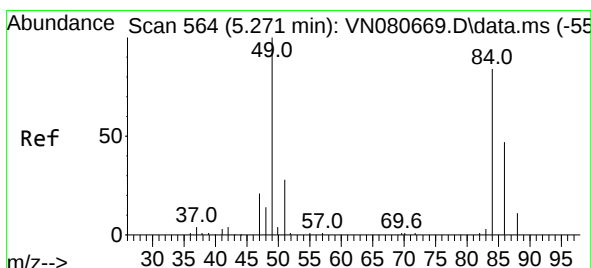
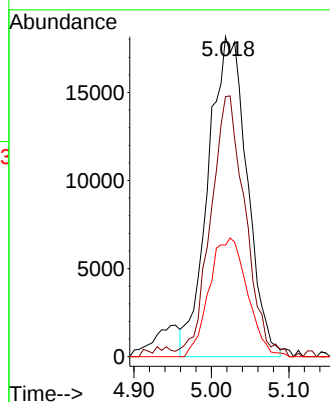
Tgt Ion: 41 Resp: 63314

Ion	Ratio	Lower	Upper
41	100		
39	81.1	37.6	112.9
76	35.7	27.8	83.4

Manual Integrations
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Reviewed By :John
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01/23/2024

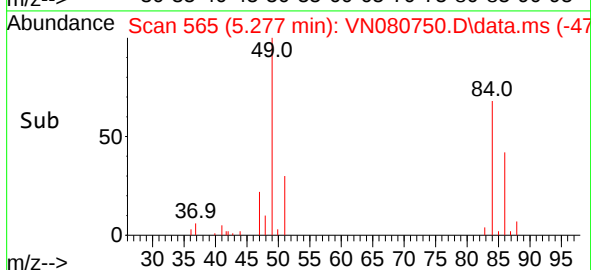
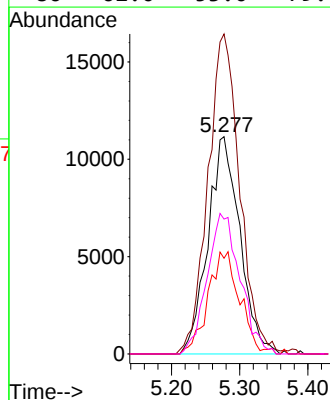
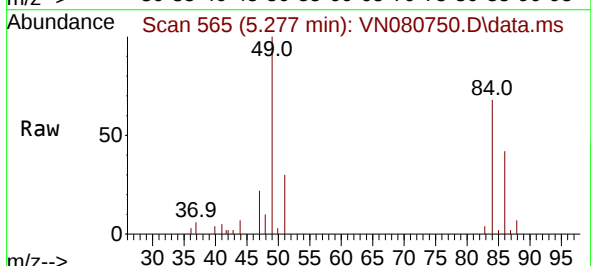
Supervised By :Mahesh
Dadoda
01/23/2024

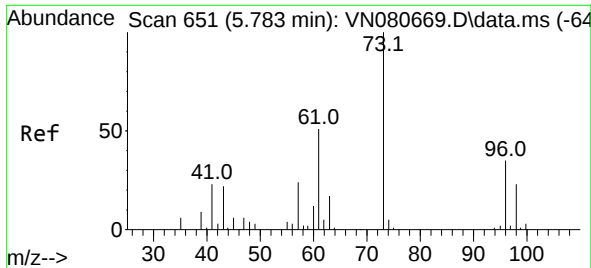


#18
Methylene Chloride
Concen: 17.615 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Tgt Ion: 84 Resp: 36423

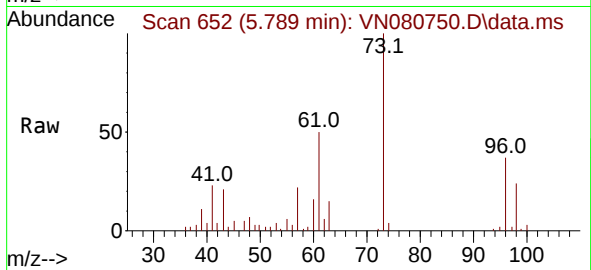
Ion	Ratio	Lower	Upper
84	100		
49	145.9	86.0	129.0
51	44.0	30.0	45.0
86	62.0	53.0	79.4





#19
trans-1,2-Dichloroethene
Concen: 18.150 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

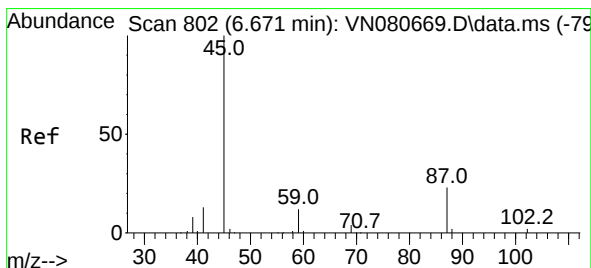
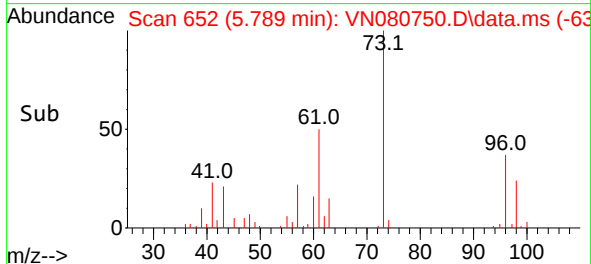
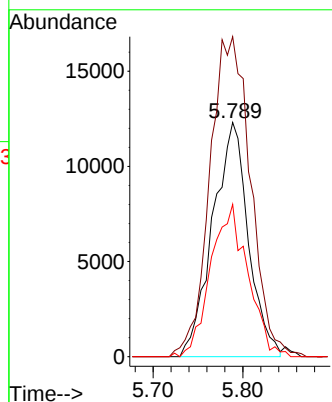


Tgt Ion: 96 Resp: 3395
Ion Ratio Lower Upper
96 100
61 132.8 111.8 167.6
98 65.1 49.2 73.8

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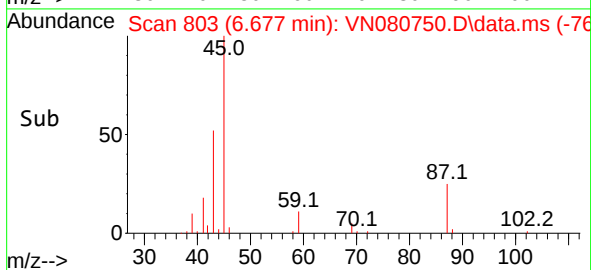
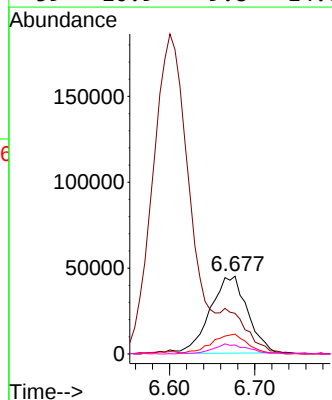
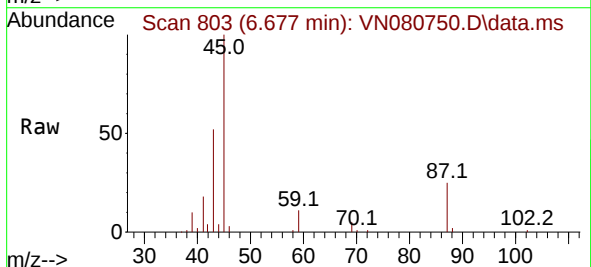
Reviewed By :John
Carlone
01/23/2024

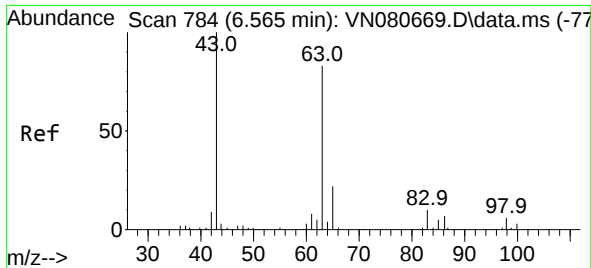
Supervised By :Mahesh
Dadoda
01/23/2024



#20
Diisopropyl ether
Concen: 18.526 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Tgt Ion: 45 Resp: 135415
Ion Ratio Lower Upper
45 100
43 50.1 40.4 60.6
87 24.5 23.8 35.8
59 10.9 9.8 14.6





#21
1,1-Dichloroethane
Concen: 19.165 ug/l m
RT: 6.577 min Scan# 786
Delta R.T. 0.012 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

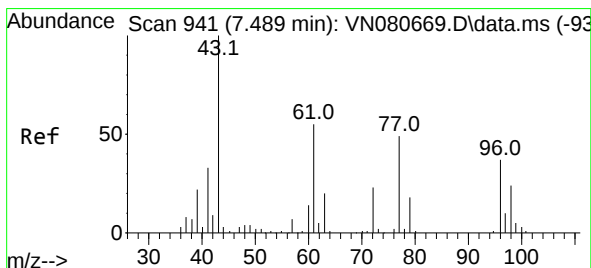
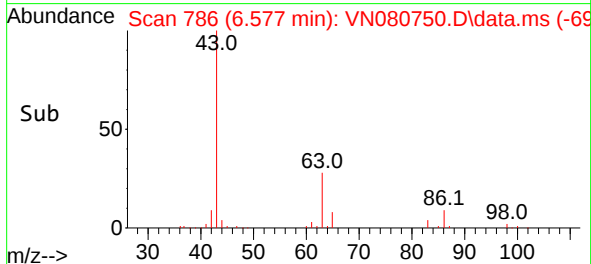
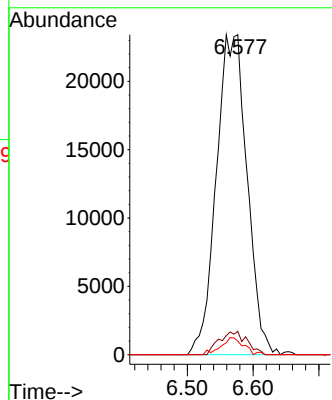
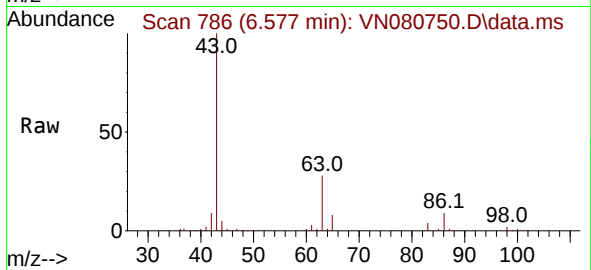
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 7607
Ion Ratio Lower Upper
63 100
98 7.3 4.1 12.3
100 4.3 3.0 9.0

Manual Integrations
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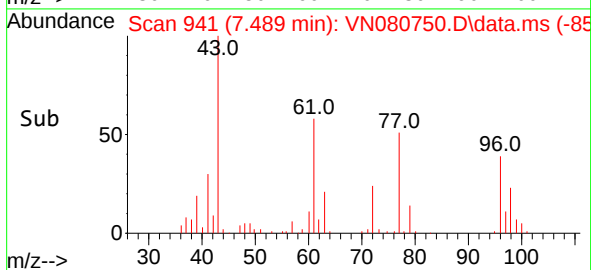
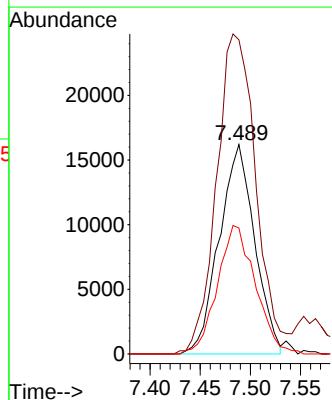
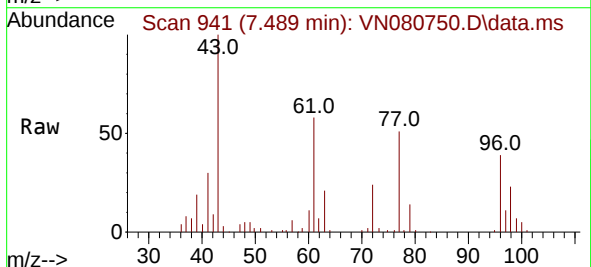
Reviewed By :John
Carlone
01/23/2024

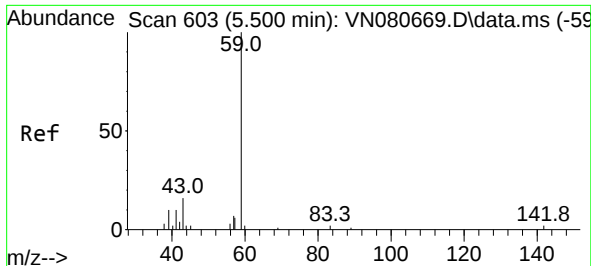
Supervised By :Mahesh
Dadoda
01/23/2024



#22
cis-1,2-Dichloroethene
Concen: 18.212 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

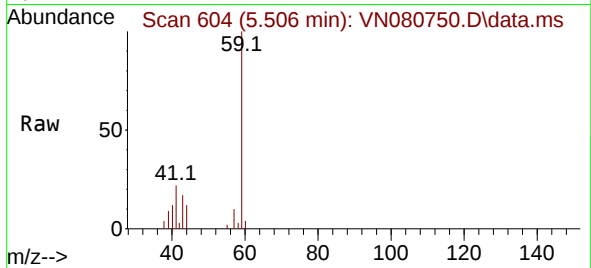
Tgt Ion: 96 Resp: 39859
Ion Ratio Lower Upper
96 100
61 170.0 113.5 170.3
98 65.6 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 85.170 ug/l
RT: 5.506 min Scan# 603
Delta R.T. 0.006 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

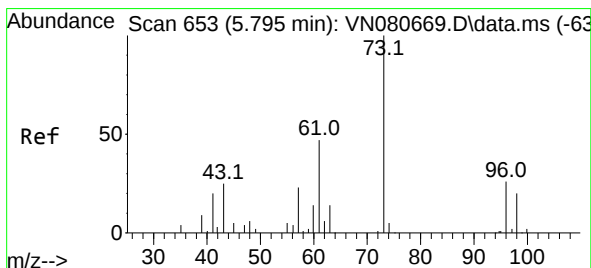
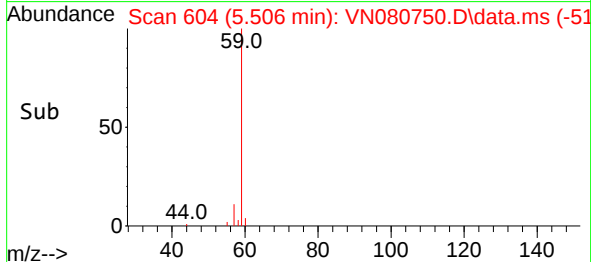
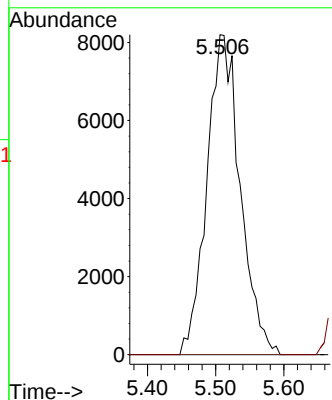


Tgt Ion: 59 Resp: 27860
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
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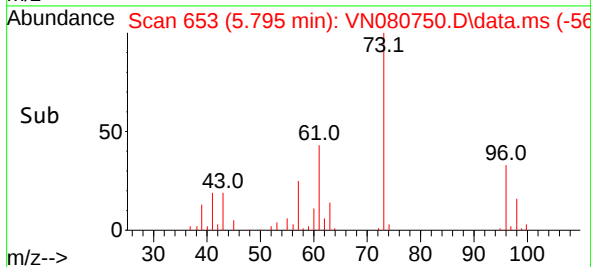
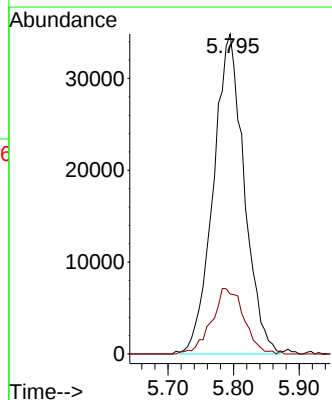
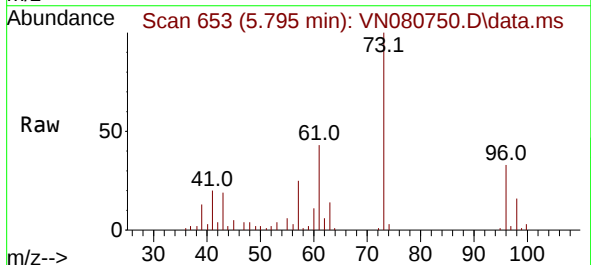
Reviewed By :John
Carlone
01/23/2024

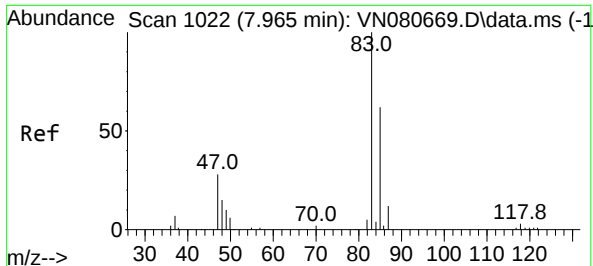
Supervised By :Mahesh
Dadoda
01/23/2024



#24
Methyl tert-Butyl Ether
Concen: 17.675 ug/l
RT: 5.795 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Tgt Ion: 73 Resp: 113716
Ion Ratio Lower Upper
73 100
43 14.9 13.4 20.2





#25

Chloroform

Concen: 18.148 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN080750.D

Acq: 22 Jan 2024 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 67072

Ion Ratio Lower Upper

83 100

85 63.7 50.9 76.3

Manual Integrations

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Reviewed By :John

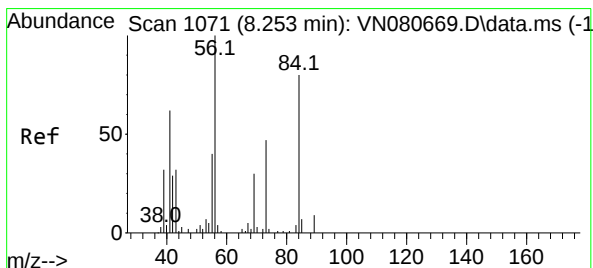
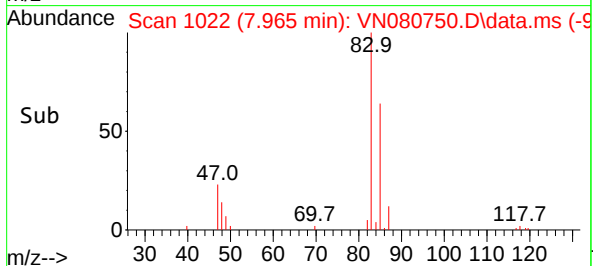
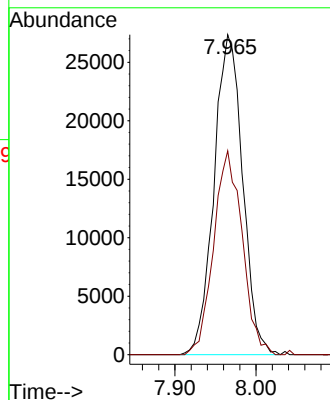
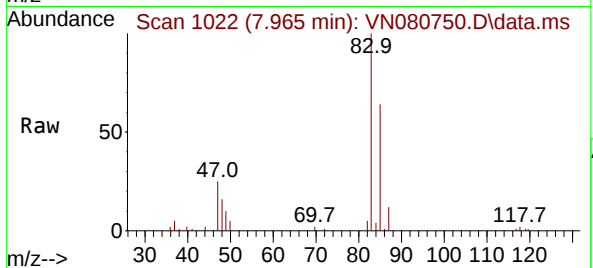
Carlone

01/23/2024

Supervised By :Mahesh

Dadoda

01/23/2024



#26

Cyclohexane

Concen: 19.396 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.006 min

Lab File: VN080750.D

Acq: 22 Jan 2024 20:56

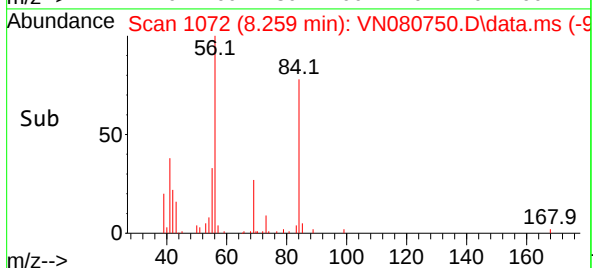
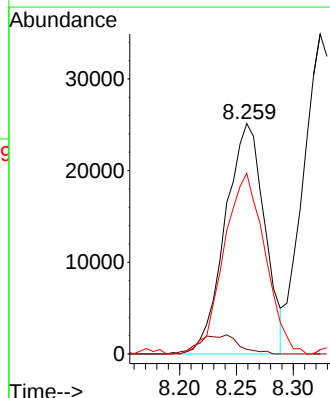
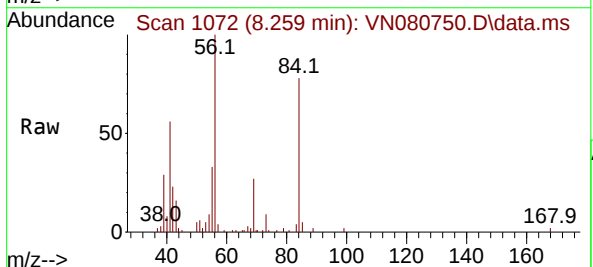
Tgt Ion: 56 Resp: 60545

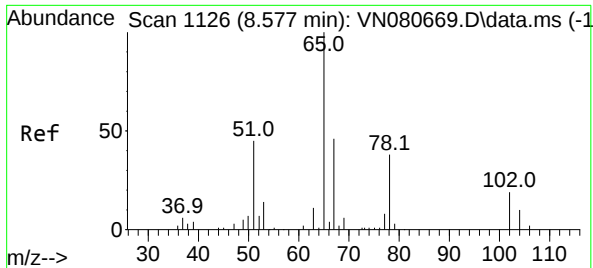
Ion Ratio Lower Upper

56 100

89 4.8 19.3 28.9

84 81.8 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 32.774 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDC020EC

Tgt Ion: 65 Resp: 5782
Ion Ratio Lower Upper
65 100
67 55.2 43.2 64.8

Manual Integrations
APPROVED

Reviewed By :John

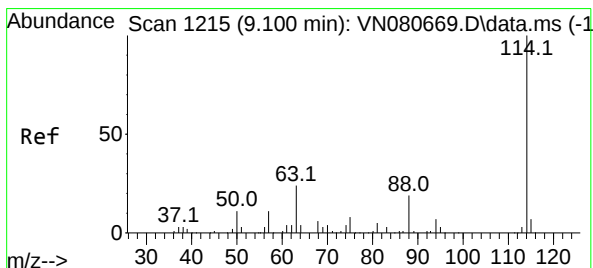
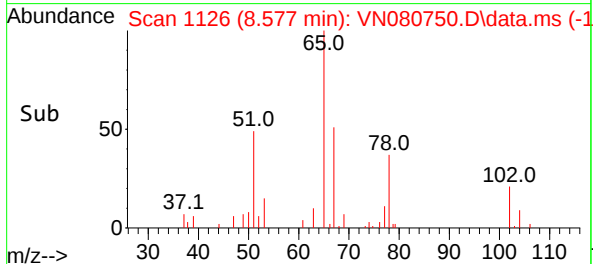
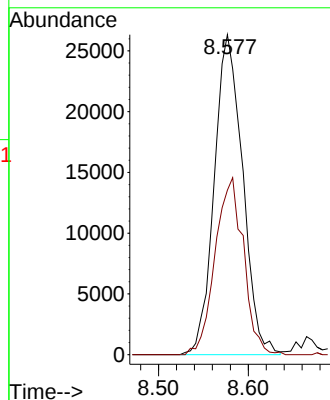
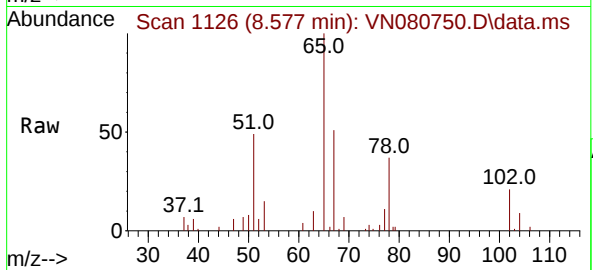
Carlone

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Supervised By :Mahesh

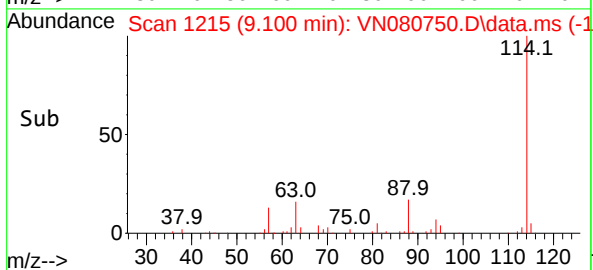
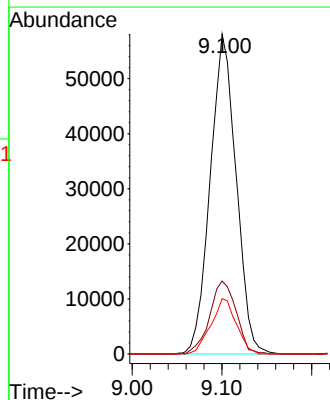
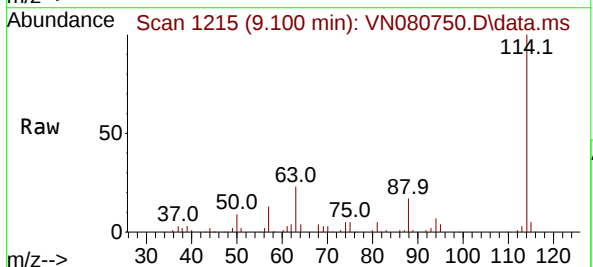
Dadoda

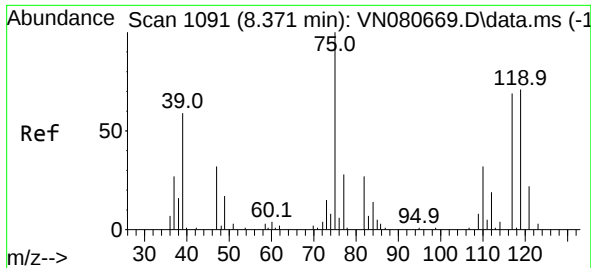
01/23/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Tgt Ion:114 Resp: 116447
Ion Ratio Lower Upper
114 100
63 23.2 15.9 23.9
88 16.8 12.7 19.1





#29

1,1-Dichloropropene

Concen: 14.946 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN080750.D

Acq: 22 Jan 2024 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 52900

Ion	Ratio	Lower	Upper
75	100		
110	30.8	0.0	70.2
77	30.2	0.0	61.4

Manual Integrations

APPROVED

Reviewed By :John

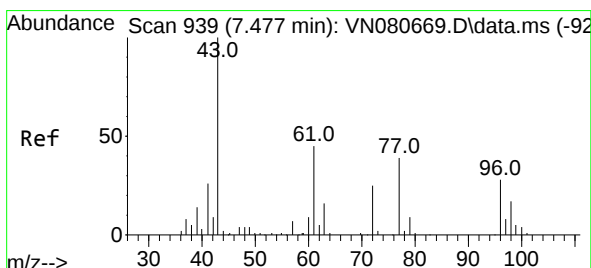
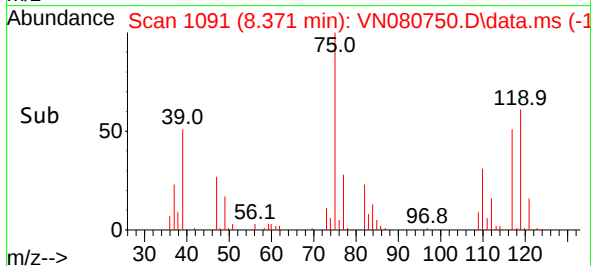
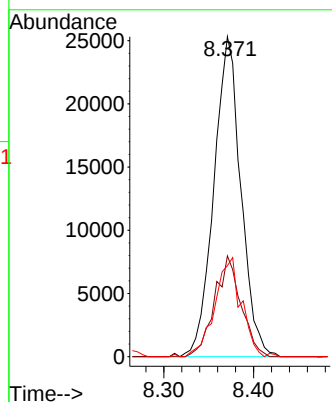
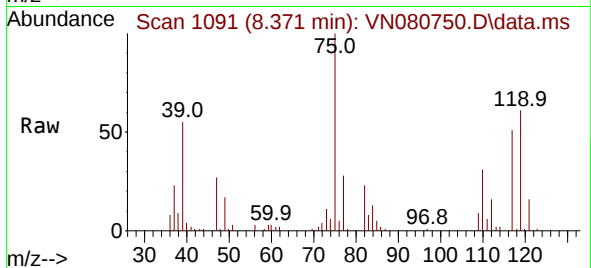
Carlone

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Supervised By :Mahesh

Dadoda

01/23/2024



#30

2-Butanone

Concen: 76.259 ug/l

RT: 7.483 min Scan# 940

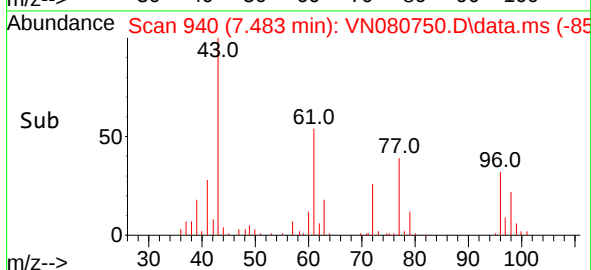
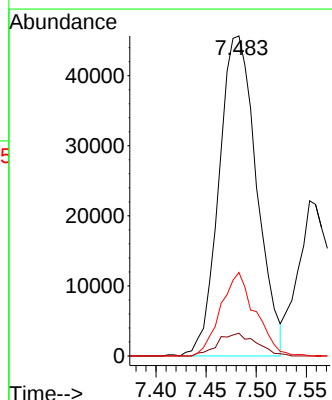
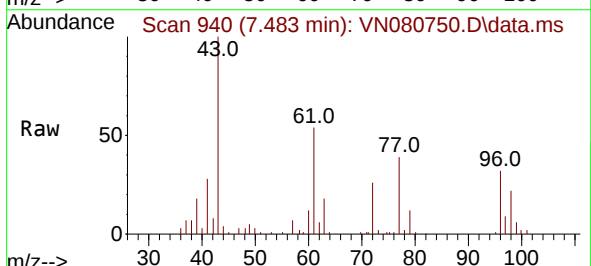
Delta R.T. 0.006 min

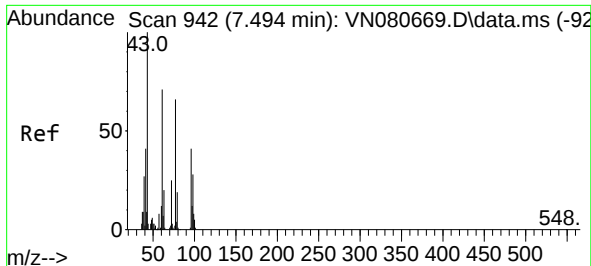
Lab File: VN080750.D

Acq: 22 Jan 2024 20:56

Tgt Ion: 43 Resp: 119449

Ion	Ratio	Lower	Upper
43	100		
57	4.8	6.7	10.1#
72	24.0	24.0	36.0





#31

2,2-Dichloropropane

Concen: 13.812 ug/l

RT: 7.489 min Scan# 94

Delta R.T. -0.005 min

Lab File: VN080750.D

Acq: 22 Jan 2024 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 77 Resp: 58734

Ion Ratio Lower Upper

77 100

97 13.3 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John

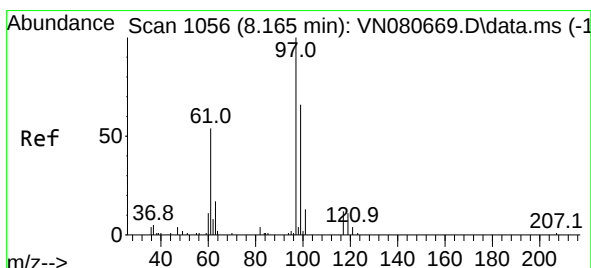
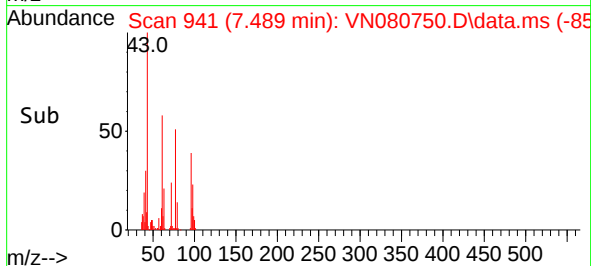
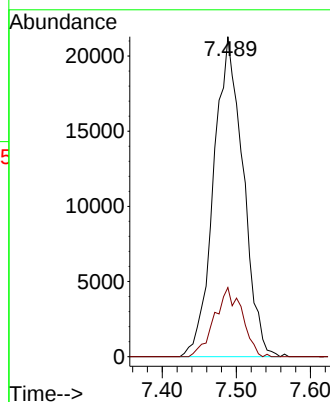
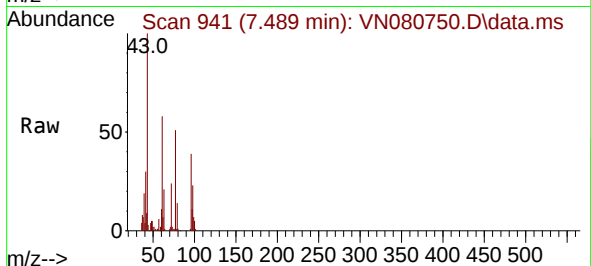
Carlone

01/23/2024

Supervised By :Mahesh

Dadoda

01/23/2024



#32

1,1,1-Trichloroethane

Concen: 14.025 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080750.D

Acq: 22 Jan 2024 20:56

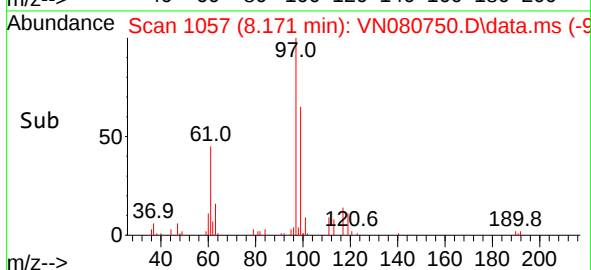
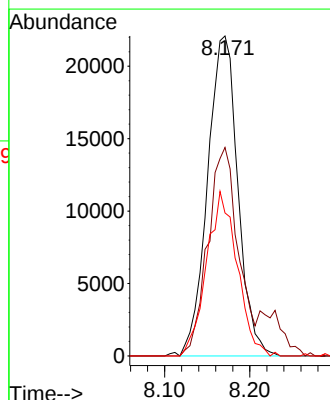
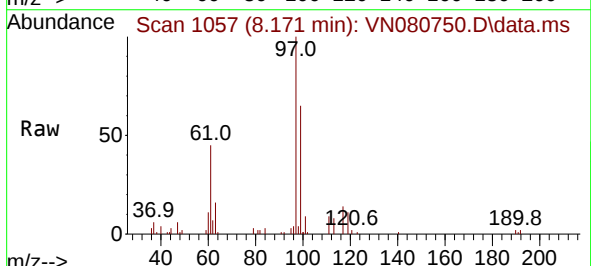
Tgt Ion: 97 Resp: 54629

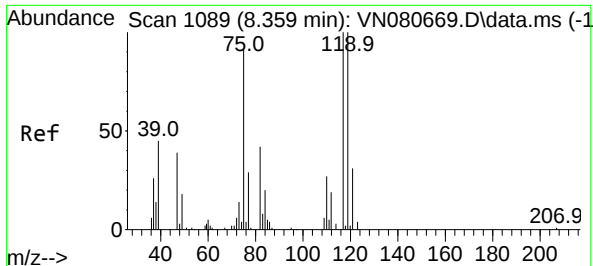
Ion Ratio Lower Upper

97 100

99 65.3 51.0 76.4

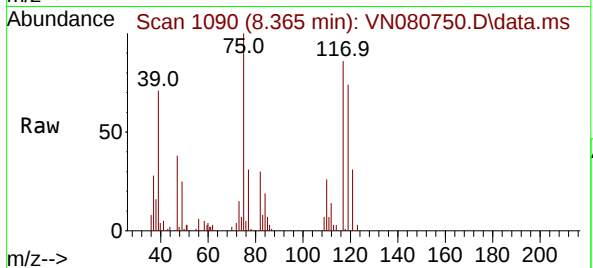
61 51.8 33.8 50.8





#33
Carbon Tetrachloride
Concen: 13.769 ug/l
RT: 8.365 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

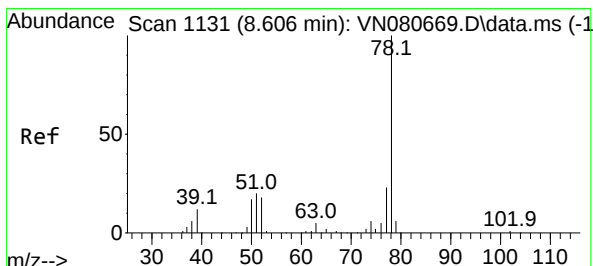
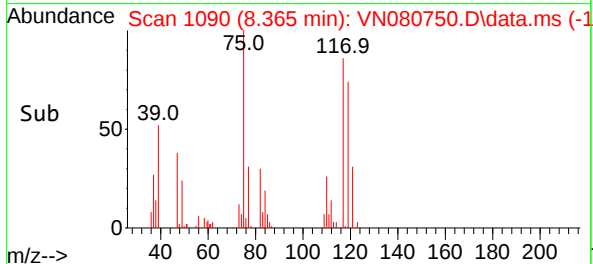
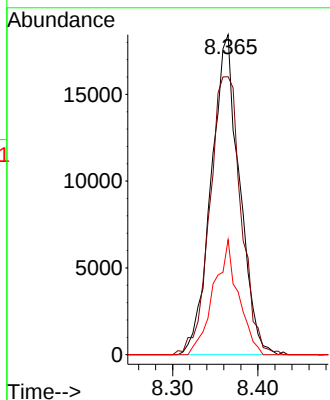


Tgt Ion: 117 Resp: 42354
Ion Ratio Lower Upper
117 100
119 85.8 77.7 116.5
121 36.0 27.0 40.6

Manual Integrations
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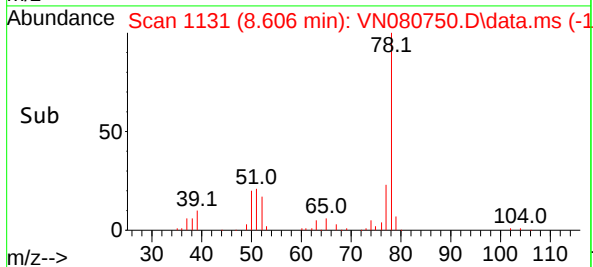
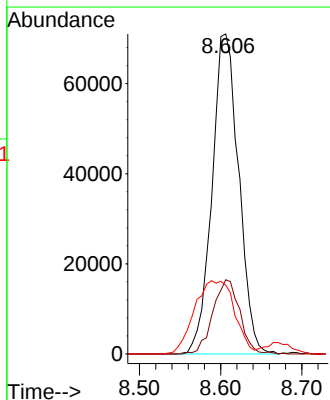
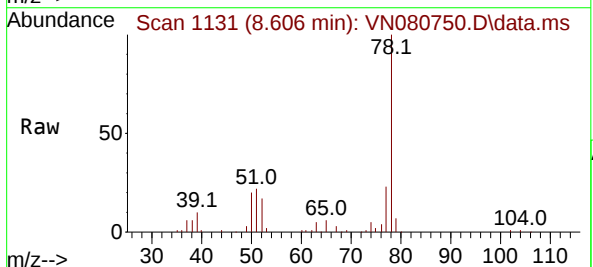
Reviewed By :John
Carlone
01/23/2024

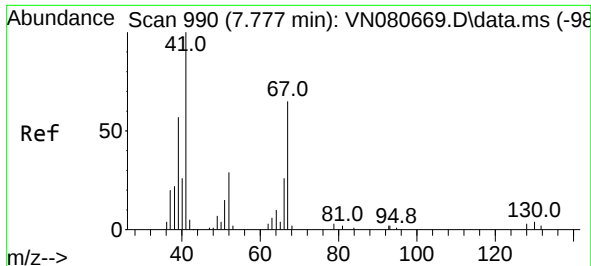
Supervised By :Mahesh
Dadoda
01/23/2024



#34
Benzene
Concen: 15.462 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Tgt Ion: 78 Resp: 162339
Ion Ratio Lower Upper
78 100
77 23.2 19.2 28.8
51 19.4 13.3 19.9





#35
Methacrylonitrile
Concen: 16.208 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 41 Resp: 3185
Ion Ratio Lower Upper
41 100
39 49.5 25.3 75.9
67 57.5 38.7 116.1
52 26.2 13.6 40.8

Manual Integrations
APPROVED

Reviewed By :John

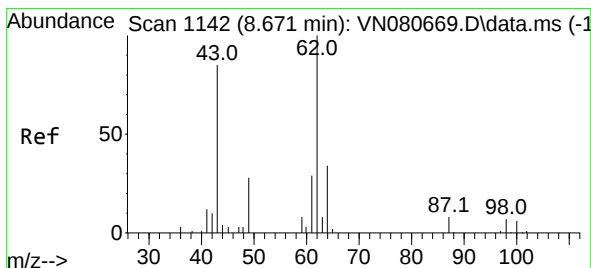
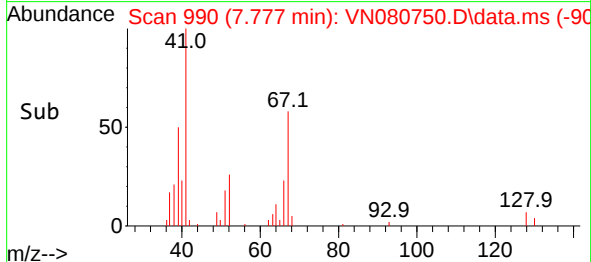
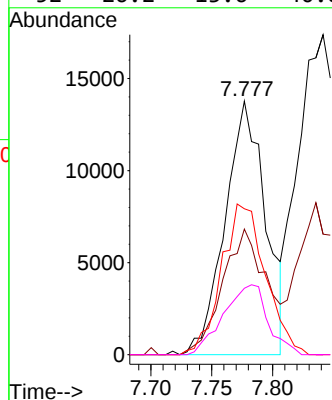
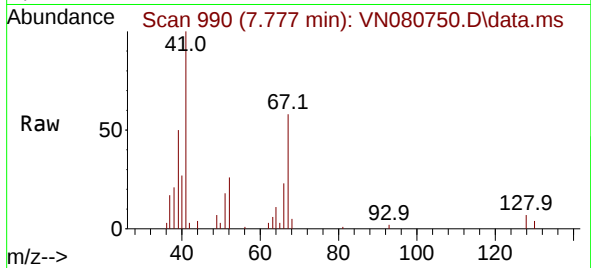
Carlone

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Supervised By :Mahesh

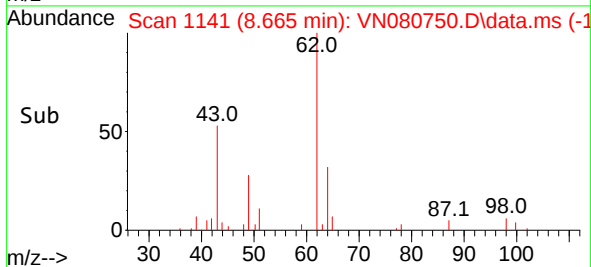
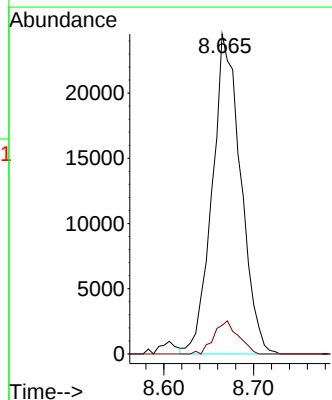
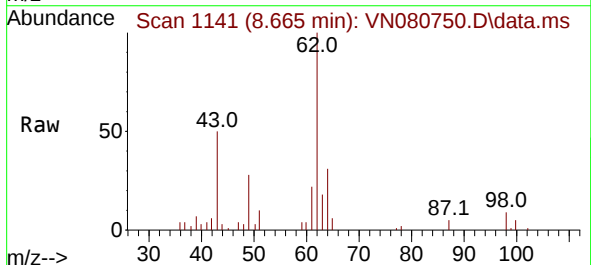
Dadoda

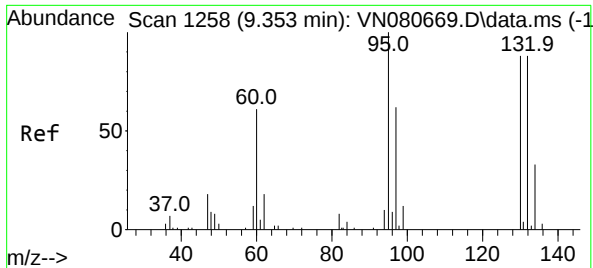
01/23/2024



#36
1,2-Dichloroethane
Concen: 14.022 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

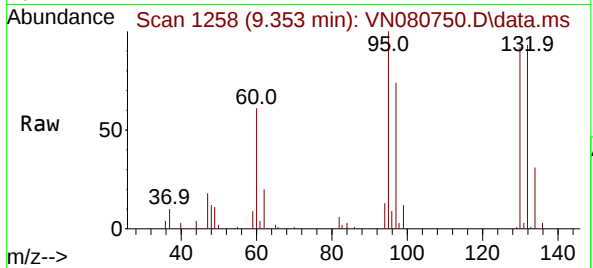
Tgt Ion: 62 Resp: 54135
Ion Ratio Lower Upper
62 100
98 8.6 8.2 12.4





#37
Trichloroethene
Concen: 14.588 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

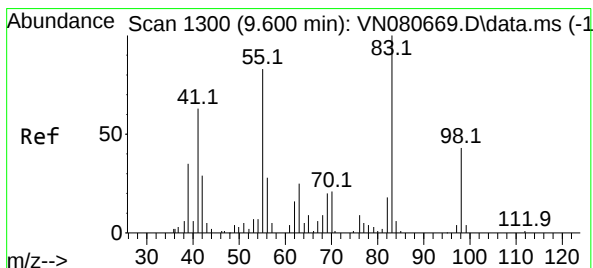
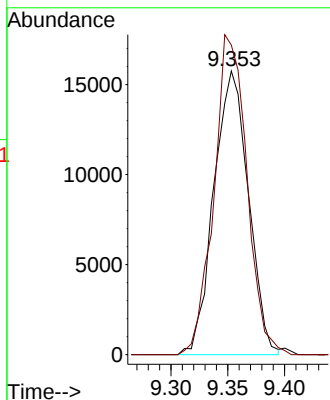


Tgt Ion:130 Resp: 33404
Ion Ratio Lower Upper
130 100
95 109.2 80.2 120.4

Manual Integrations
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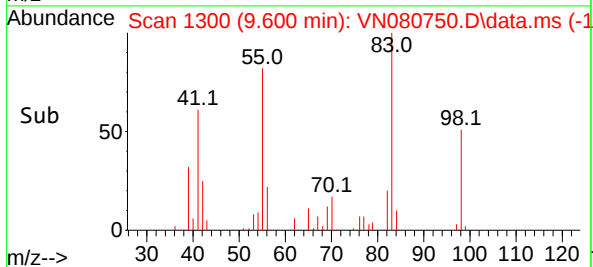
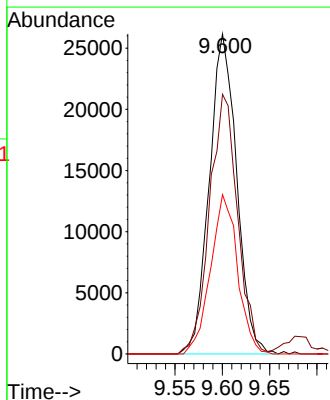
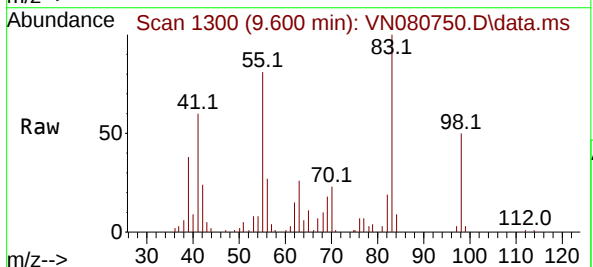
Reviewed By :John
Carlone
01/23/2024

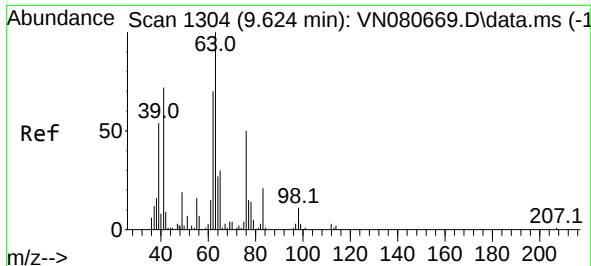
Supervised By :Mahesh
Dadoda
01/23/2024



#38
Methylcyclohexane
Concen: 15.266 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

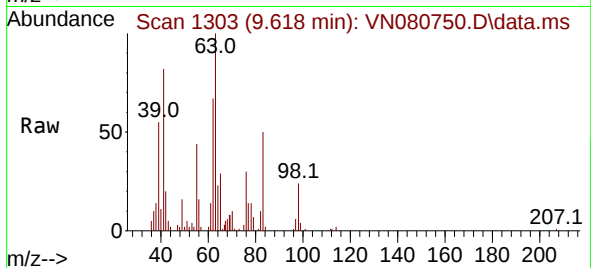
Tgt Ion: 83 Resp: 52644
Ion Ratio Lower Upper
83 100
55 82.8 36.6 109.9
98 49.1 23.8 71.5





#39
1,2-Dichloropropane
Concen: 16.204 ug/l
RT: 9.618 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

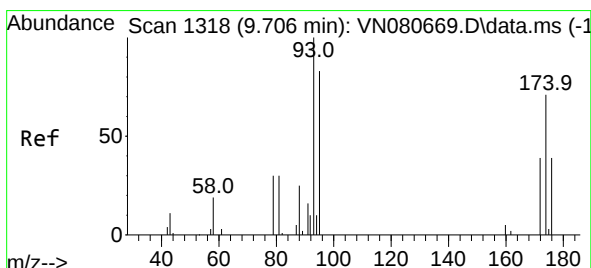
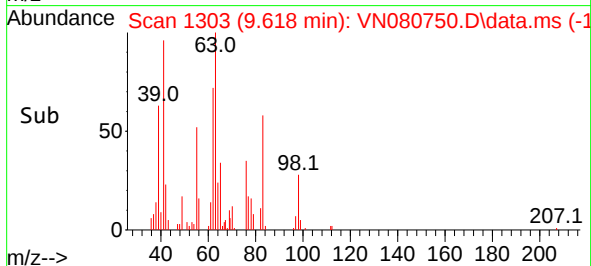
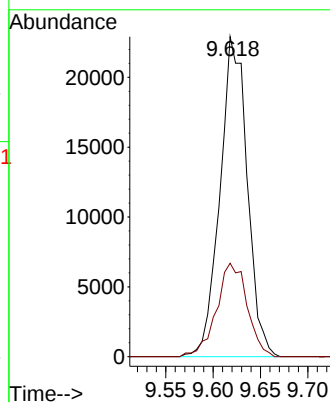


Tgt Ion: 63 Resp: 45850
Ion Ratio Lower Upper
63 100
65 29.2 25.0 37.4

Manual Integrations
APPROVED

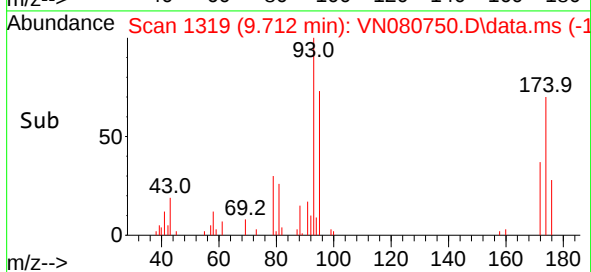
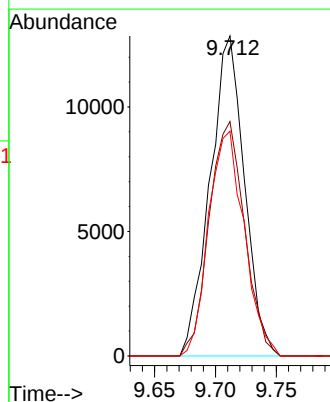
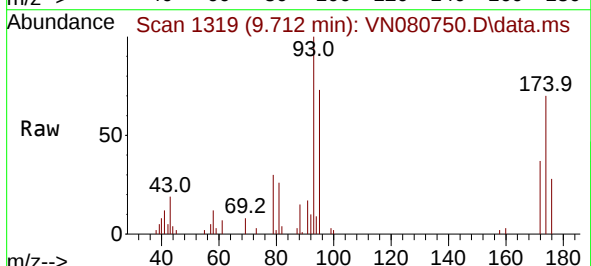
Reviewed By :John
Carlone
01/23/2024

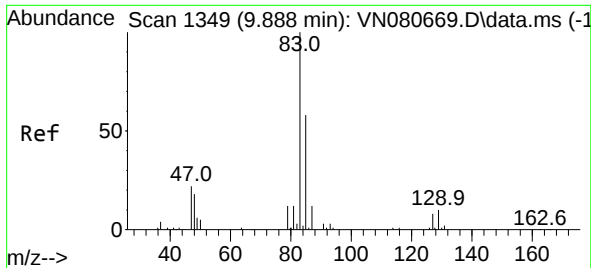
Supervised By :Mahesh
Dadoda
01/23/2024



#40
Dibromomethane
Concen: 15.029 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

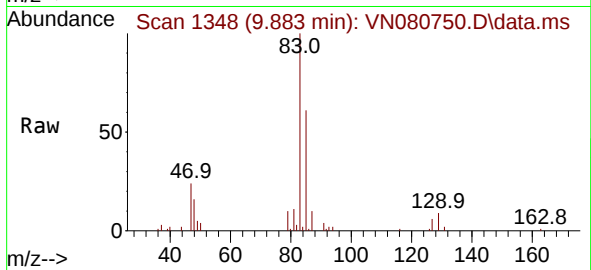
Tgt Ion: 93 Resp: 25306
Ion Ratio Lower Upper
93 100
95 75.1 0.0 164.6
174 72.6 0.0 193.2





#41
Bromodichloromethane
Concen: 14.537 ug/l
RT: 9.883 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

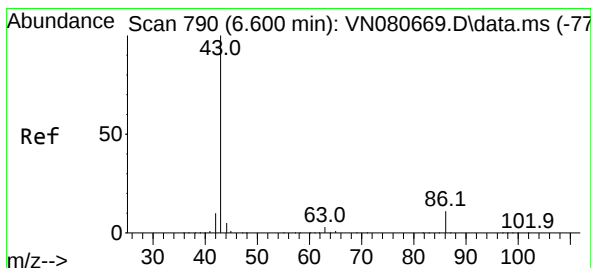
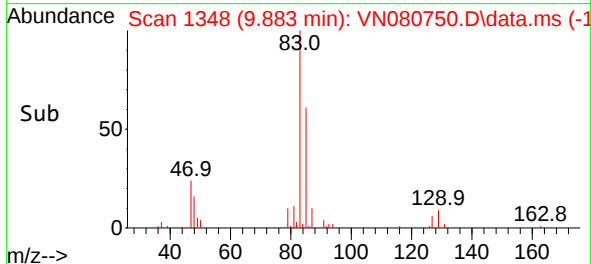
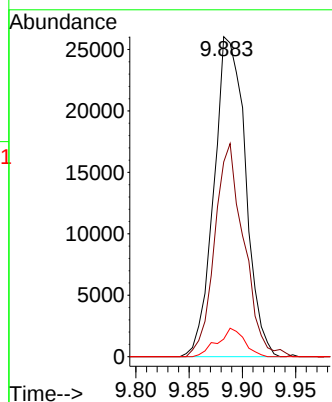


Tgt Ion: 83 Resp: 5356
Ion Ratio Lower Upper
83 100
85 60.8 49.4 74.2
127 5.5 7.3 10.9

Manual Integrations
APPROVED

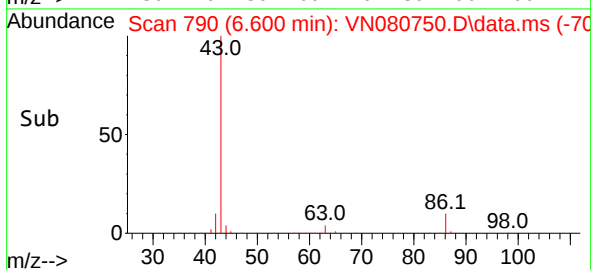
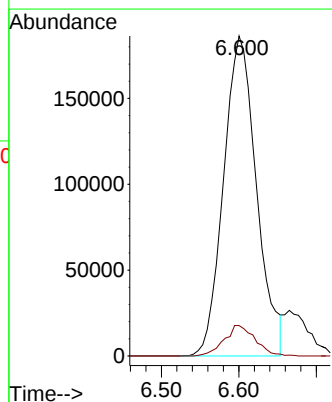
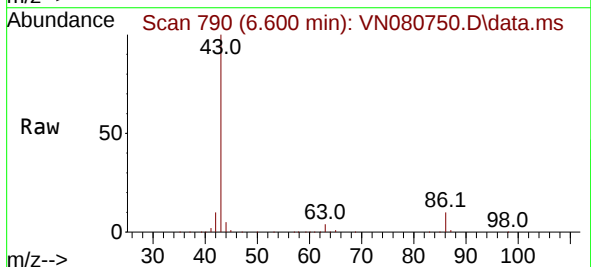
Reviewed By :John
Carlone
01/23/2024

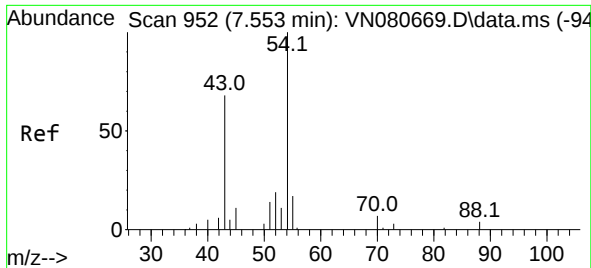
Supervised By :Mahesh
Dadoda
01/23/2024



#42
Vinyl Acetate
Concen: 75.722 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Tgt Ion: 43 Resp: 551266
Ion Ratio Lower Upper
43 100
86 8.9 9.4 14.2#





#43
Ethyl Acetate
Concen: 16.080 ug/l
RT: 7.553 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

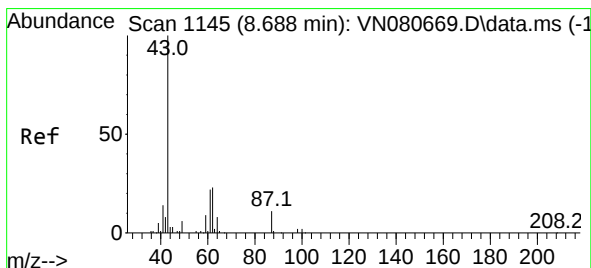
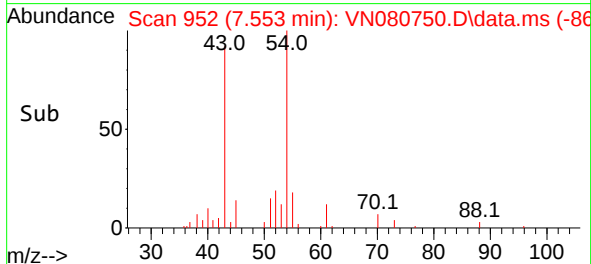
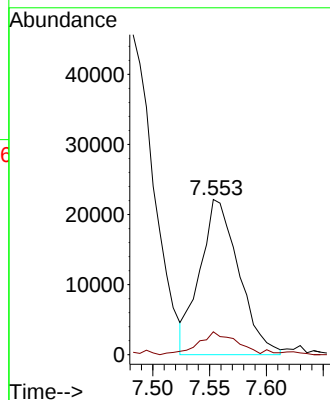
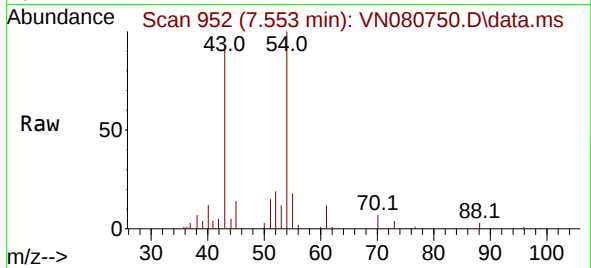
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 5288
Ion Ratio Lower Upper
43 100
45 14.0 10.6 15.8

Manual Integrations
APPROVED

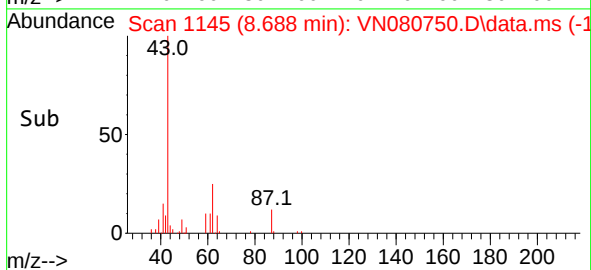
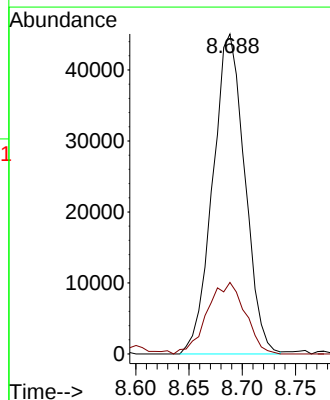
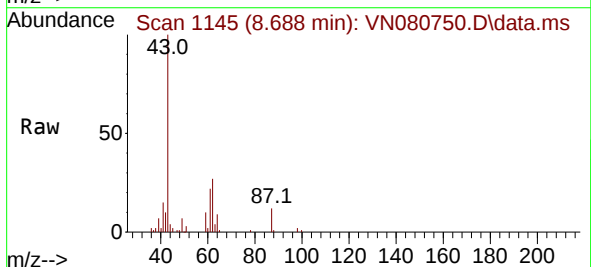
Reviewed By :John
Carlone
01/23/2024

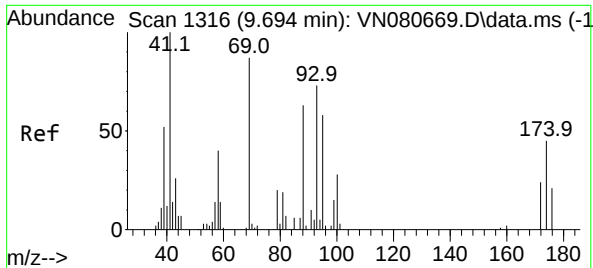
Supervised By :Mahesh
Dadoda
01/23/2024



#44
Isopropyl Acetate
Concen: 15.018 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Tgt Ion: 43 Resp: 94295
Ion Ratio Lower Upper
43 100
61 26.5 25.0 37.4





#45

1,4-Dioxane

Concen: 299.395 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN080750.D

Acq: 22 Jan 2024 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 88 Resp: 1069

Ion Ratio Lower Upper

88 100

43 35.2 19.8 29.6

58 71.9 55.4 83.0

Manual Integrations

APPROVED

Reviewed By :John

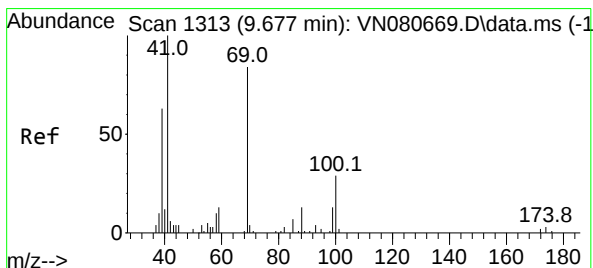
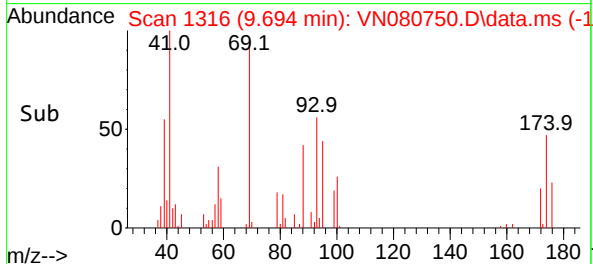
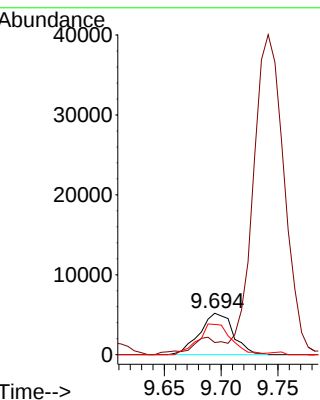
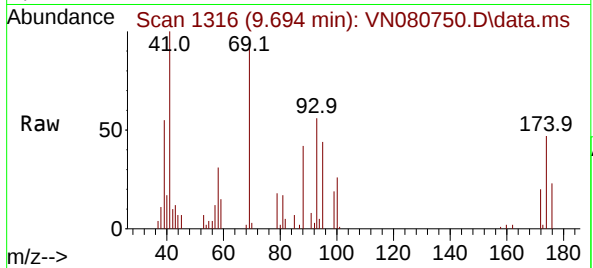
Carlone

01/23/2024

Supervised By :Mahesh

Dadoda

01/23/2024



#46

Methyl methacrylate

Concen: 15.472 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN080750.D

Acq: 22 Jan 2024 20:56

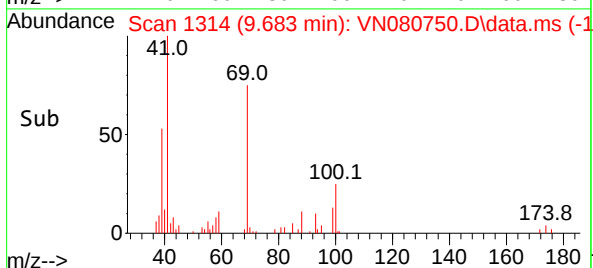
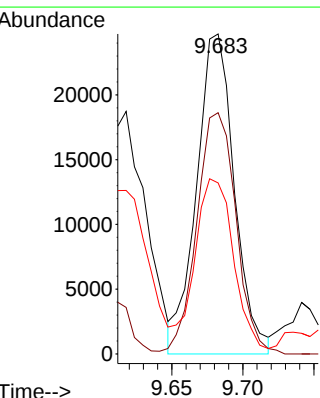
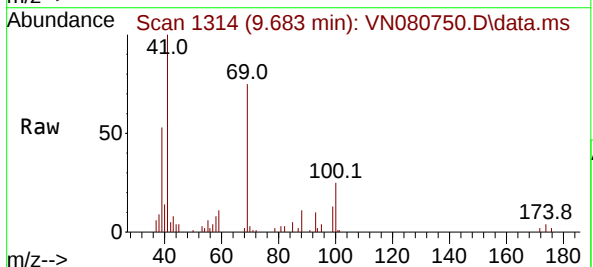
Tgt Ion: 41 Resp: 45744

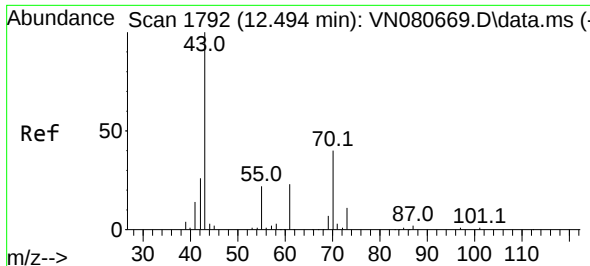
Ion Ratio Lower Upper

41 100

69 77.8 51.1 153.3

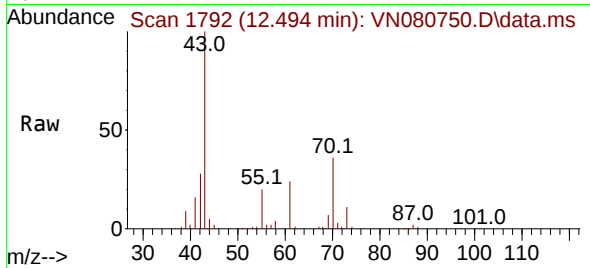
39 54.6 25.8 77.3





#47
n-amyl acetate
Concen: 14.488 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

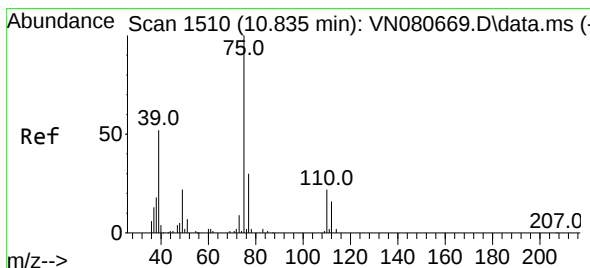
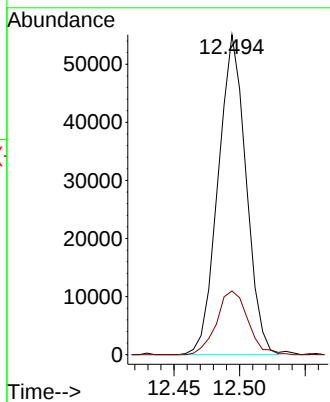
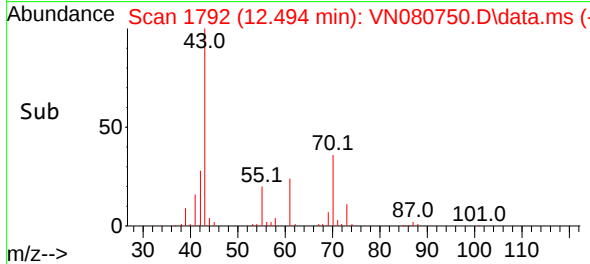


Tgt Ion: 43 Resp: 81620
Ion Ratio Lower Upper
43 100
55 22.2 23.4 35.2

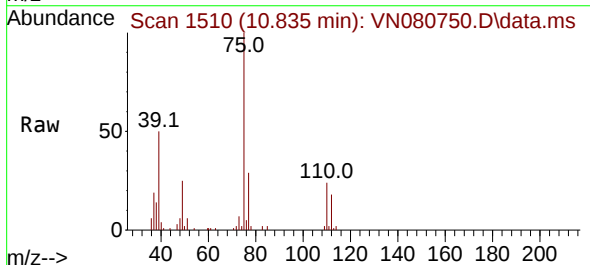
Manual Integrations
APPROVED

Reviewed By :John
Carlone
01/23/2024

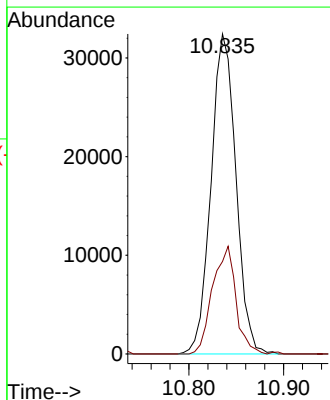
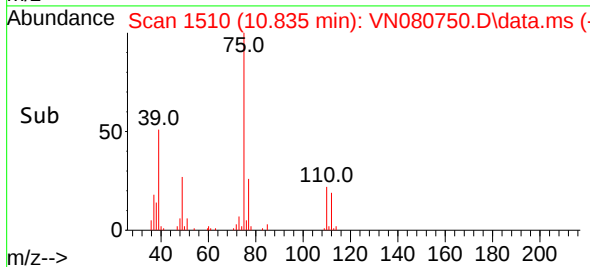
Supervised By :Mahesh
Dadoda
01/23/2024

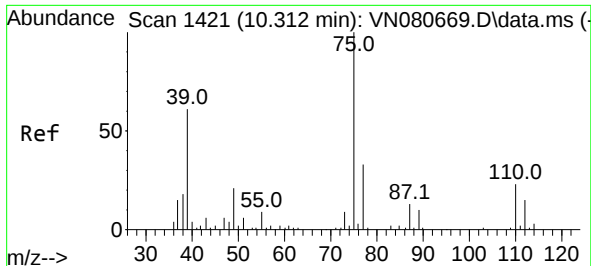


#48
t-1,3-Dichloropropene
Concen: 13.658 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56



Tgt Ion: 75 Resp: 59299
Ion Ratio Lower Upper
75 100
77 28.9 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 14.102 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN080750.D

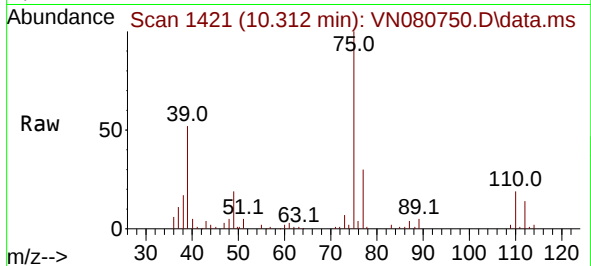
Acq: 22 Jan 2024 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 75 Resp: 6498

Ion	Ratio	Lower	Upper
75	100		
77	30.5	24.9	37.3
39	52.1	31.0	46.6

Manual Integrations

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Reviewed By :John

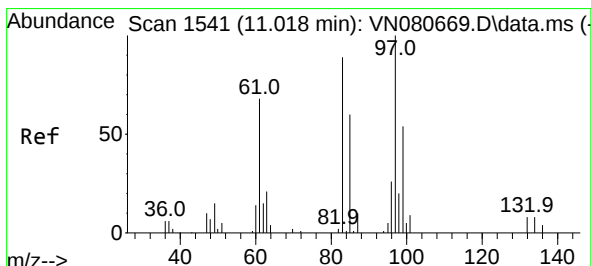
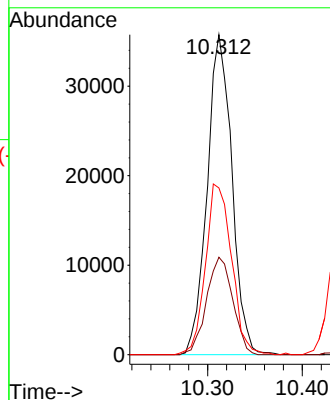
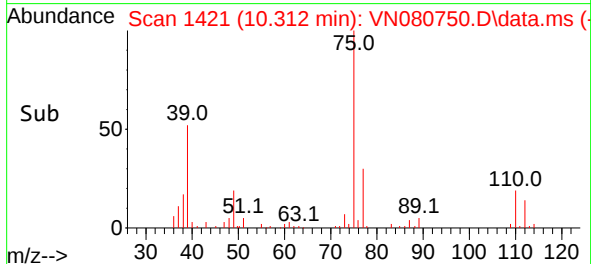
Carlone

01/23/2024

Supervised By :Mahesh

Dadoda

01/23/2024



#50

1,1,2-Trichloroethane

Concen: 15.001 ug/l

RT: 11.024 min Scan# 1542

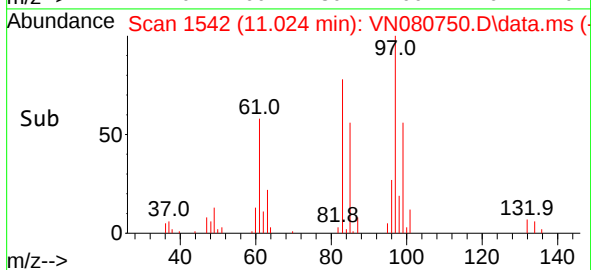
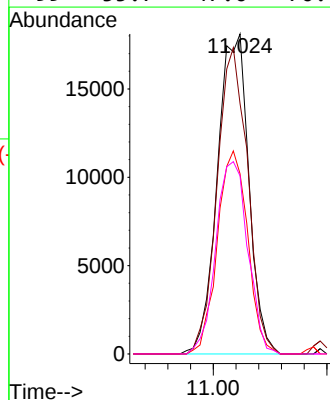
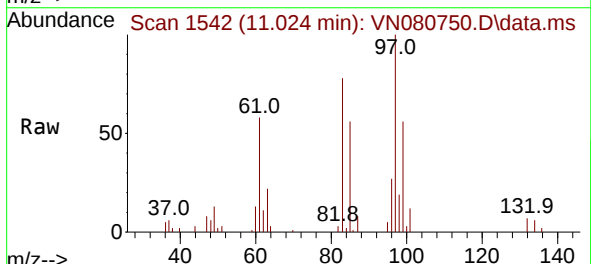
Delta R.T. 0.006 min

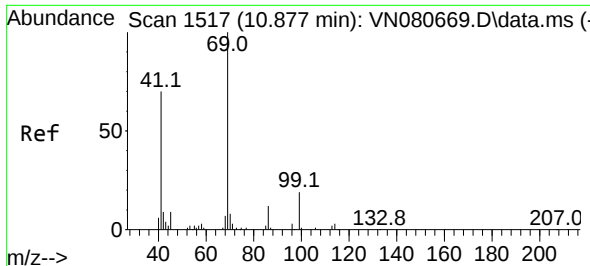
Lab File: VN080750.D

Acq: 22 Jan 2024 20:56

Tgt Ion: 97 Resp: 34688

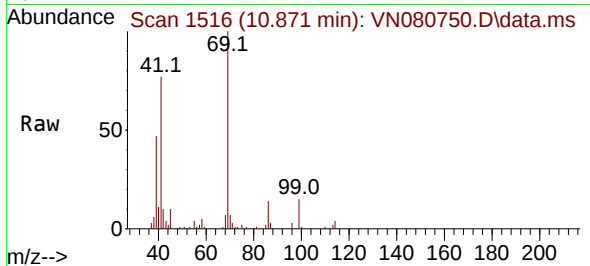
Ion	Ratio	Lower	Upper
97	100		
83	78.2	68.1	102.1
85	56.3	41.8	62.6
99	55.7	47.0	70.4





#51
Ethyl methacrylate
Concen: 14.614 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

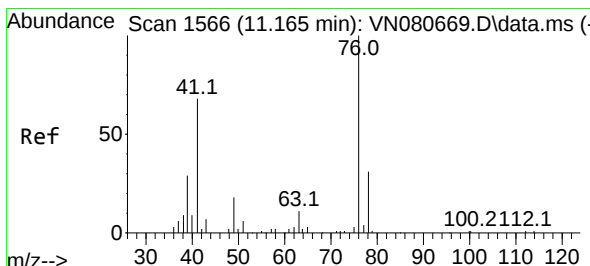
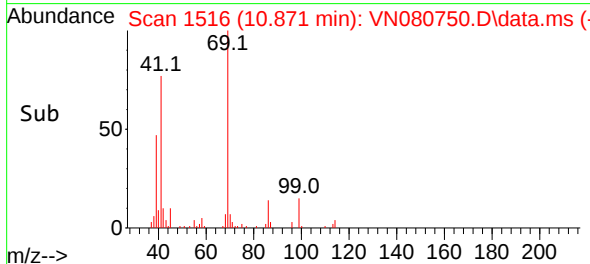
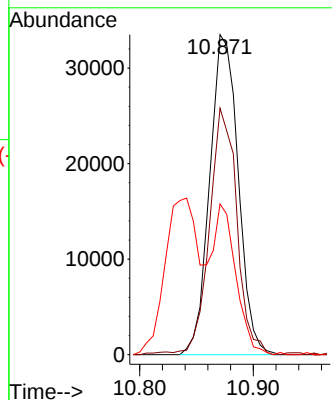


Tgt Ion: 69 Resp: 58410
Ion Ratio Lower Upper
69 100
41 77.0 25.5 76.5
39 46.4 16.0 47.9

Manual Integrations
APPROVED

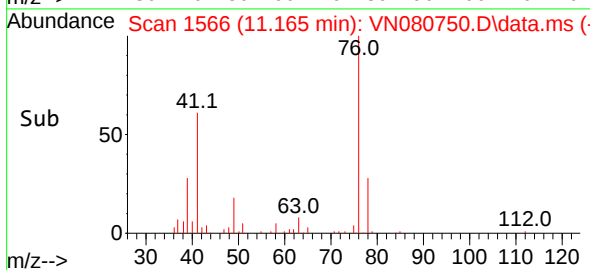
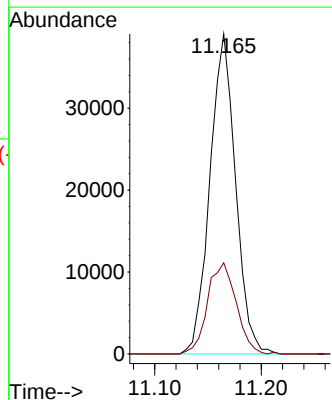
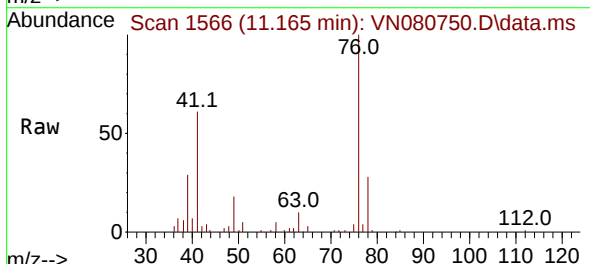
Reviewed By :John
Carlone
01/23/2024

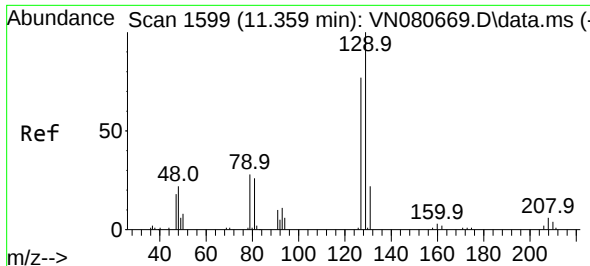
Supervised By :Mahesh
Dadoda
01/23/2024



#52
1,3-Dichloropropane
Concen: 15.008 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

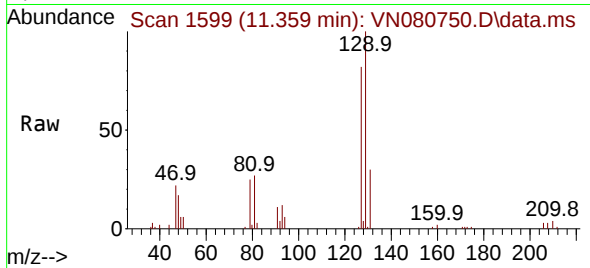
Tgt Ion: 76 Resp: 65333
Ion Ratio Lower Upper
76 100
78 31.7 0.0 65.8





#53
Dibromochloromethane
Concen: 13.664 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

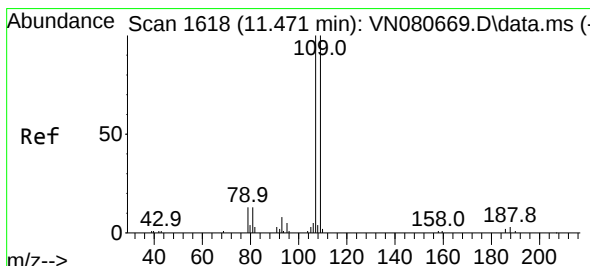
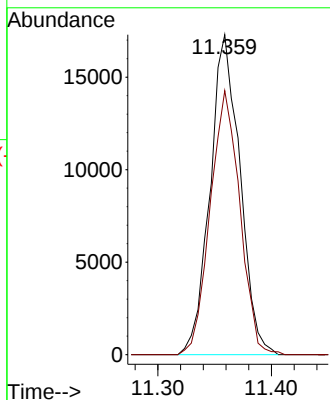
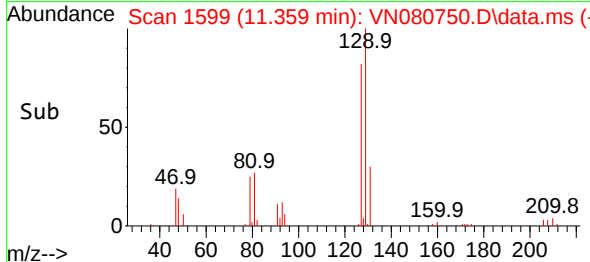


Tgt Ion:129 Resp: 31619
Ion Ratio Lower Upper
129 100
127 81.9 39.4 118.1

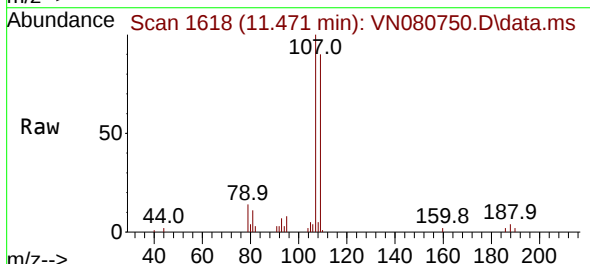
Manual Integrations
APPROVED

Reviewed By :John
Carlone
01/23/2024

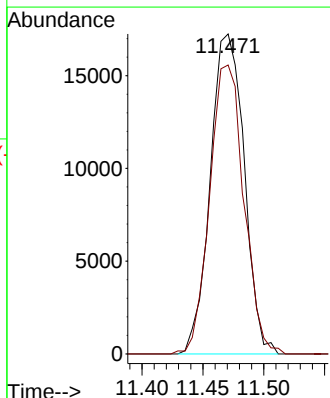
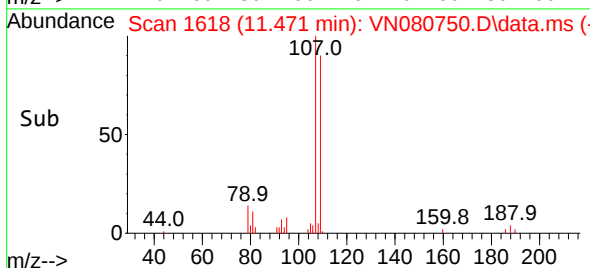
Supervised By :Mahesh
Dadoda
01/23/2024

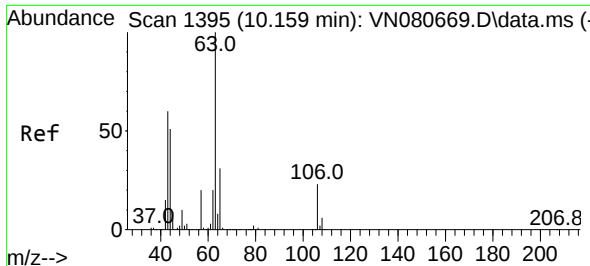


#54
1,2-Dibromoethane
Concen: 14.699 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56



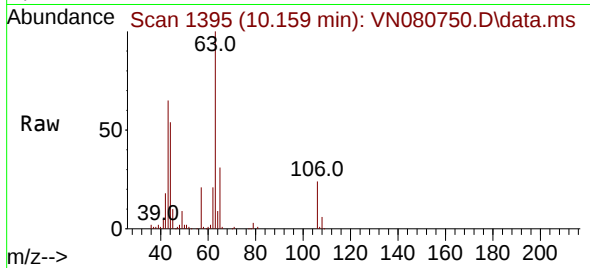
Tgt Ion:107 Resp: 33412
Ion Ratio Lower Upper
107 100
109 91.0 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 74.085 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

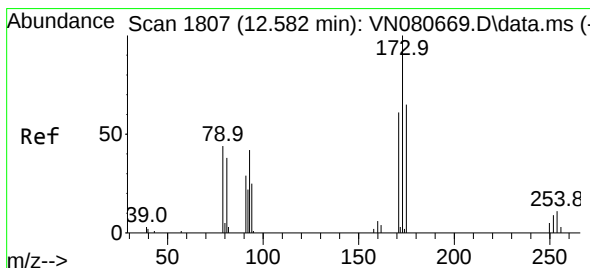
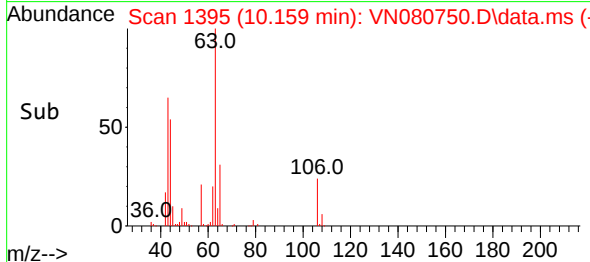
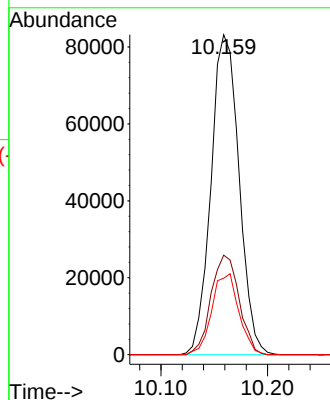


Tgt Ion: 63 Resp: 152210
Ion Ratio Lower Upper
63 100
65 31.1 26.2 39.2
106 24.4 23.8 35.8

Manual Integrations
APPROVED

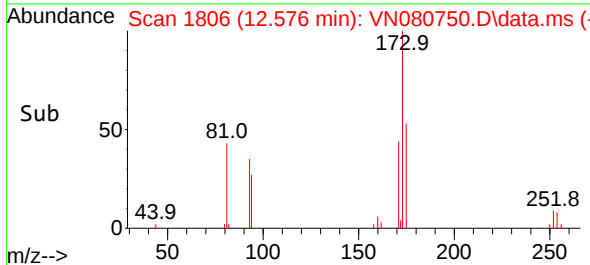
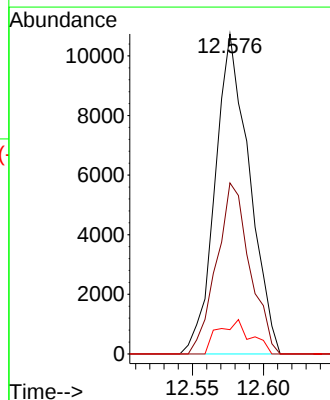
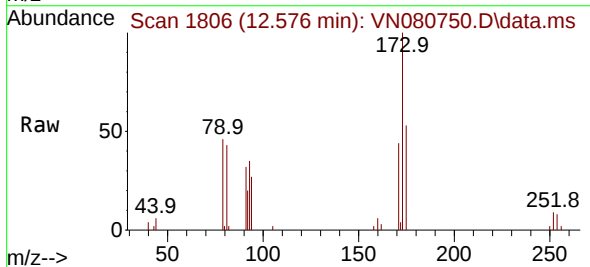
Reviewed By :John
Carlone
01/23/2024

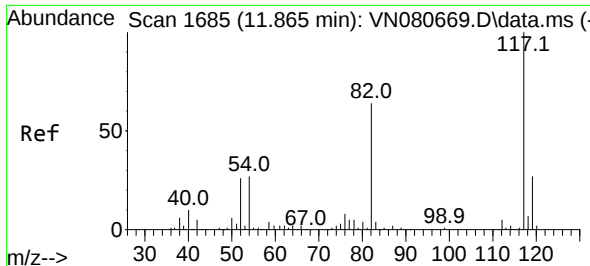
Supervised By :Mahesh
Dadoda
01/23/2024



#56
Bromoform
Concen: 13.153 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Tgt Ion:173 Resp: 17979
Ion Ratio Lower Upper
173 100
175 52.0 40.0 60.0
254 3.2 8.3 12.5#





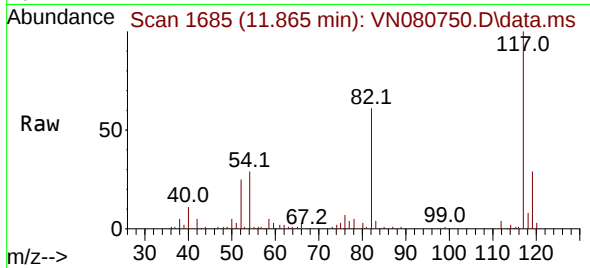
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion:117 Resp: 12550
Ion Ratio Lower Upper
117 100
82 61.3 46.6 69.8
119 30.4 25.4 38.2

Manual Integrations
APPROVED

Reviewed By :John

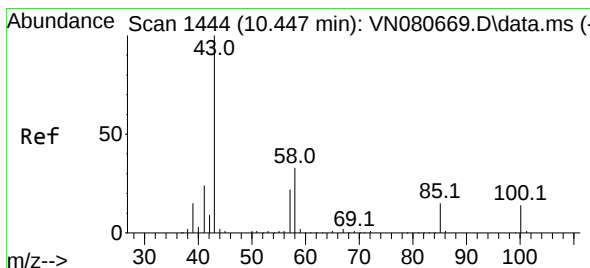
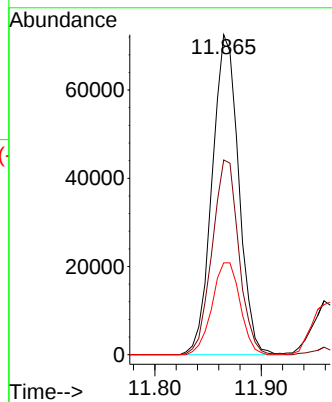
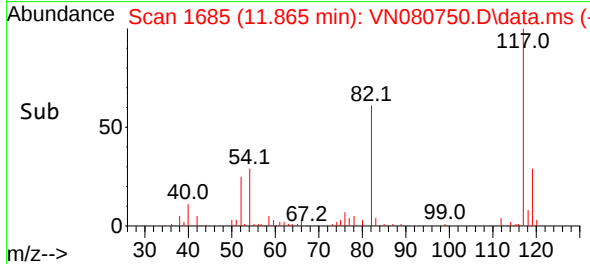
Carlone

01/23/2024

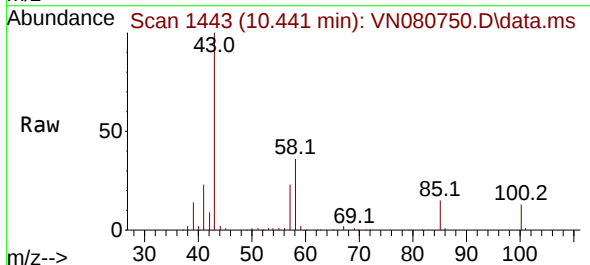
Supervised By :Mahesh

Dadoda

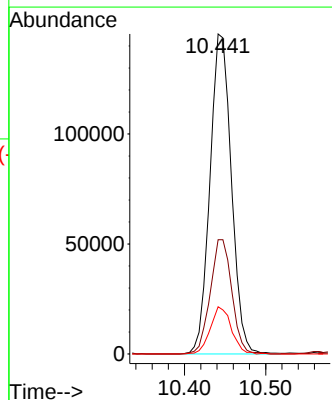
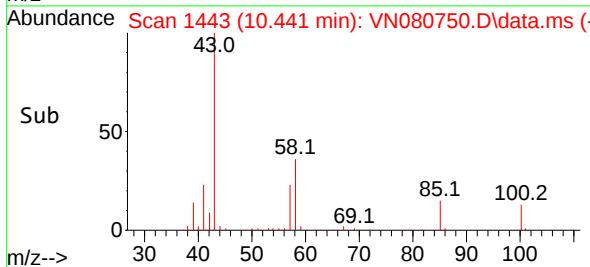
01/23/2024

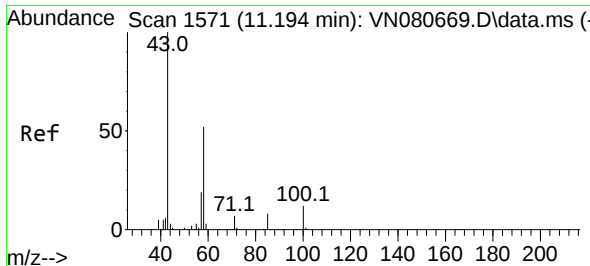


#58
4-Methyl-2-Pentanone
Concen: 80.946 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56



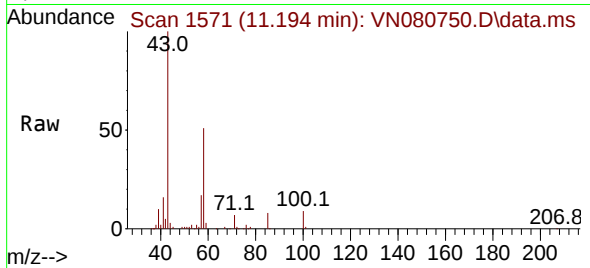
Tgt Ion: 43 Resp: 267237
Ion Ratio Lower Upper
43 100
58 35.9 36.5 54.7#
85 14.4 19.5 29.3#





#59
2-Hexanone
Concen: 76.863 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

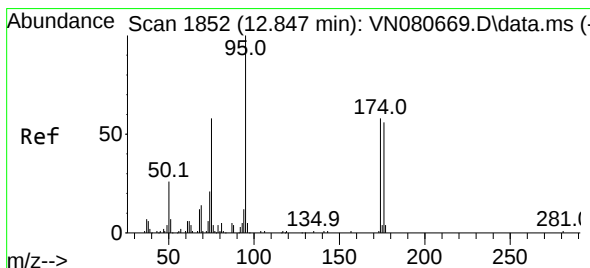
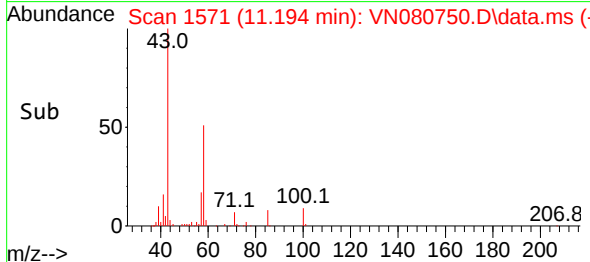
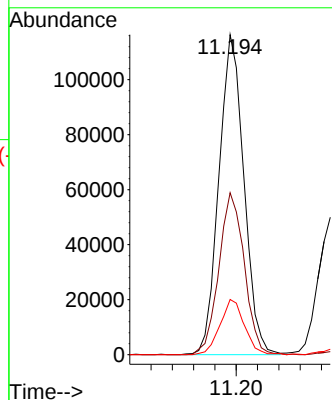


Tgt Ion: 43 Resp: 189464
Ion Ratio Lower Upper
43 100
58 51.4 50.4 75.6
57 16.8 18.6 27.8

Manual Integrations
APPROVED

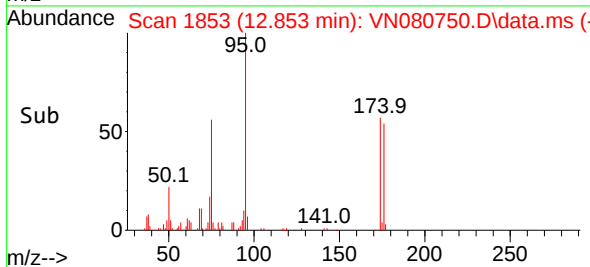
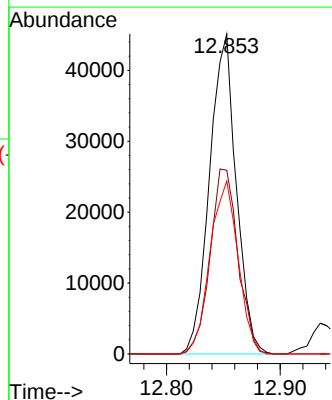
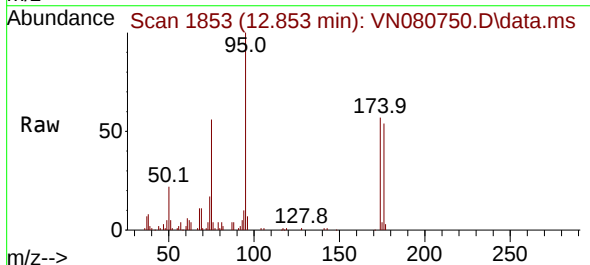
Reviewed By :John
Carlone
01/23/2024

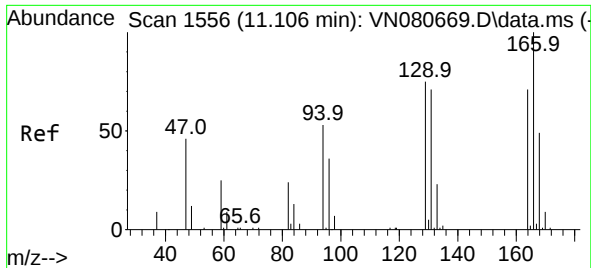
Supervised By :Mahesh
Dadoda
01/23/2024



#60
4-Bromofluorobenzene
Concen: 26.582 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

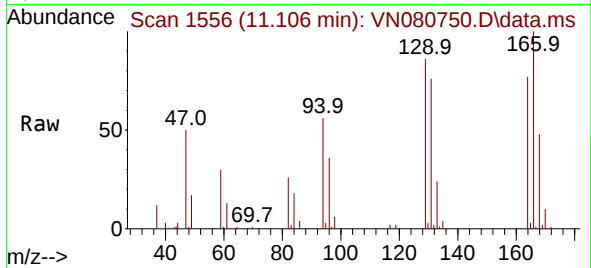
Tgt Ion: 95 Resp: 73798
Ion Ratio Lower Upper
95 100
174 60.2 60.5 90.7#
176 56.9 57.8 86.6#





#61
Tetrachloroethene
Concen: 15.910 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

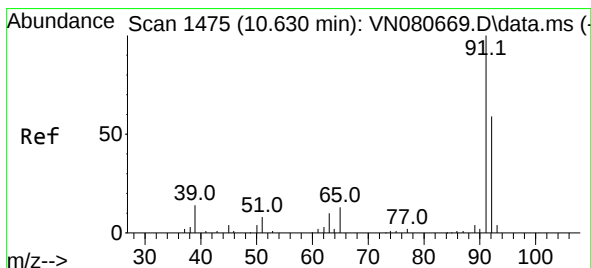
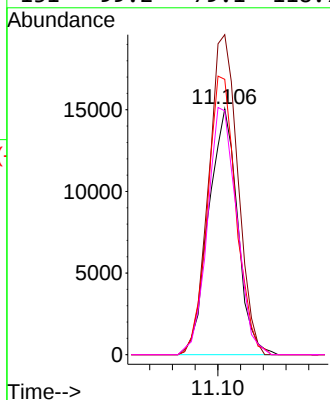


Tgt Ion:164 Resp: 26580
Ion Ratio Lower Upper
164 100
166 130.2 106.7 160.1
129 112.0 85.8 128.6
131 99.2 79.1 118.7

Manual Integrations
APPROVED

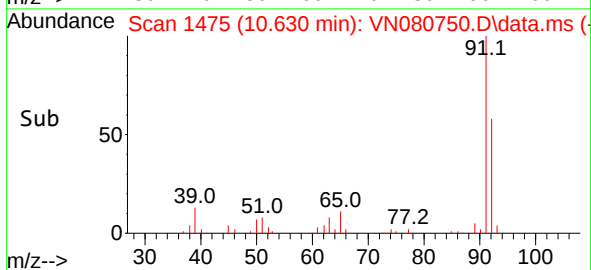
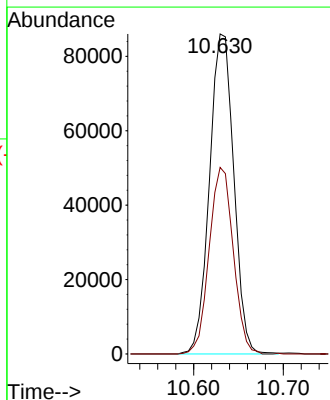
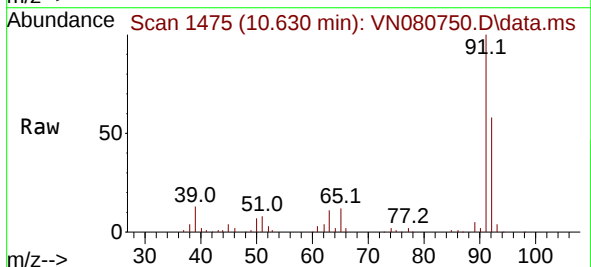
Reviewed By :John
Carlone
01/23/2024

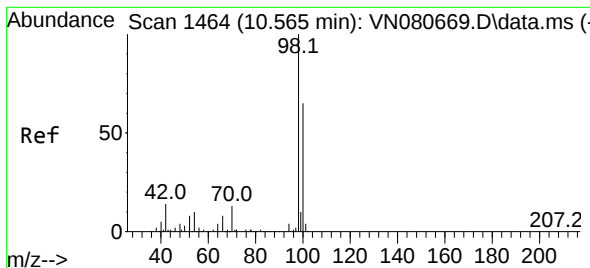
Supervised By :Mahesh
Dadoda
01/23/2024



#62
Toluene
Concen: 16.022 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

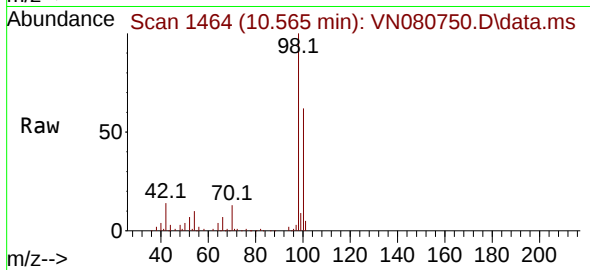
Tgt Ion: 91 Resp: 161733
Ion Ratio Lower Upper
91 100
92 57.7 46.5 69.7





#63
Toluene-d8
Concen: 30.231 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

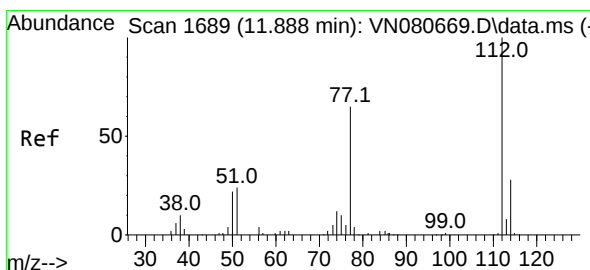
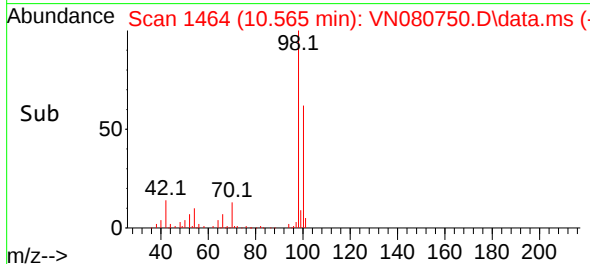
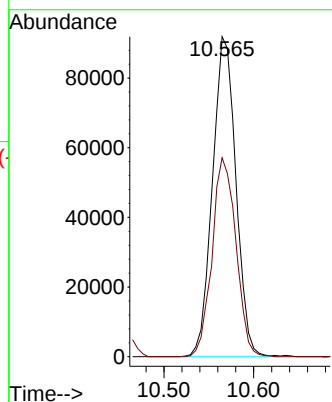


Tgt Ion: 98 Resp: 16651
Ion Ratio Lower Upper
98 100
100 63.2 52.7 79.1

Manual Integrations
APPROVED

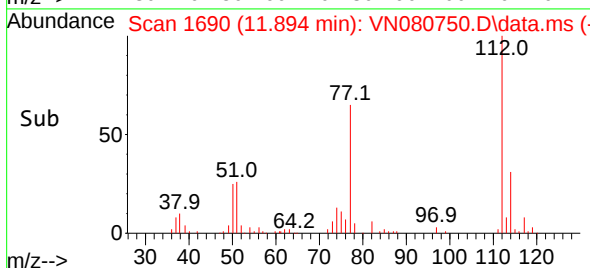
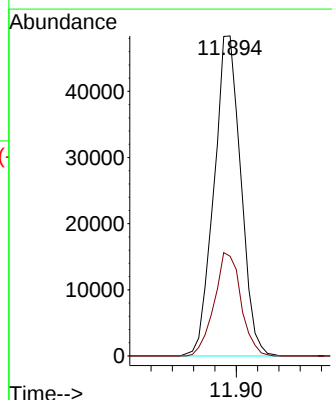
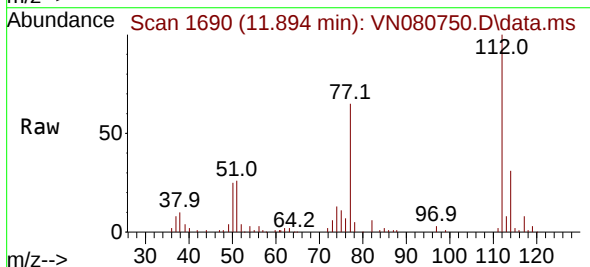
Reviewed By :John
Carlone
01/23/2024

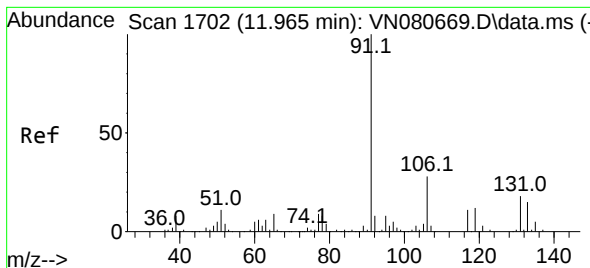
Supervised By :Mahesh
Dadoda
01/23/2024



#64
Chlorobenzene
Concen: 15.050 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

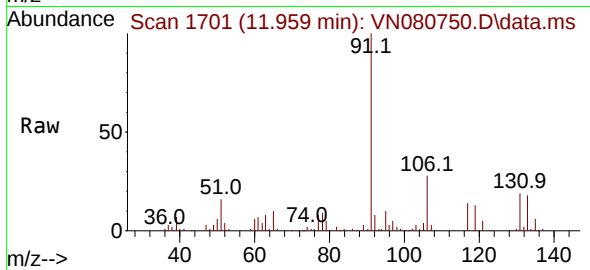
Tgt Ion:112 Resp: 84616
Ion Ratio Lower Upper
112 100
114 31.1 26.6 39.8





#65
1,1,1,2-Tetrachloroethane
Concen: 14.440 ug/l
RT: 11.959 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

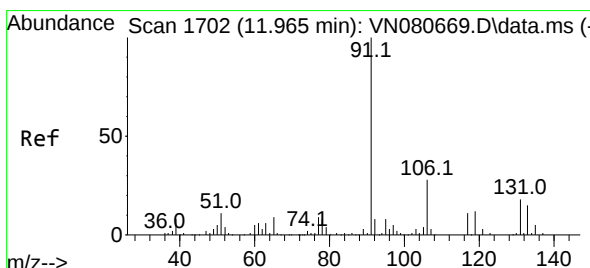
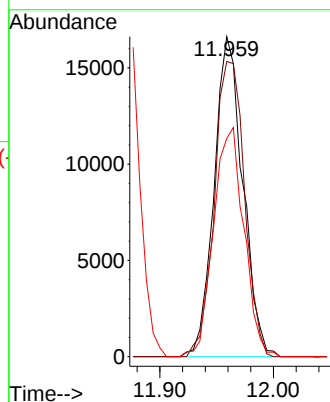
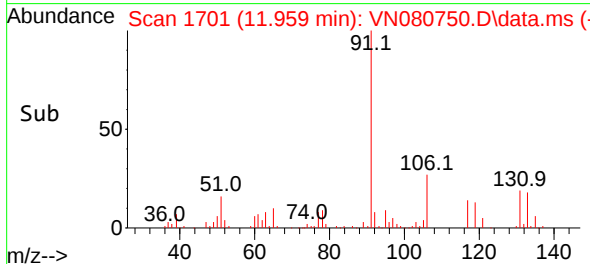


Tgt Ion:131 Resp: 29170
Ion Ratio Lower Upper
131 100
133 96.5 0.0 188.0
119 75.7 0.0 122.8

Manual Integrations
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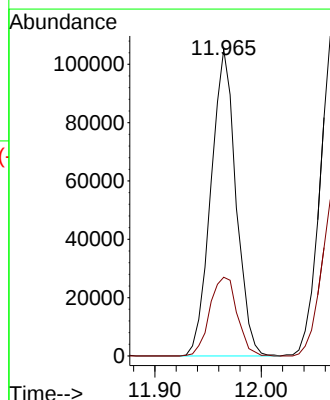
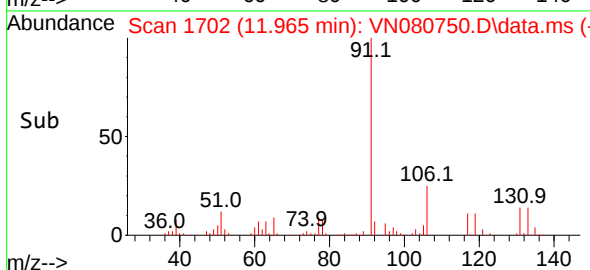
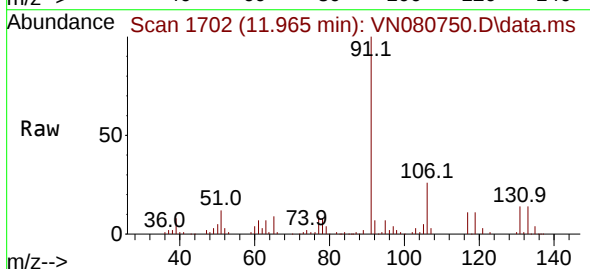
Reviewed By :John
Carlone
01/23/2024

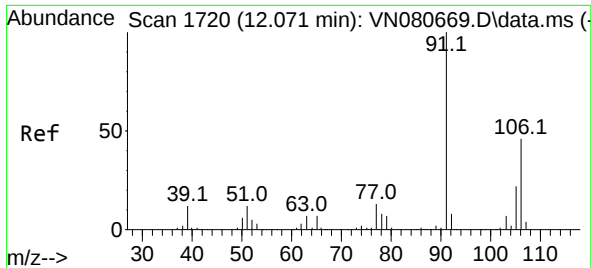
Supervised By :Mahesh
Dadoda
01/23/2024



#66
Ethyl Benzene
Concen: 16.164 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Tgt Ion: 91 Resp: 171613
Ion Ratio Lower Upper
91 100
106 25.7 24.4 36.6





#67
m/p-Xylenes
Concen: 31.162 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

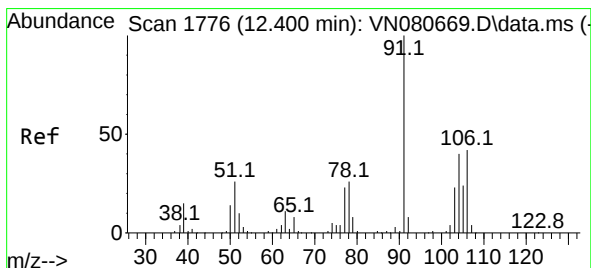
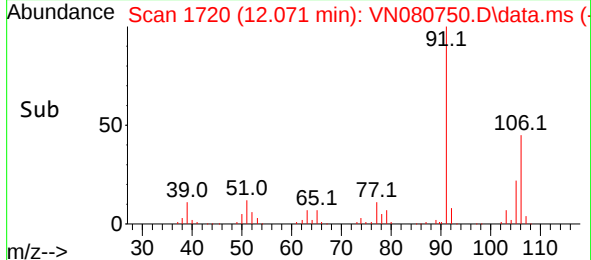
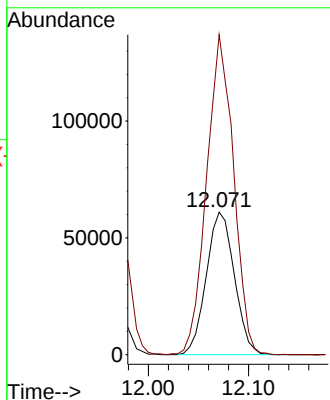
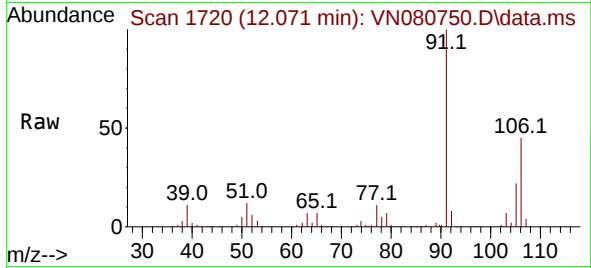
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 118909
Ion Ratio Lower Upper
106 100
91 215.6 166.6 249.8

Manual Integrations
APPROVED

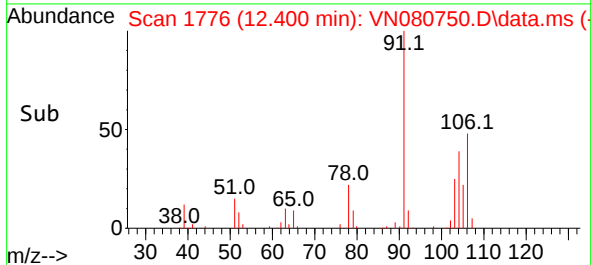
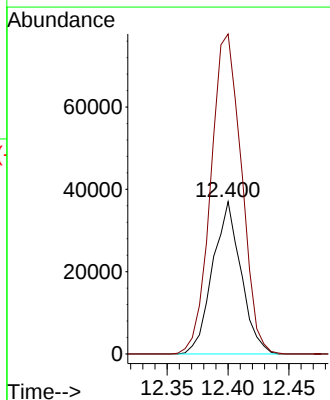
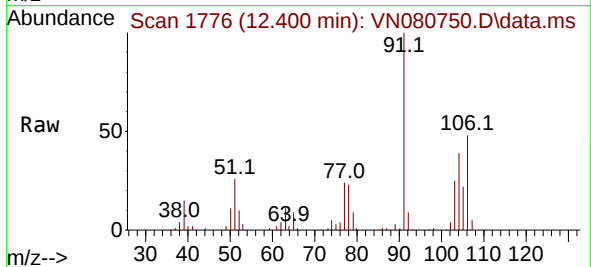
Reviewed By :John
Carlone
01/23/2024

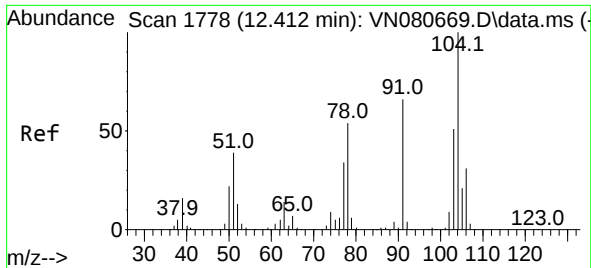
Supervised By :Mahesh
Dadoda
01/23/2024



#68
o-Xylene
Concen: 15.780 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

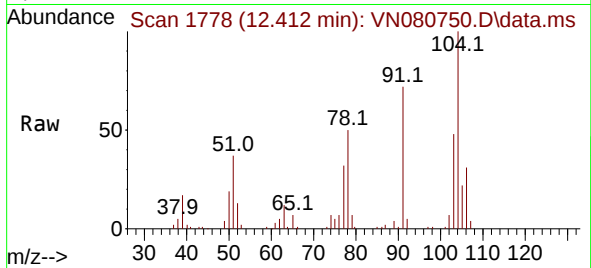
Tgt Ion:106 Resp: 60054
Ion Ratio Lower Upper
106 100
91 226.7 110.0 330.0





#69
Styrene
Concen: 15.401 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

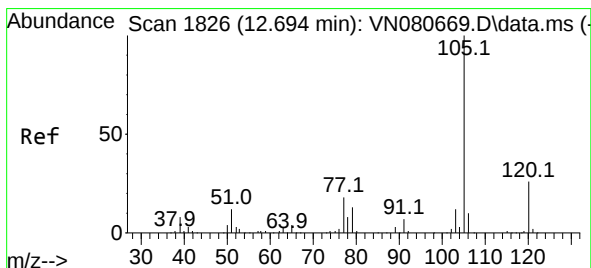
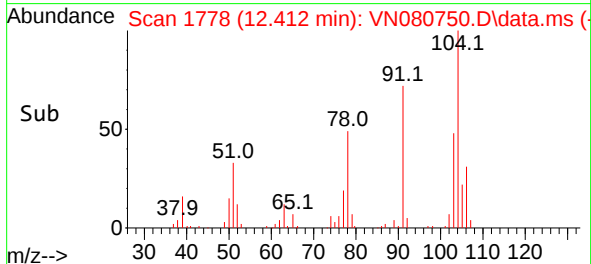
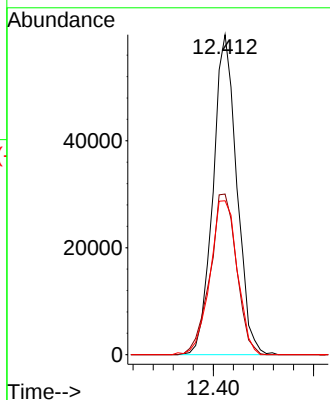


Tgt Ion:104 Resp: 98468
Ion Ratio Lower Upper
104 100
78 55.8 42.6 64.0
103 55.0 43.7 65.5

Manual Integrations
APPROVED

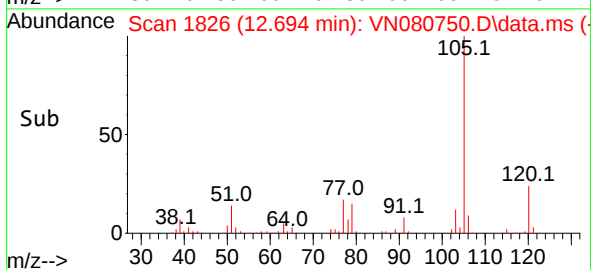
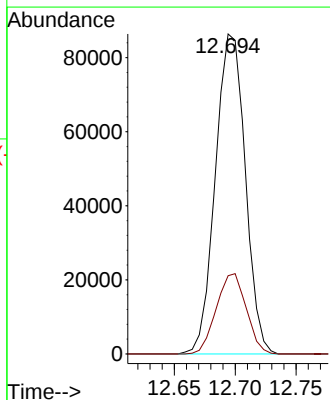
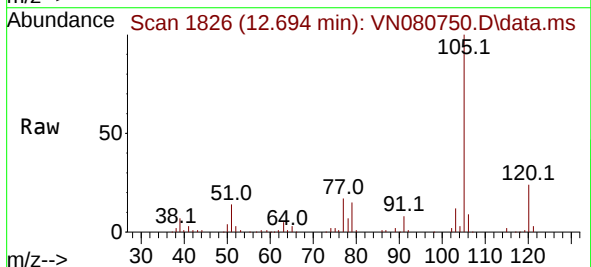
Reviewed By :John
Carlone
01/23/2024

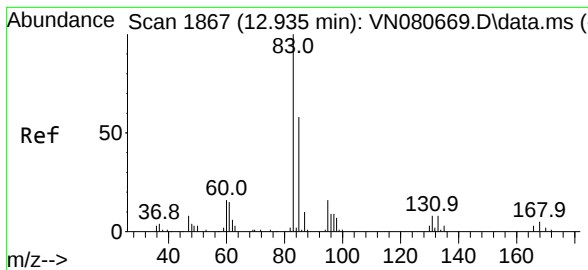
Supervised By :Mahesh
Dadoda
01/23/2024



#70
Isopropylbenzene
Concen: 15.883 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

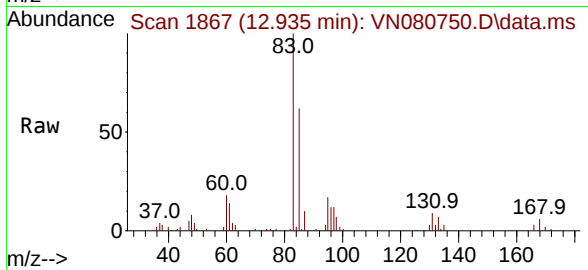
Tgt Ion:105 Resp: 147727
Ion Ratio Lower Upper
105 100
120 25.1 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 15.097 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

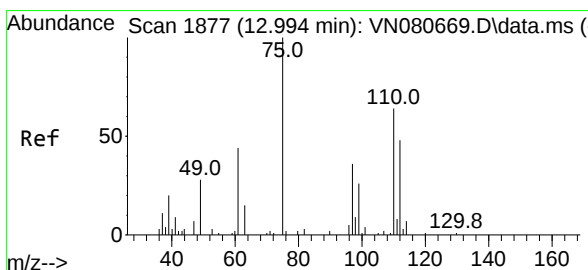
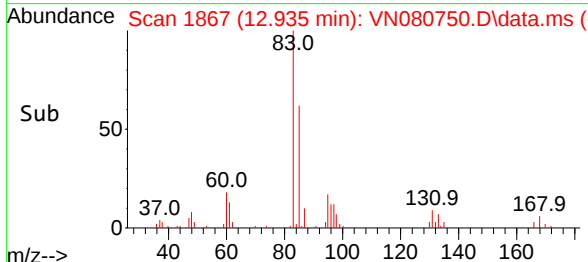
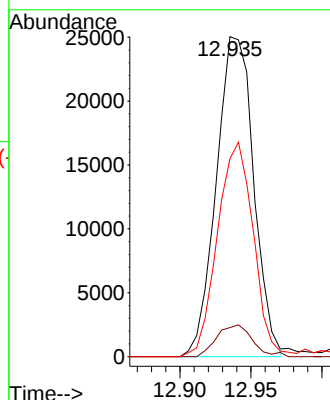


Tgt Ion: 83 Resp: 45834
Ion Ratio Lower Upper
83 100
131 9.2 5.2 15.6
85 64.3 32.3 96.8

Manual Integrations
APPROVED

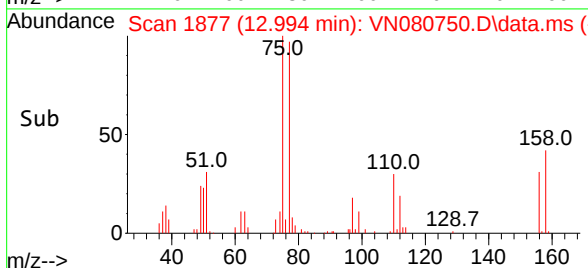
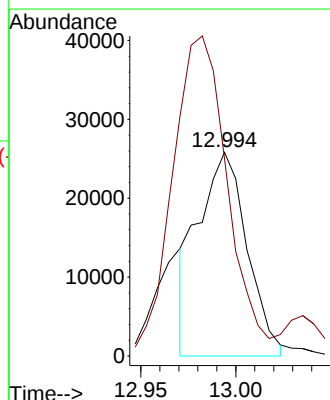
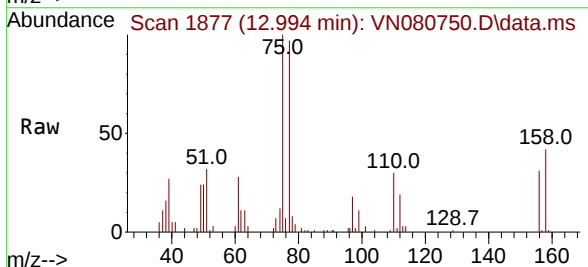
Reviewed By :John
Carlone
01/23/2024

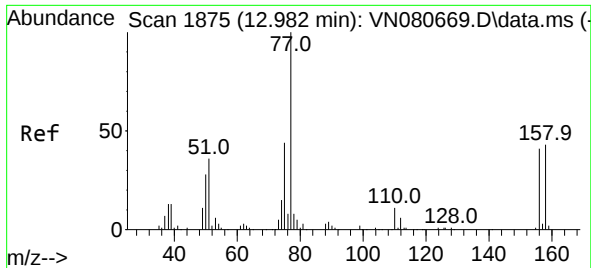
Supervised By :Mahesh
Dadoda
01/23/2024



#72
1,2,3-Trichloropropane
Concen: 16.040 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Tgt Ion: 75 Resp: 46152
Ion Ratio Lower Upper
75 100
77 177.1 0.0 367.6





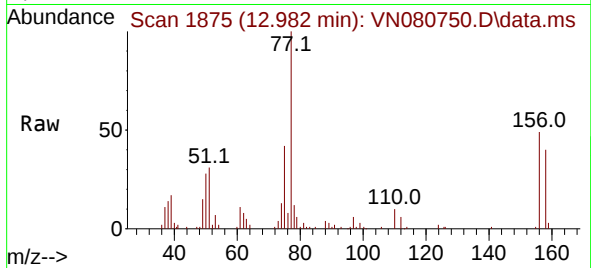
#73
Bromobenzene
Concen: 15.234 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion:156 Resp: 3020
Ion Ratio Lower Upper
156 100
77 270.6 0.0 437.6
158 93.4 0.0 203.8

Manual Integrations

APPROVED

Reviewed By :John

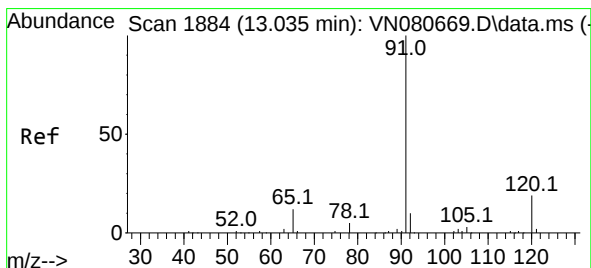
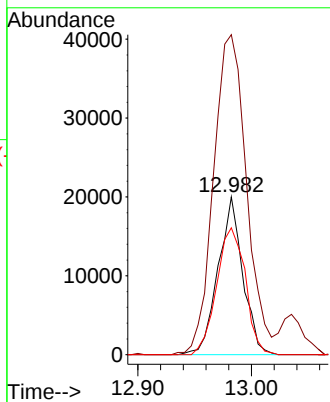
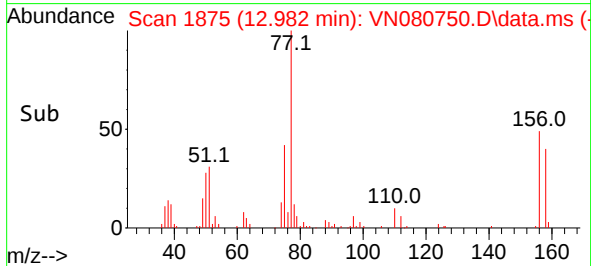
Carlone

01/23/2024

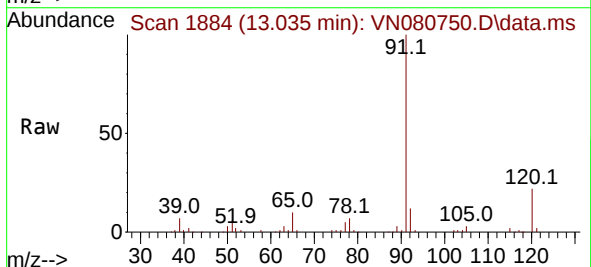
Supervised By :Mahesh

Dadoda

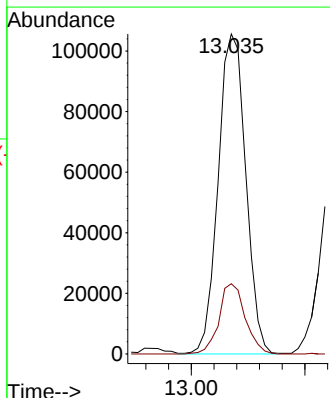
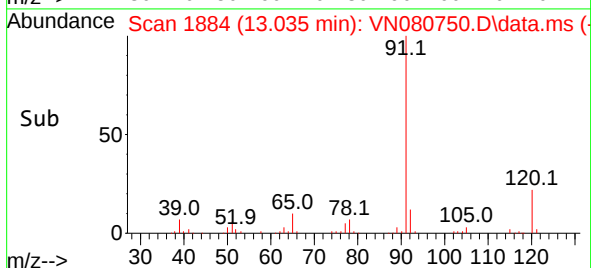
01/23/2024

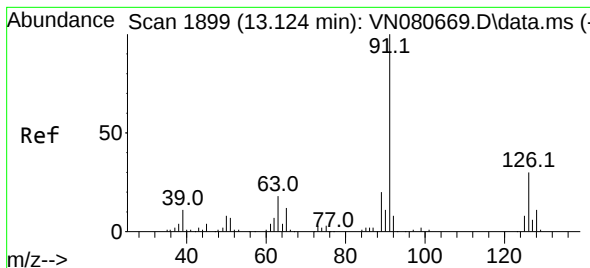


#74
n-propylbenzene
Concen: 15.884 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56



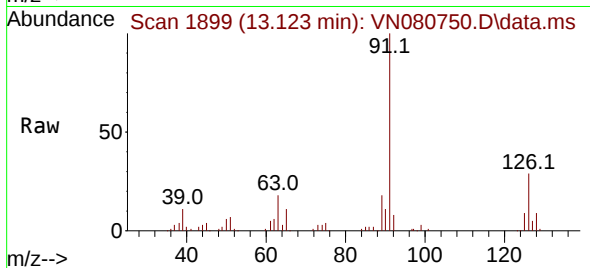
Tgt Ion: 91 Resp: 178176
Ion Ratio Lower Upper
91 100
120 20.8 0.0 43.8





#75
2-Chlorotoluene
Concen: 15.205 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.001 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

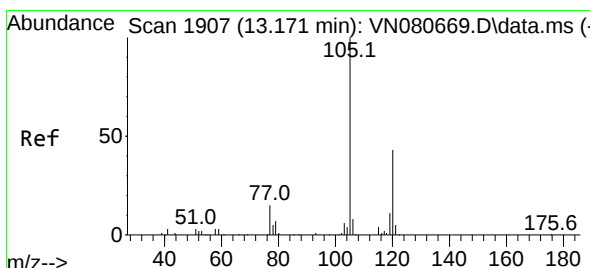
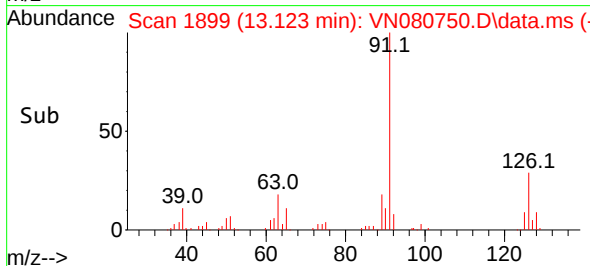
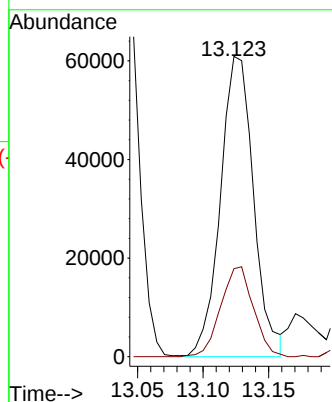


Tgt Ion: 91 Resp: 10725
Ion Ratio Lower Upper
91 100
126 29.4 0.0 61.2

Manual Integrations
APPROVED

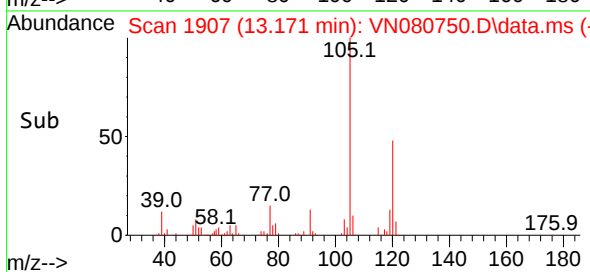
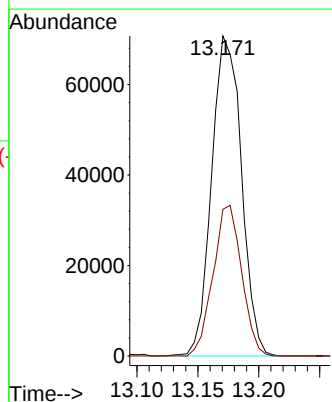
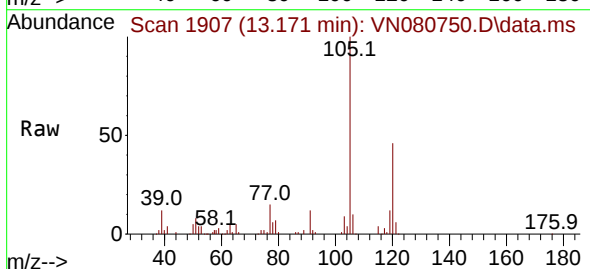
Reviewed By :John
Carlone
01/23/2024

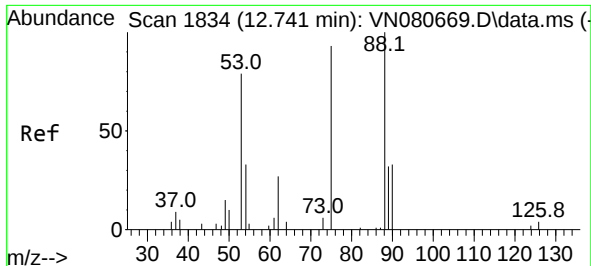
Supervised By :Mahesh
Dadoda
01/23/2024



#76
1,3,5-Trimethylbenzene
Concen: 15.526 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

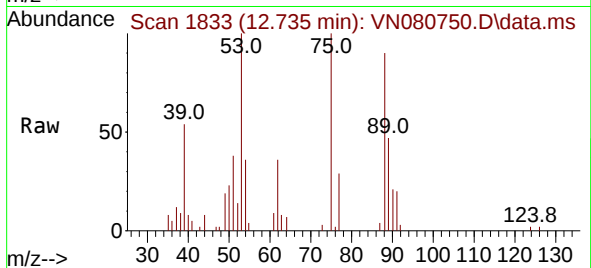
Tgt Ion:105 Resp: 120192
Ion Ratio Lower Upper
105 100
120 45.2 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 14.996 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

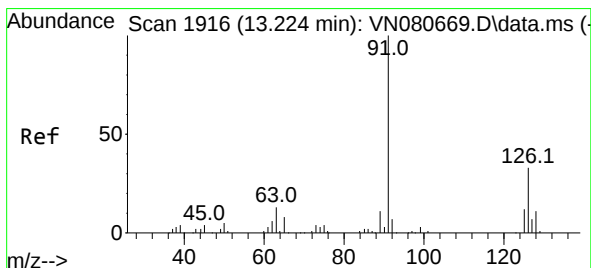
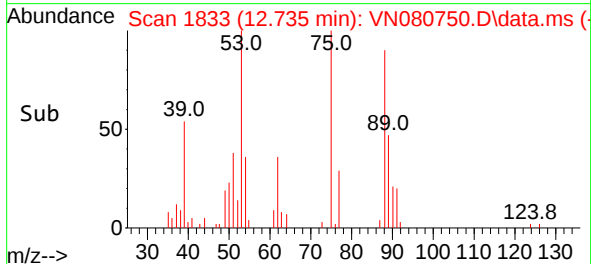
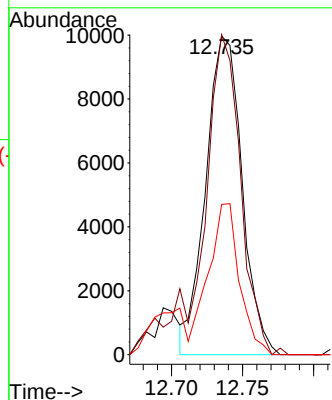


Tgt Ion: 75 Resp: 17689
Ion Ratio Lower Upper
75 100
53 98.3 45.9 137.7
89 47.1 25.9 77.7

Manual Integrations
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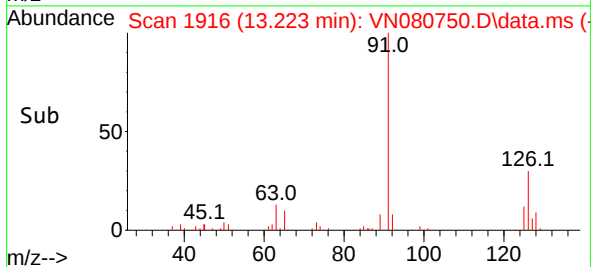
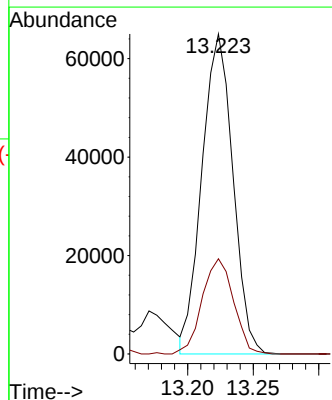
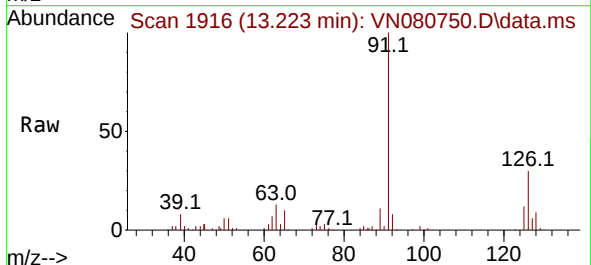
Reviewed By :John
Carlone
01/23/2024

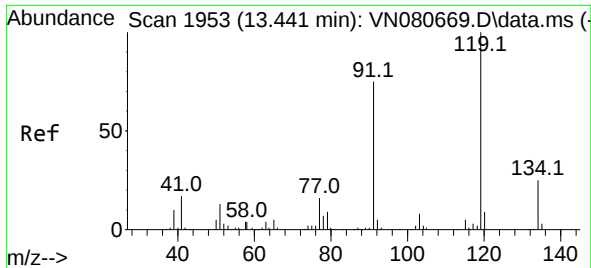
Supervised By :Mahesh
Dadoda
01/23/2024



#78
4-Chlorotoluene
Concen: 15.153 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.001 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Tgt Ion: 91 Resp: 106849
Ion Ratio Lower Upper
91 100
126 30.0 0.0 62.8





#79
tert-butylbenzene
Concen: 15.960 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:119 Resp: 96439
Ion Ratio Lower Upper
119 100
91 71.8 0.0 138.8
134 23.3 0.0 48.6

Manual Integrations
APPROVED

Reviewed By :John

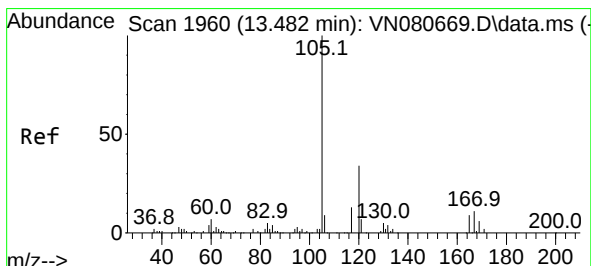
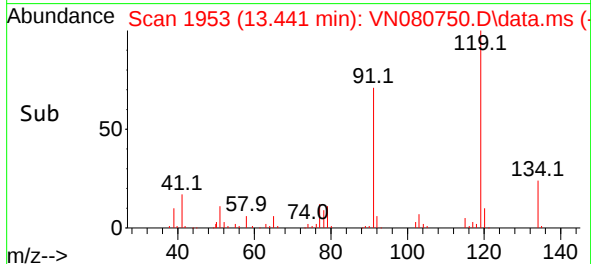
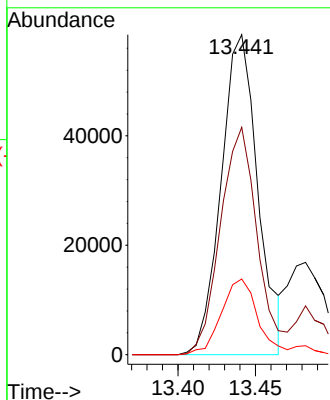
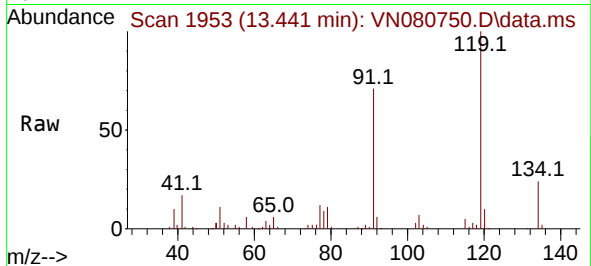
Carlone

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Supervised By :Mahesh

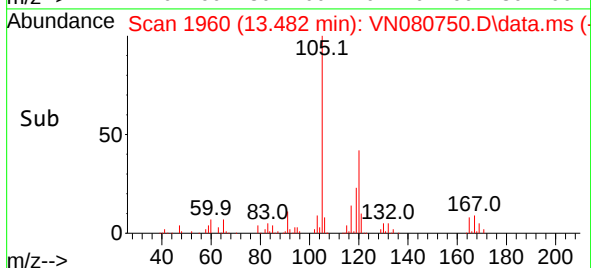
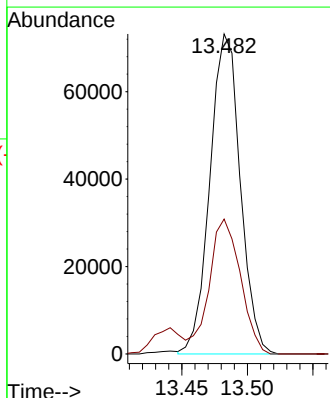
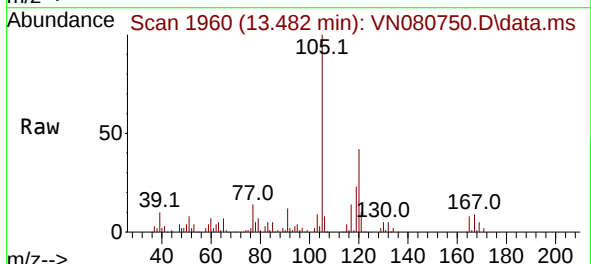
Dadoda

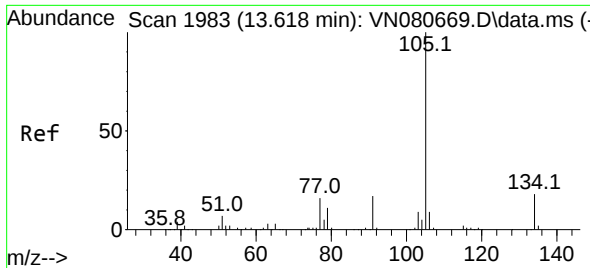
01/23/2024



#80
1,2,4-Trimethylbenzene
Concen: 15.546 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

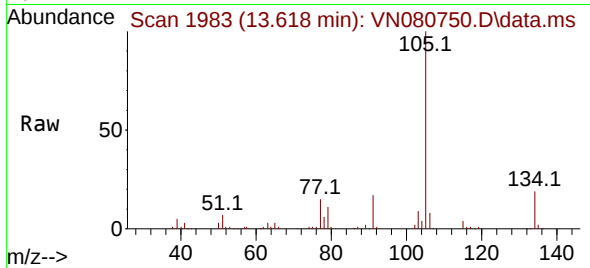
Tgt Ion:105 Resp: 117744
Ion Ratio Lower Upper
105 100
120 43.4 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 15.728 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080750.D
 Acq: 22 Jan 2024 20:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

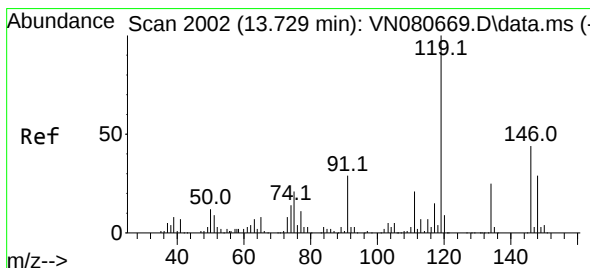
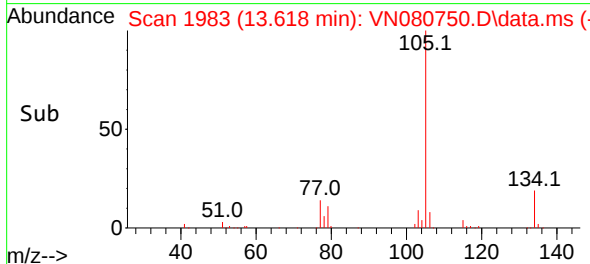
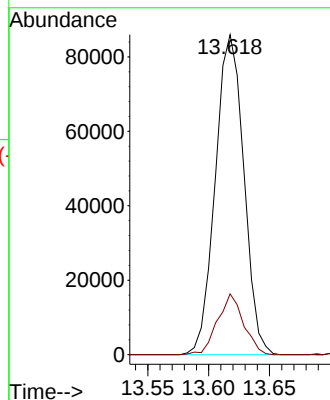


Tgt Ion:105 Resp: 13990
 Ion Ratio Lower Upper
 105 100
 134 16.9 0.0 39.0

Manual Integrations
 APPROVED

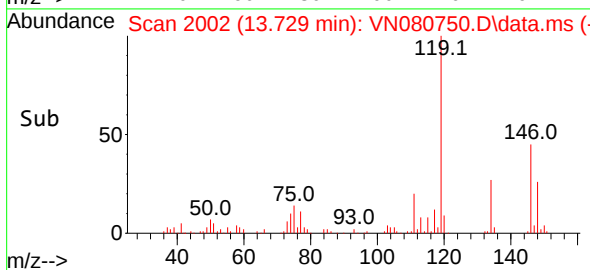
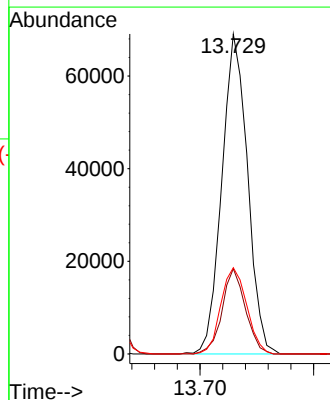
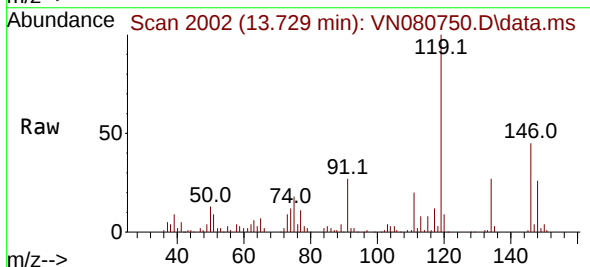
Reviewed By :John
 Carlone
 01/23/2024

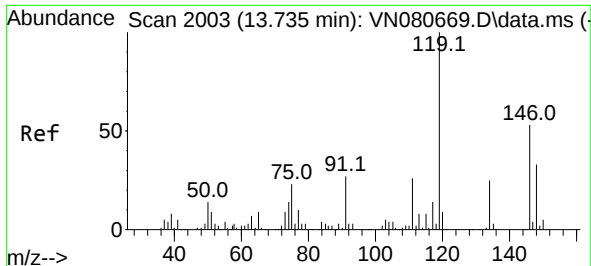
Supervised By :Mahesh
 Dadoda
 01/23/2024



#82
 p-Isopropyltoluene
 Concen: 15.993 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080750.D
 Acq: 22 Jan 2024 20:56

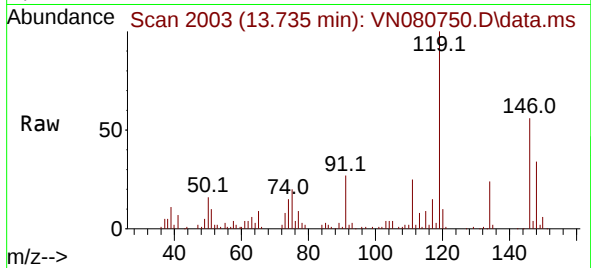
Tgt Ion:119 Resp: 108491
 Ion Ratio Lower Upper
 119 100
 134 24.1 0.0 49.2
 91 27.1 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 16.078 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

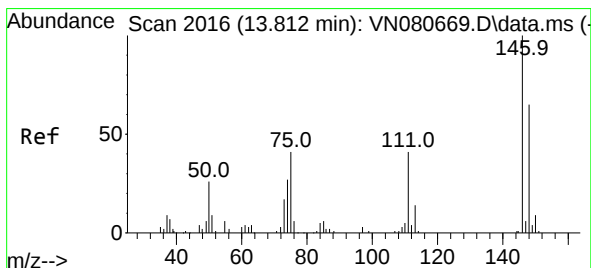
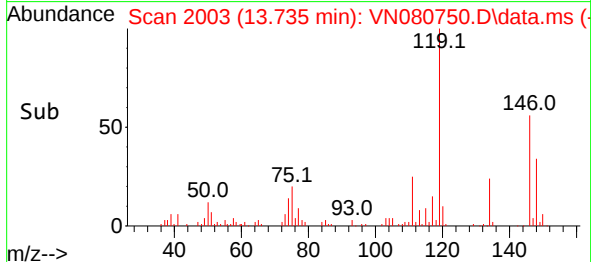
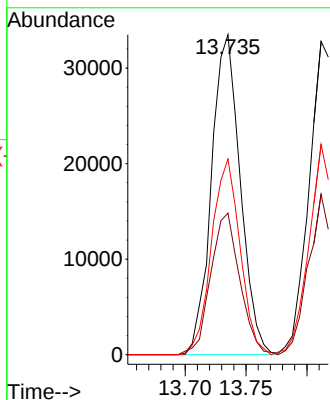


Tgt Ion:146 Resp: 55298
Ion Ratio Lower Upper
146 100
111 44.7 22.4 67.0
148 60.1 32.1 96.5

Manual Integrations
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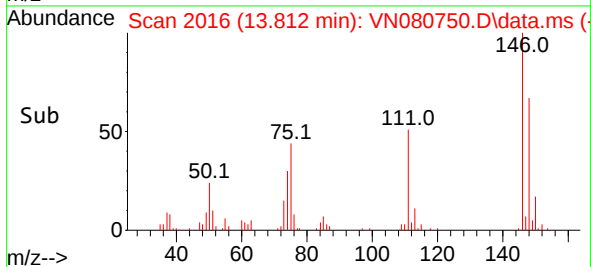
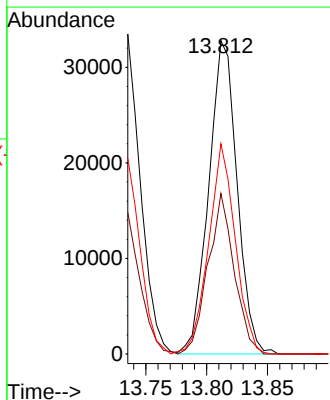
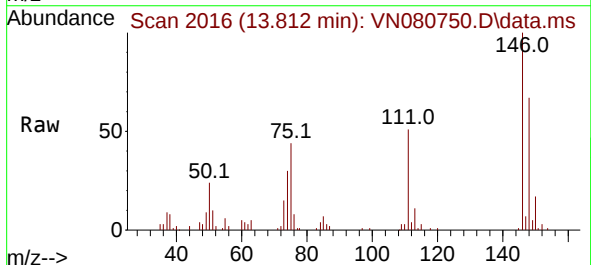
Reviewed By :John
Carlone
01/23/2024

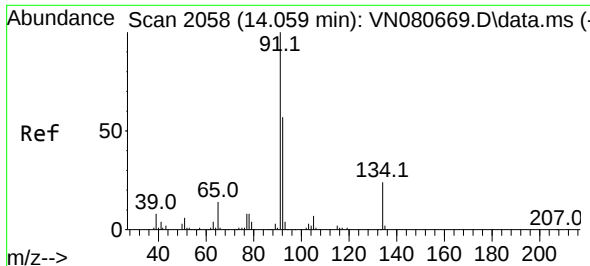
Supervised By :Mahesh
Dadoda
01/23/2024



#84
1,4-Dichlorobenzene
Concen: 15.376 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Tgt Ion:146 Resp: 53249
Ion Ratio Lower Upper
146 100
111 47.3 21.3 63.9
148 63.1 31.9 95.5





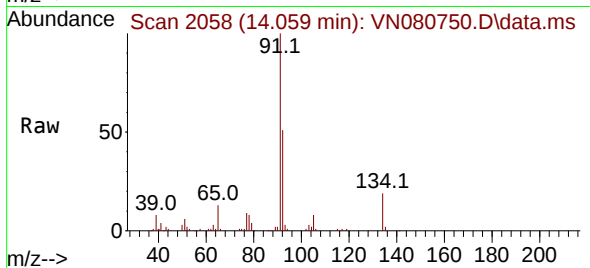
#85
n-Butylbenzene
Concen: 15.293 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 91 Resp: 102500
Ion Ratio Lower Upper
91 100
92 51.1 0.0 105.0
134 22.3 0.0 51.8

Manual Integrations
APPROVED

Reviewed By :John

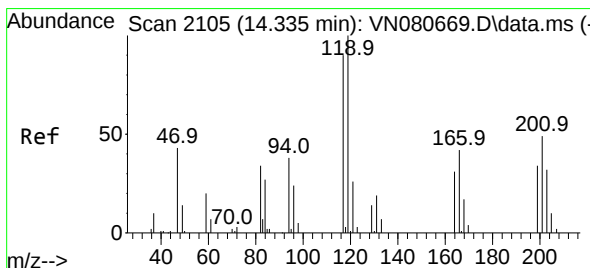
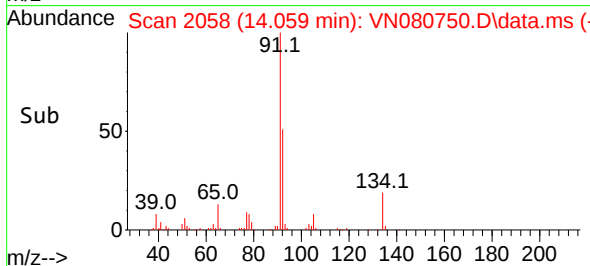
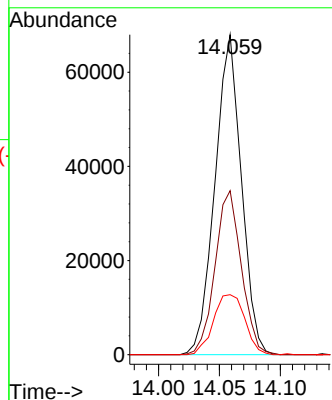
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Supervised By :Mahesh

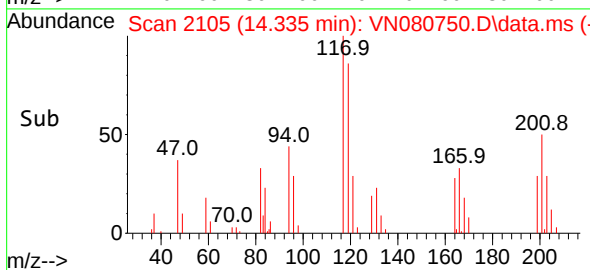
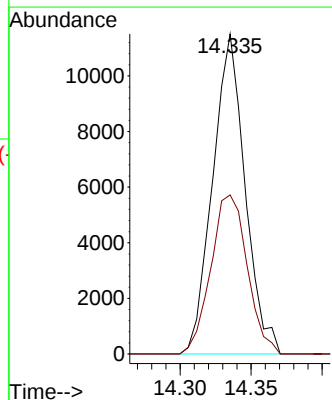
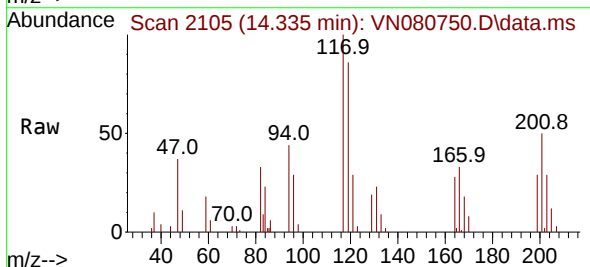
Dadoda

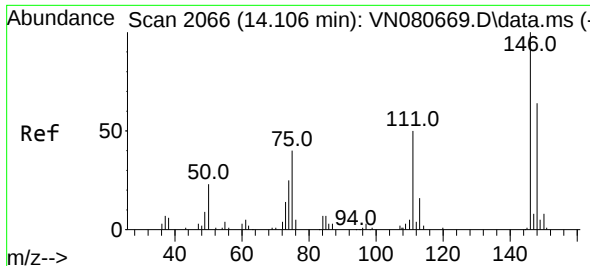
01/23/2024



#86
Hexachloroethane
Concen: 14.294 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Tgt Ion:117 Resp: 18234
Ion Ratio Lower Upper
117 100
201 55.9 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 16.116 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN080750.D

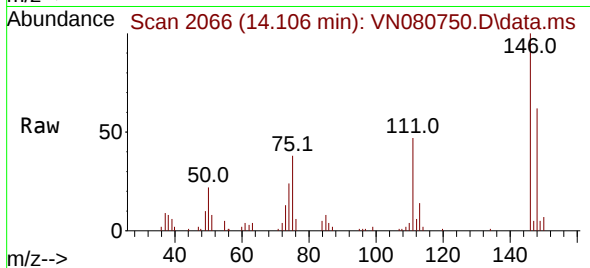
Acq: 22 Jan 2024 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion:146 Resp: 54379

Ion	Ratio	Lower	Upper
146	100		
111	47.4	22.6	67.8
148	62.2	31.3	93.8

Manual Integrations
APPROVED

Reviewed By :John

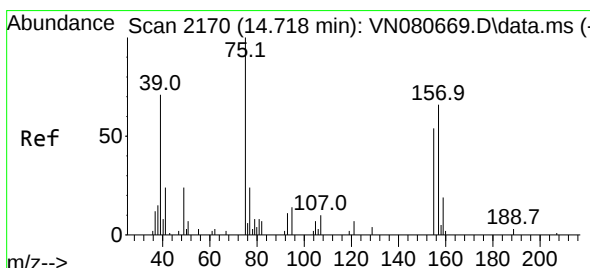
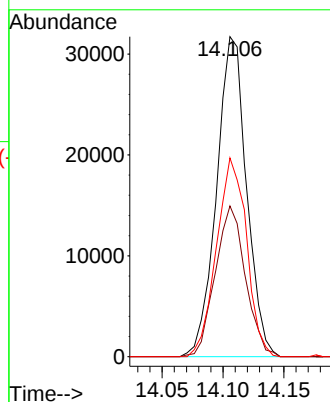
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Supervised By :Mahesh

Dadoda

01/23/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 12.097 ug/l m

RT: 14.729 min Scan# 2172

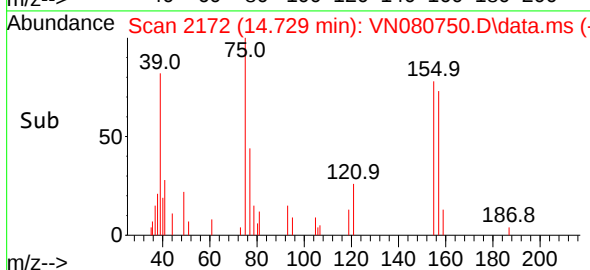
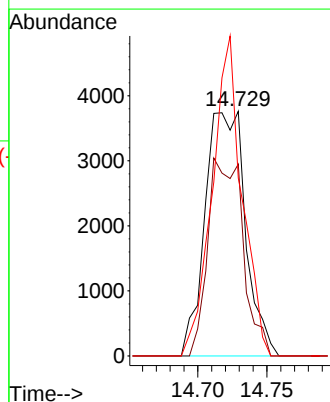
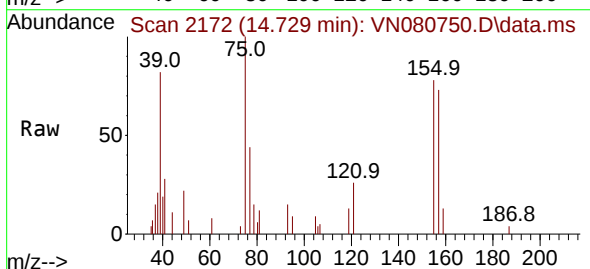
Delta R.T. 0.011 min

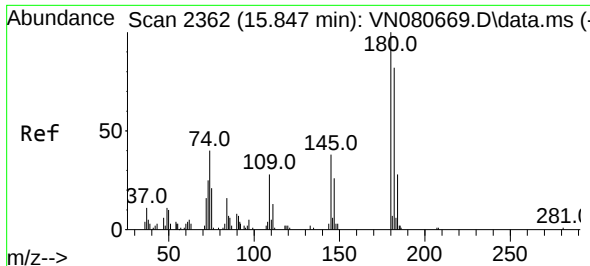
Lab File: VN080750.D

Acq: 22 Jan 2024 20:56

Tgt Ion: 75 Resp: 7646

Ion	Ratio	Lower	Upper
75	100		
155	47.6	61.7	92.5
157	96.8	83.6	125.4





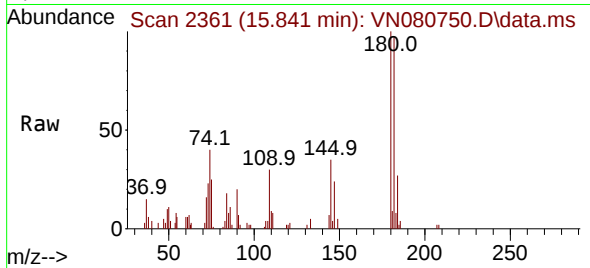
#89
1,2,4-Trichlorobenzene
Concen: 14.245 ug/l
RT: 15.841 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion:180 Resp: 24100
Ion Ratio Lower Upper
180 100
182 96.4 76.4 114.6
145 39.1 28.4 42.6

Manual Integrations

APPROVED

Reviewed By :John

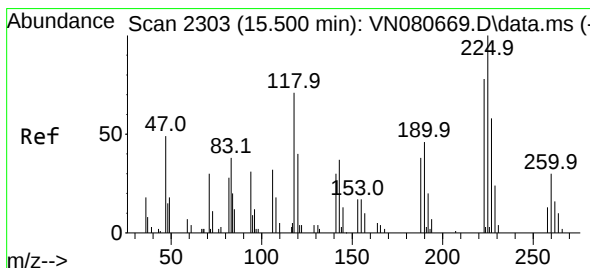
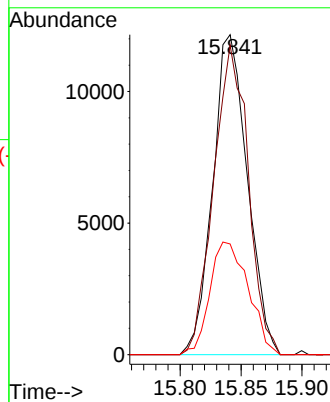
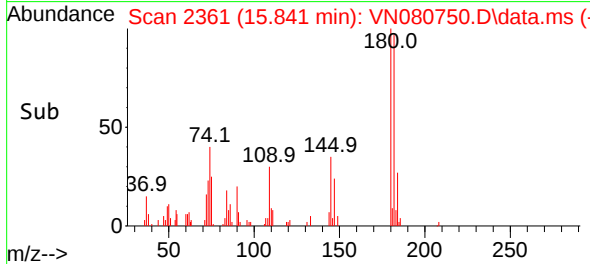
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Supervised By :Mahesh

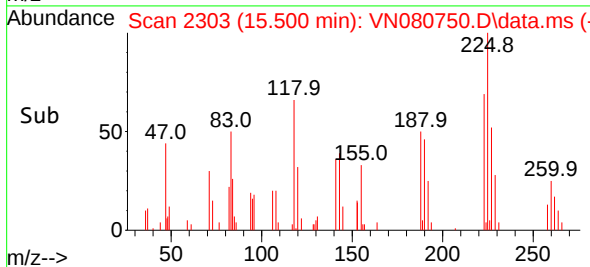
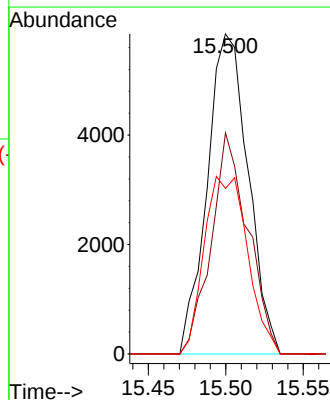
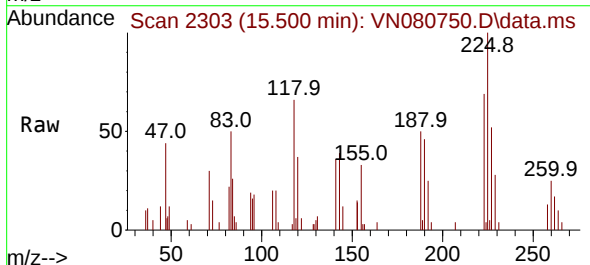
Dadoda

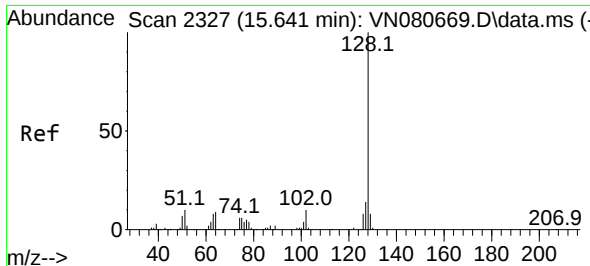
01/23/2024



#90
Hexachlorobutadiene
Concen: 13.862 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

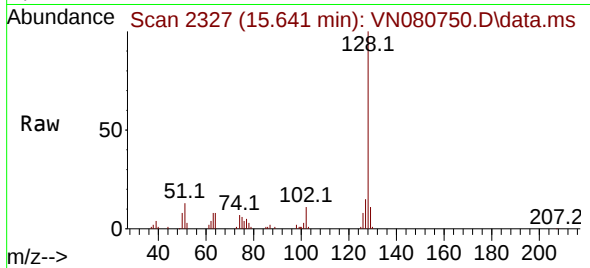
Tgt Ion:225 Resp: 10748
Ion Ratio Lower Upper
225 100
223 61.8 0.0 126.6
227 58.7 0.0 126.6





#91
Naphthalene
Concen: 14.409 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

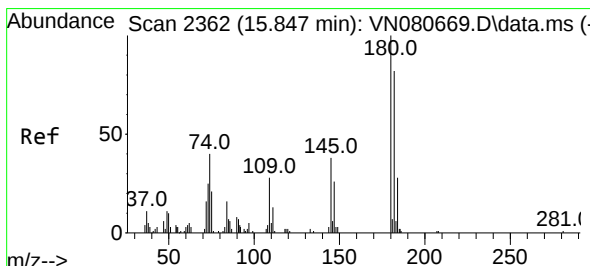
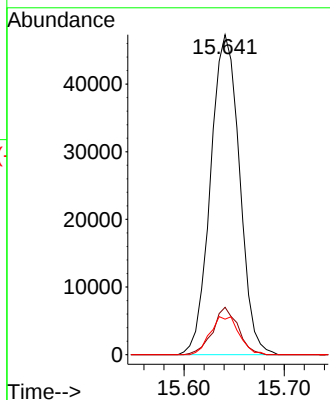
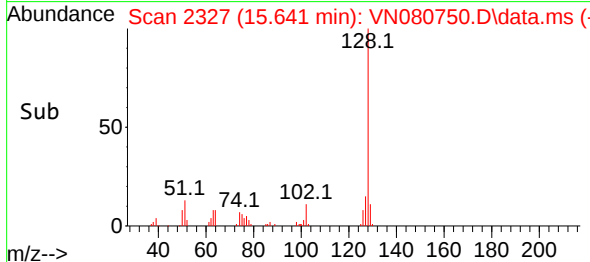


Tgt Ion:128 Resp: 9505
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone
01/23/2024

Supervised By :Mahesh
Dadoda
01/23/2024



#92
1,2,3-Trichlorobenzene
Concen: 14.245 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN080750.D
Acq: 22 Jan 2024 20:56

Tgt Ion:180 Resp: 24106
Ion Ratio Lower Upper
180 100
182 96.4 0.0 191.0
145 39.1 0.0 71.0

