

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101424\
 Data File : VN084403.D
 Acq On : 14 Oct 2024 09:13
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Oct 15 01:28:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 10/15/2024

Supervised By :Mahesh
 Dadoda
 10/15/2024

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

Internal Standards						
1) Bromochloromethane	7.818	128	33957	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	169162	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	160531	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	80124	29.308	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.700%		
60) 4-Bromofluorobenzene	12.847	95	80971	30.562	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	101.867%		
63) Toluene-d8	10.565	98	230733	31.026	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	103.433%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	37574	18.123	ug/l	99
3) Chloromethane	2.359	50	42474	18.003	ug/l	99
4) Vinyl Chloride	2.512	62	41869	18.097	ug/l	99
5) Bromomethane	2.959	94	27430	17.895	ug/l	93
6) Chloroethane	3.124	64	26668	17.582	ug/l	95
7) Trichlorofluoromethane	3.500	101	68095	18.069	ug/l	99
8) Diethyl Ether	3.965	74	23518	16.974	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	40024	18.888	ug/l	72
10) 1,1-Dichloroethene	4.342	96	37721	17.841	ug/l	85
11) Methyl Iodide	4.583	142	47625	17.140	ug/l	97
12) Methyl Acetate	5.030	43	50560	19.101	ug/l	98
13) Acrolein	4.177	56	41623	84.650	ug/l	99
14) Acrylonitrile	5.718	53	109155	91.789	ug/l	99
15) Acetone	4.430	58	38248	112.592	ug/l	99
16) Carbon Disulfide	4.712	76	108914	17.298	ug/l	99
17) Allyl chloride	5.024	41	55245	16.119	ug/l	89
18) Methylene Chloride	5.277	84	43548	18.284	ug/l	97
19) trans-1,2-Dichloroethene	5.789	96	40235	17.981	ug/l	89
20) Diisopropyl ether	6.677	45	131544	17.850	ug/l #	97
21) 1,1-Dichloroethane	6.571	63	77768	18.392	ug/l	98
22) cis-1,2-Dichloroethene	7.488	96	47745	18.336	ug/l	97
23) tert-Butyl Alcohol	5.518	59	39438	86.459	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	123990	17.548	ug/l #	84
25) Chloroform	7.965	83	83161	19.419	ug/l	98
26) Cyclohexane	8.259	56	55305	15.638	ug/l #	94
29) 1,1-Dichloropropene	8.371	75	54013	19.451	ug/l	99
30) 2-Butanone	7.488	43	156400	105.783	ug/l	98
31) 2,2-Dichloropropane	7.494	77	67067	20.552	ug/l #	80
32) 1,1,1-Trichloroethane	8.165	97	71508	20.146	ug/l	98
33) Carbon Tetrachloride	8.359	117	61908	20.132	ug/l	95
34) Benzene	8.606	78	176431	20.297	ug/l	96
35) Methacrylonitrile	7.777	41	31397	19.906	ug/l	99
36) 1,2-Dichloroethane	8.671	62	59274	20.457	ug/l	100
37) Trichloroethene	9.347	130	39354	19.661	ug/l	95
38) Methylcyclohexane	9.600	83	53384	17.501	ug/l	95
39) 1,2-Dichloropropane	9.624	63	43086	20.326	ug/l	100
40) Dibromomethane	9.712	93	31024	20.941	ug/l	99
41) Bromodichloromethane	9.888	83	65320	20.769	ug/l	92
42) Vinyl Acetate	6.606	43	472409	91.872	ug/l	100

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Manual Integrations

APPROVED

Reviewed By :John

Carlone

10/15/2024

Supervised By :Mahesh

Dadoda

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M

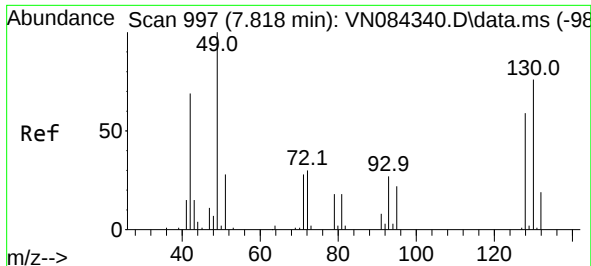
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Wed Oct 09 02:22:28 2024

Response via : Initial Calibration

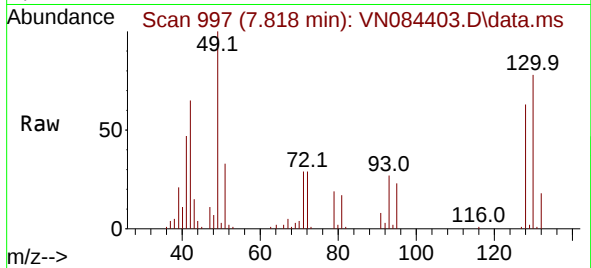
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	59606	20.442	ug/l	98
44) Isopropyl Acetate	8.688	43	92419	19.365	ug/l	99
45) 1,4-Dioxane	9.694	88	18069	419.986	ug/l	97
46) Methyl methacrylate	9.682	41	41876	18.160	ug/l	95
47) n-amyl Acetate	12.494	43	77013	18.142	ug/l	94
48) t-1,3-Dichloropropene	10.835	75	61042	18.782	ug/l	96
49) cis-1,3-Dichloropropene	10.312	75	67600	19.847	ug/l	96
50) 1,1,2-Trichloroethane	11.018	97	42379	21.282	ug/l	97
51) Ethyl methacrylate	10.876	69	60844	18.498	ug/l	97
52) 1,3-Dichloropropane	11.159	76	70026	20.112	ug/l	98
53) Dibromochloromethane	11.359	129	48261	20.516	ug/l	98
54) 1,2-Dibromoethane	11.471	107	39883	19.457	ug/l	96
55) 2-Chloroethyl vinyl ether	10.159	63	169446	113.584	ug/l	100
56) Bromoform	12.576	173	32152	20.608	ug/l #	96
58) 4-Methyl-2-Pentanone	10.447	43	295135	98.693	ug/l	100
59) 2-Hexanone	11.194	43	227105	102.202	ug/l	99
61) Tetrachloroethene	11.106	164	35885	19.762	ug/l	99
62) Toluene	10.629	91	188437	20.051	ug/l	99
64) Chlorobenzene	11.888	112	114337	19.551	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	40038	19.707	ug/l	97
66) Ethyl Benzene	11.965	91	192959	18.899	ug/l	99
67) m/p-Xylenes	12.071	106	152677	39.418	ug/l	100
68) o-Xylene	12.400	106	69844	18.708	ug/l	98
69) Styrene	12.412	104	123875	19.328	ug/l	98
70) Isopropylbenzene	12.694	105	181641	19.058	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	62646	21.247	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	51899m	20.553	ug/l	
73) Bromobenzene	12.982	156	46322	20.068	ug/l	97
74) n-propylbenzene	13.035	91	219925	19.364	ug/l	100
75) 2-Chlorotoluene	13.123	91	135472	19.195	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	156249	19.470	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	20235	18.753	ug/l	96
78) 4-Chlorotoluene	13.223	91	139091	19.384	ug/l	98
79) tert-butylbenzene	13.435	119	129254	18.879	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	158429	19.457	ug/l	99
81) sec-Butylbenzene	13.617	105	182377	19.348	ug/l	98
82) p-Isopropyltoluene	13.729	119	148715	18.745	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	86272	20.101	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	84140	19.742	ug/l	98
85) n-Butylbenzene	14.059	91	124785	18.160	ug/l	99
86) Hexachloroethane	14.335	117	29734	19.453	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	84062	20.258	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	12221	20.269	ug/l	95
89) 1,2,4-Trichlorobenzene	15.841	180	39810	18.452	ug/l	99
90) Hexachlorobutadiene	15.500	225	18938	18.973	ug/l	100
91) Naphthalene	15.641	128	121399	16.605	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	39810	18.452	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

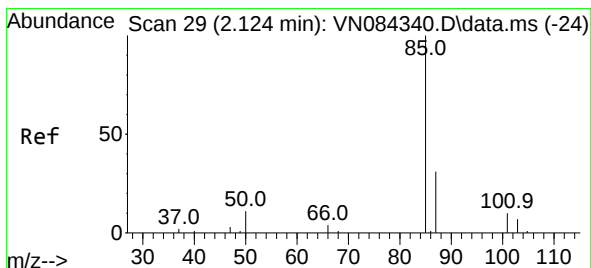
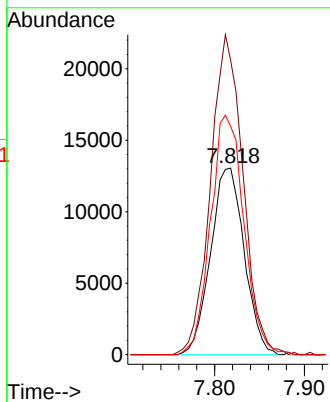
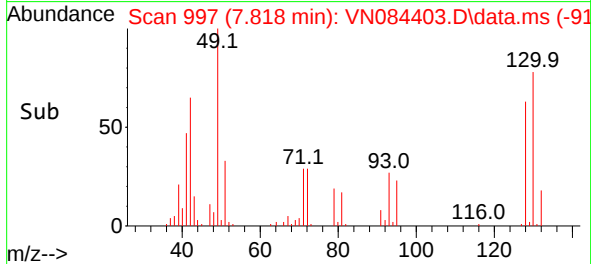


Tgt Ion:128 Resp: 3395
Ion Ratio Lower Upper
128 100
49 165.3 0.0 430.0
130 127.4 0.0 329.8

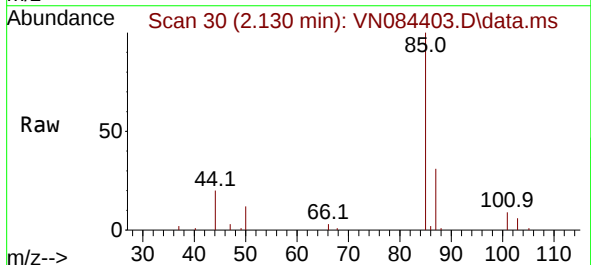
Manual Integrations
APPROVED

Reviewed By :John
Carlone
10/15/2024

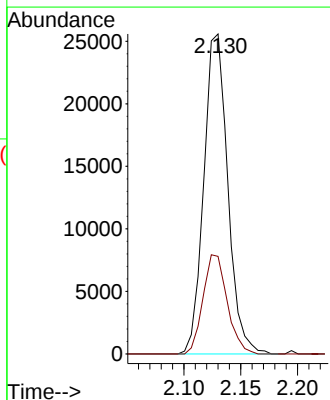
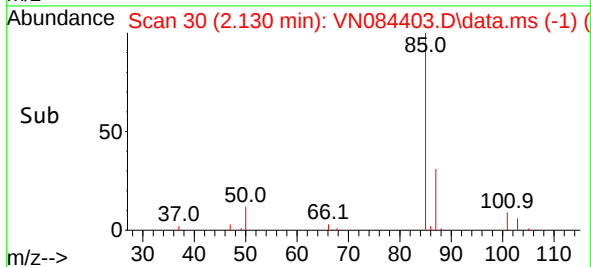
Supervised By :Mahesh
Dadoda
10/15/2024

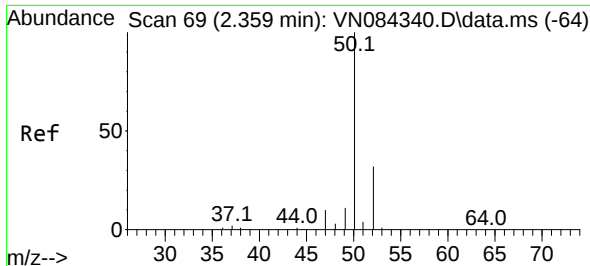


#2
Dichlorodifluoromethane
Concen: 18.123 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13



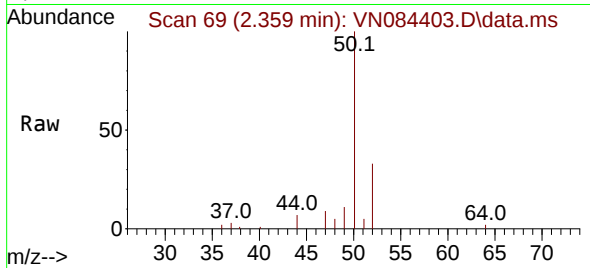
Tgt Ion: 85 Resp: 37574
Ion Ratio Lower Upper
85 100
87 30.5 15.4 46.4





#3
Chloromethane
Concen: 18.003 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

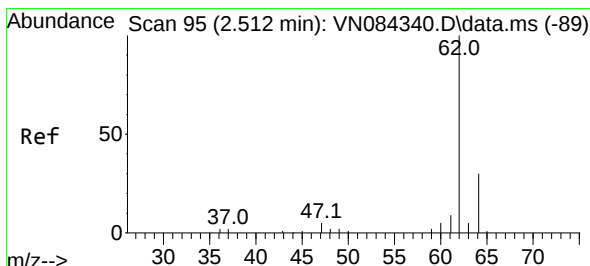
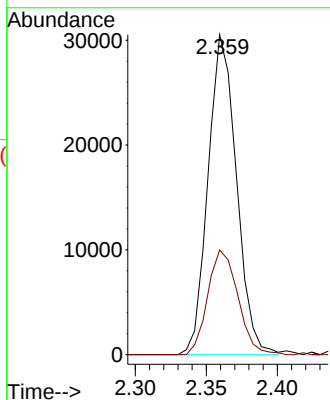
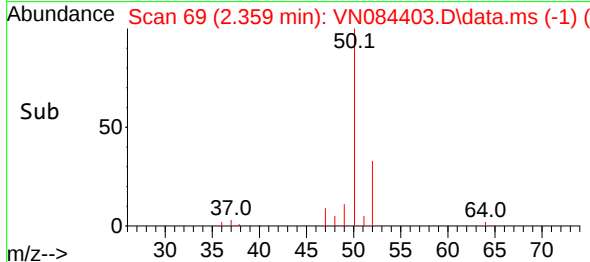


Tgt Ion: 50 Resp: 42474
Ion Ratio Lower Upper
50 100
52 32.7 25.8 38.6

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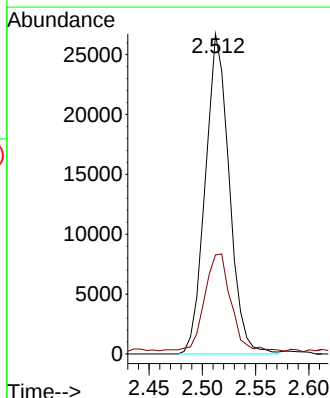
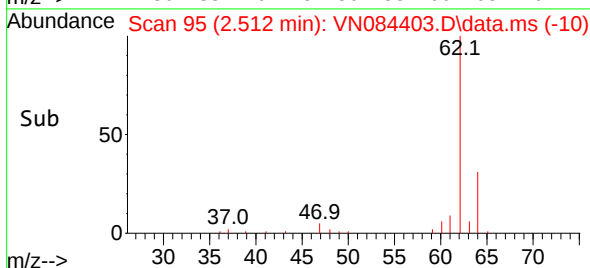
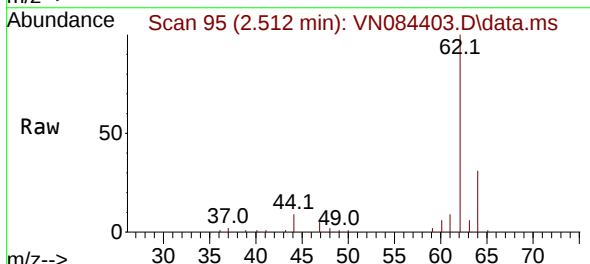
Reviewed By :John
Carlone
10/15/2024

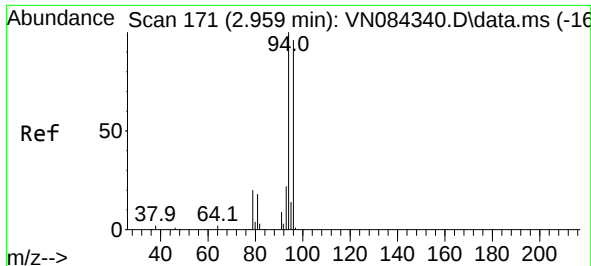
Supervised By :Mahesh
Dadoda
10/15/2024



#4
Vinyl Chloride
Concen: 18.097 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

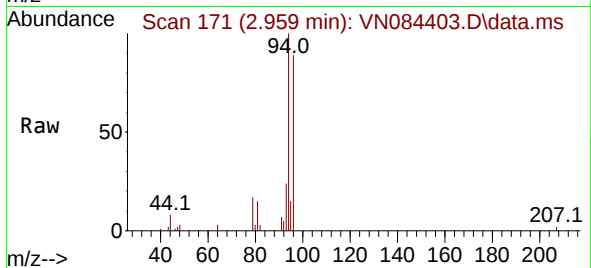
Tgt Ion: 62 Resp: 41869
Ion Ratio Lower Upper
62 100
64 29.7 24.3 36.5





#5
Bromomethane
Concen: 17.895 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :
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ClientSampleId :
VSTDCCC020

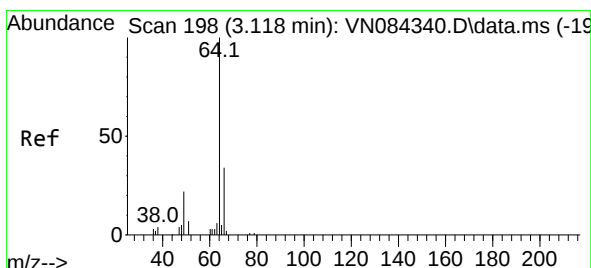
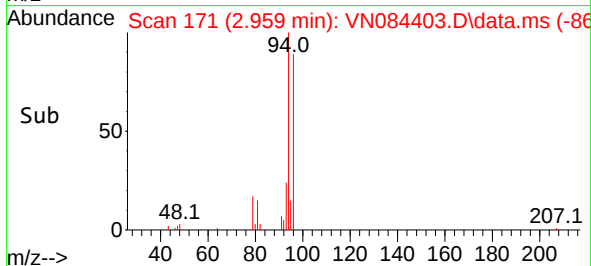
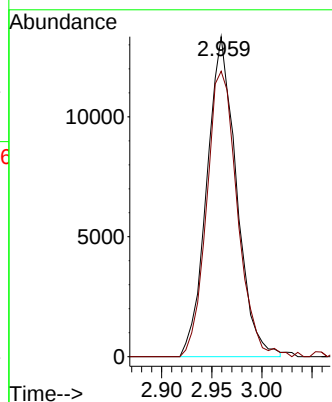


Tgt Ion: 94 Resp: 27430
Ion Ratio Lower Upper
94 100
96 89.2 76.7 115.1

Manual Integrations
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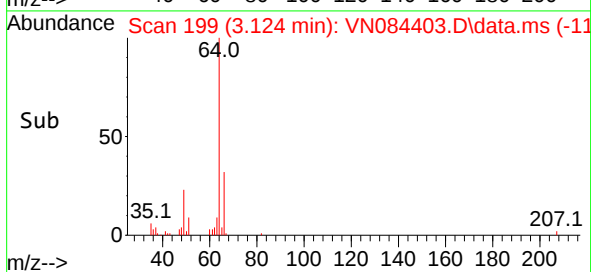
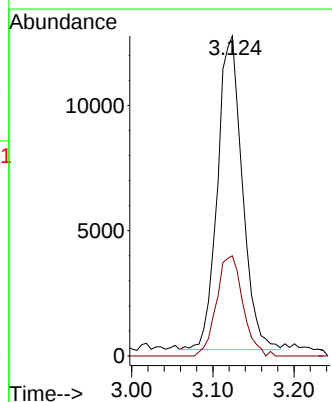
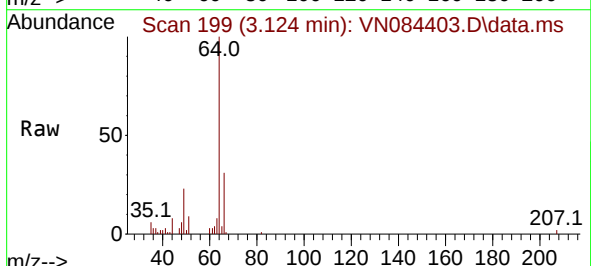
Reviewed By :John
Carlone
10/15/2024

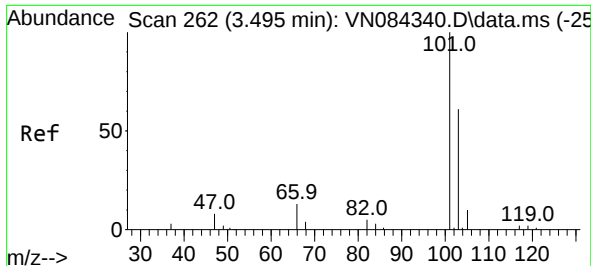
Supervised By :Mahesh
Dadoda
10/15/2024



#6
Chloroethane
Concen: 17.582 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Tgt Ion: 64 Resp: 26668
Ion Ratio Lower Upper
64 100
66 31.9 27.7 41.5





#7
 Trichlorofluoromethane
 Concen: 18.069 ug/l
 RT: 3.500 min Scan# 262
 Delta R.T. 0.006 min
 Lab File: VN084403.D
 Acq: 14 Oct 2024 09:13

Instrument :

MSVOA_N

ClientSampleId :

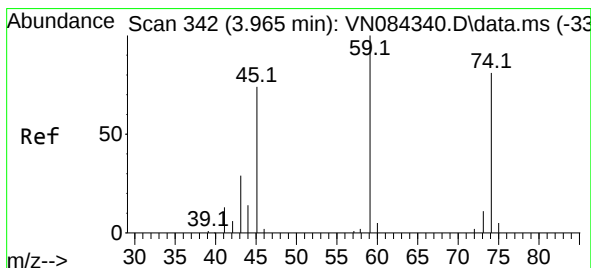
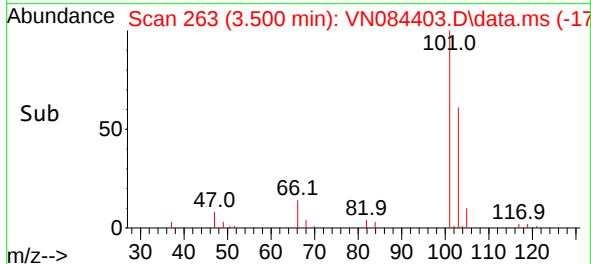
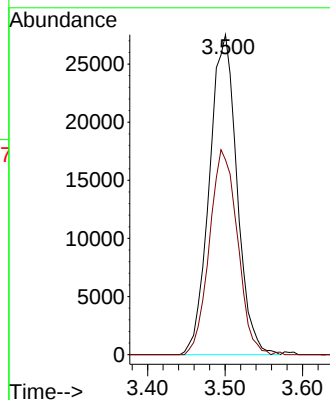
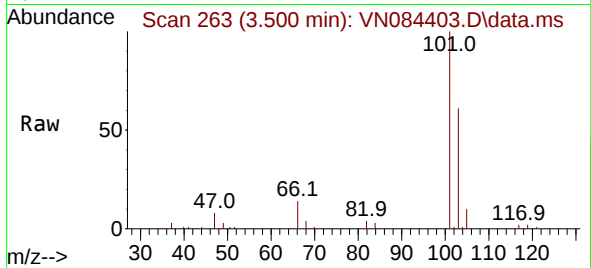
VSTDCCC020

Tgt Ion:101 Resp: 6809
 Ion Ratio Lower Upper
 101 100
 103 60.9 49.0 73.6

Manual Integrations
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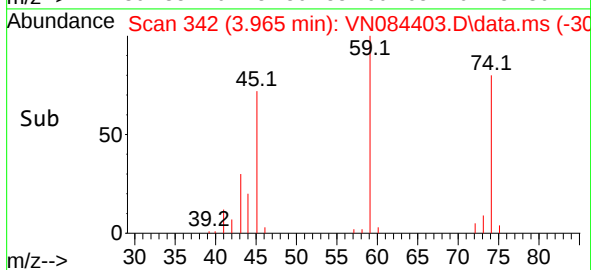
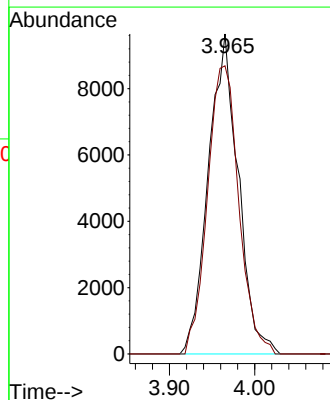
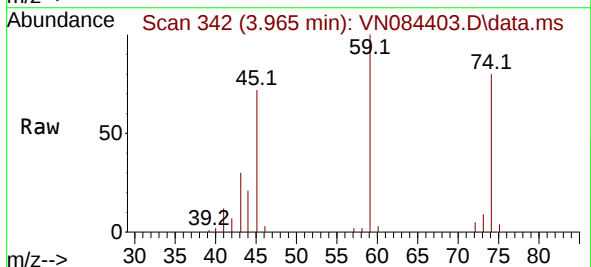
Reviewed By :John
 Carlone
 10/15/2024

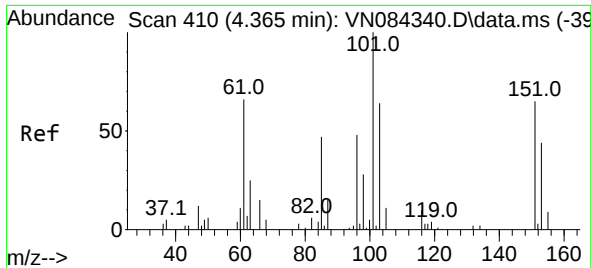
Supervised By :Mahesh
 Dadoda
 10/15/2024



#8
 Diethyl Ether
 Concen: 16.974 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN084403.D
 Acq: 14 Oct 2024 09:13

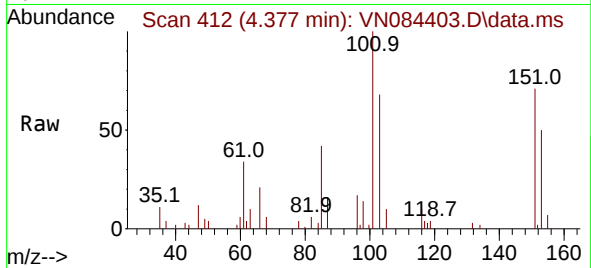
Tgt Ion: 74 Resp: 23518
 Ion Ratio Lower Upper
 74 100
 45 94.2 19.2 173.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.888 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :
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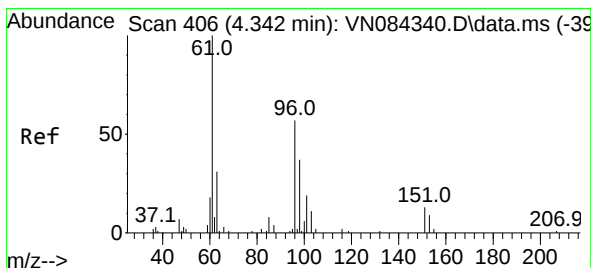
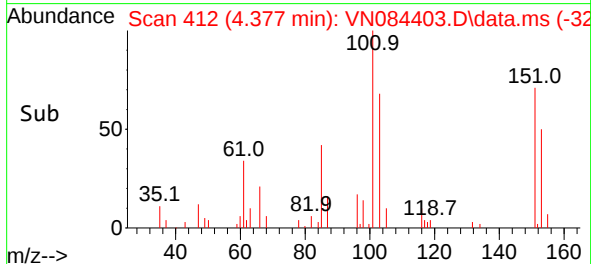
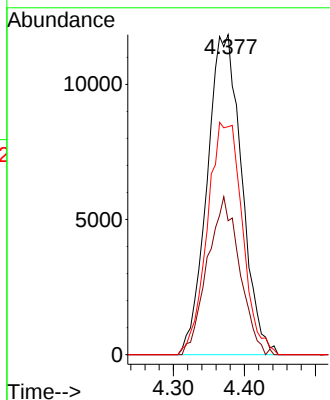


Tgt Ion:101 Resp: 40024
Ion Ratio Lower Upper
101 100
85 45.9 0.0 93.6
151 38.3 0.0 151.8

Manual Integrations
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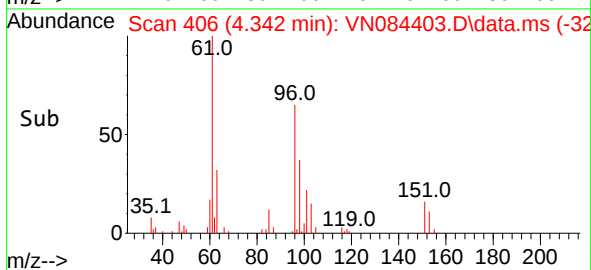
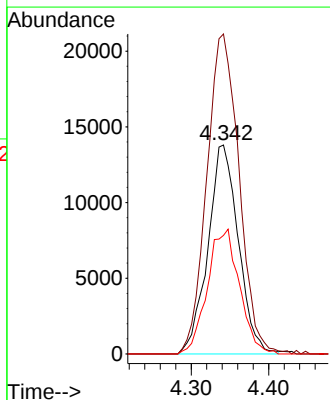
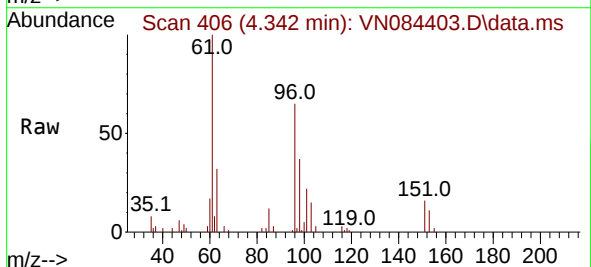
Reviewed By :John
Carlone
10/15/2024

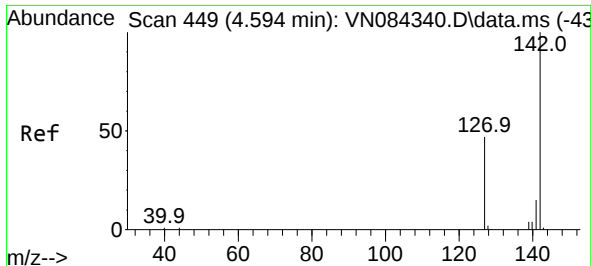
Supervised By :Mahesh
Dadoda
10/15/2024



#10
1,1-Dichloroethene
Concen: 17.841 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

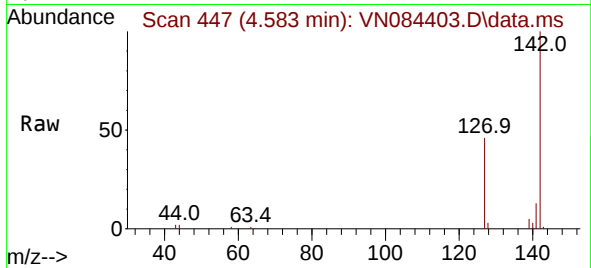
Tgt Ion: 96 Resp: 37721
Ion Ratio Lower Upper
96 100
61 153.1 140.8 211.2
98 56.7 52.2 78.2





#11
Methyl Iodide
Concen: 17.140 ug/l
RT: 4.583 min Scan# 449
Delta R.T. -0.012 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

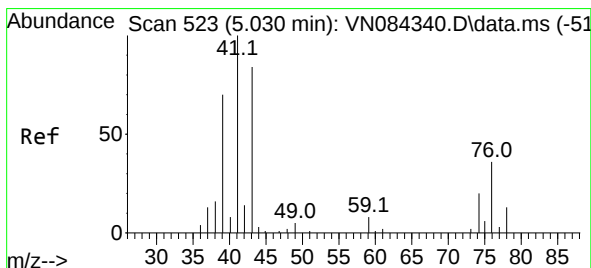
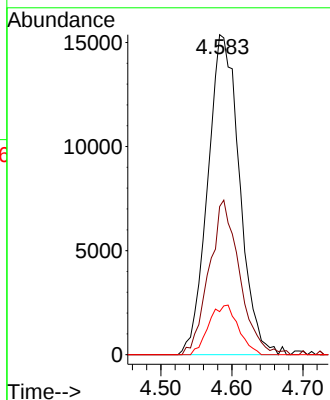
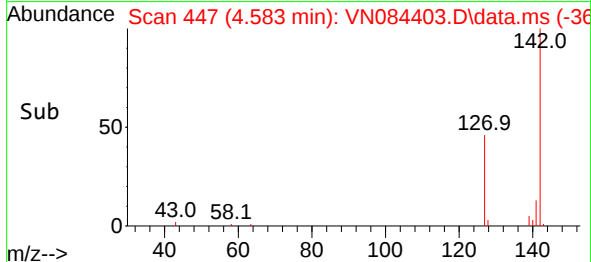


Tgt Ion:142 Resp: 47625
Ion Ratio Lower Upper
142 100
127 45.8 23.8 71.4
141 13.4 7.4 22.2

Manual Integrations
APPROVED

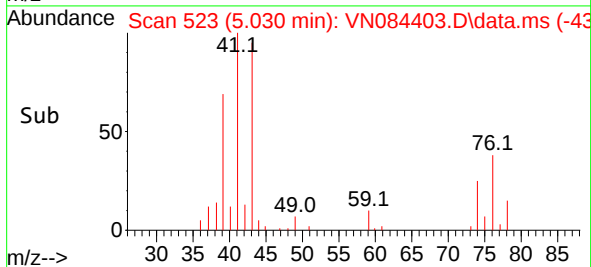
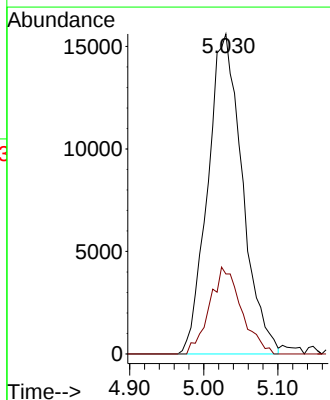
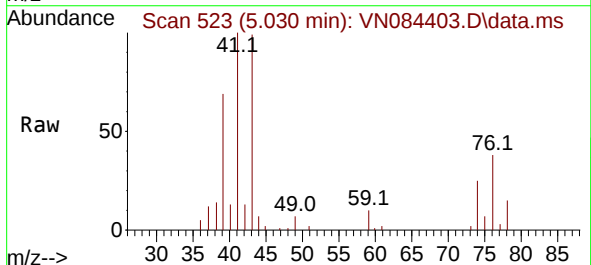
Reviewed By :John
Carlone
10/15/2024

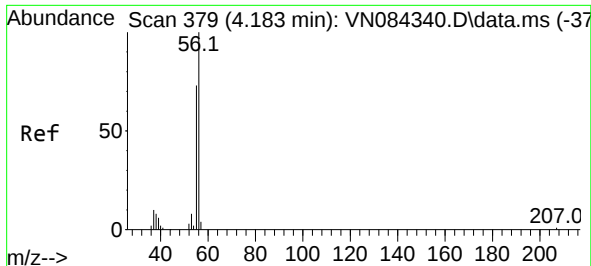
Supervised By :Mahesh
Dadoda
10/15/2024



#12
Methyl Acetate
Concen: 19.101 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

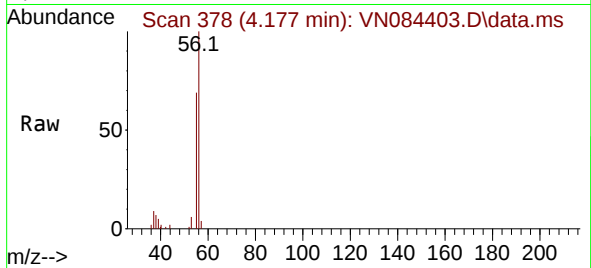
Tgt Ion: 43 Resp: 50560
Ion Ratio Lower Upper
43 100
74 25.2 19.4 29.2





#13
Acrolein
Concen: 84.650 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

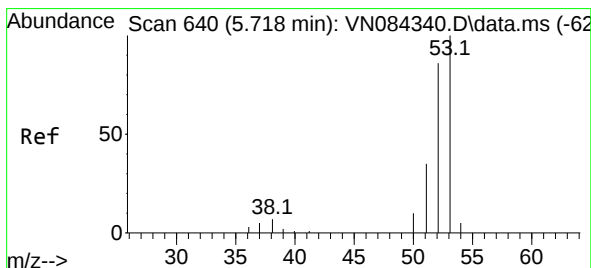
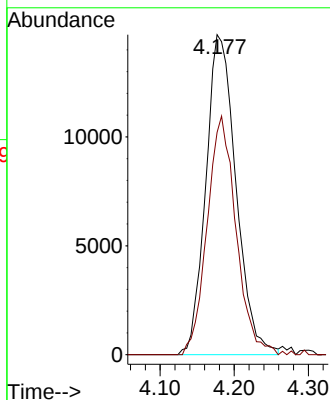
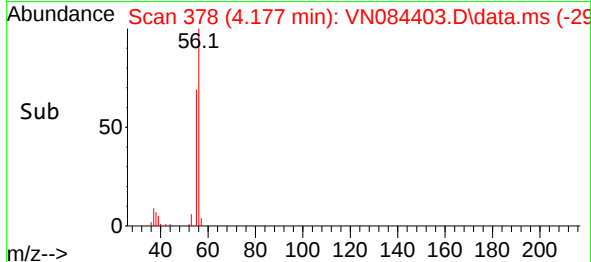


Tgt Ion: 56 Resp: 4162
Ion Ratio Lower Upper
56 100
55 71.3 56.4 84.6

Manual Integrations
APPROVED

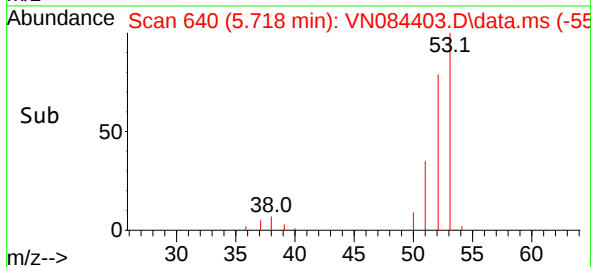
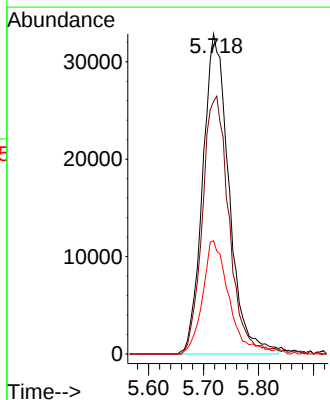
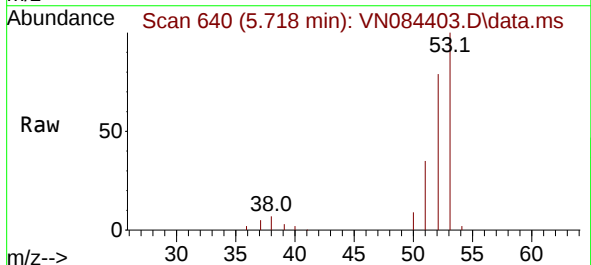
Reviewed By :John
Carlone
10/15/2024

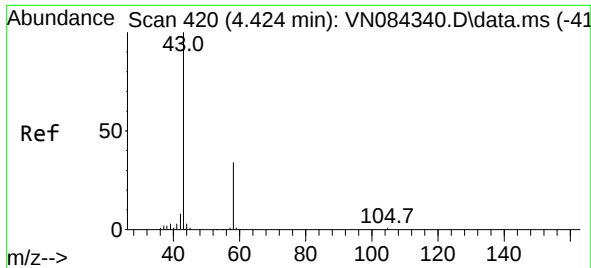
Supervised By :Mahesh
Dadoda
10/15/2024



#14
Acrylonitrile
Concen: 91.789 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

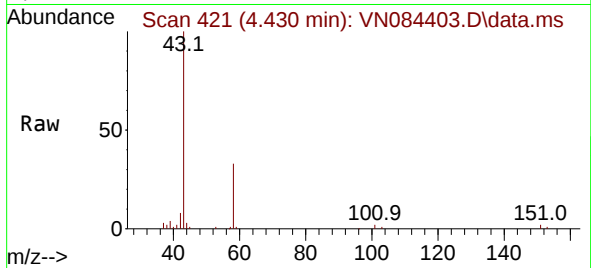
Tgt Ion: 53 Resp: 109155
Ion Ratio Lower Upper
53 100
52 81.1 40.4 121.2
51 34.0 17.8 53.4





#15
Acetone
Concen: 112.592 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

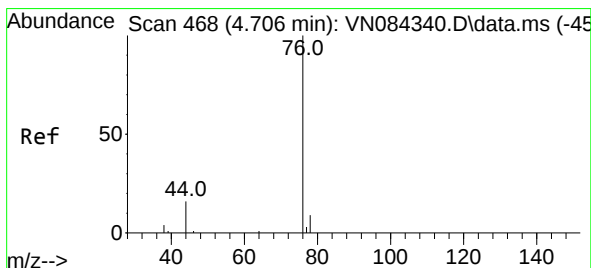
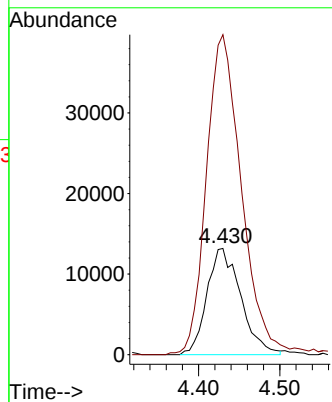
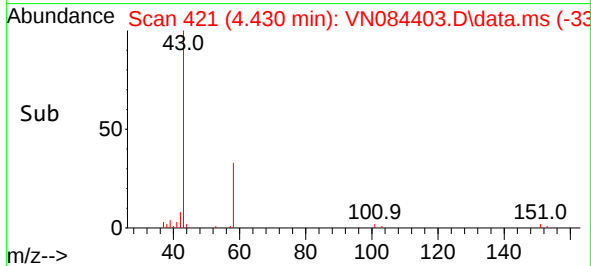


Tgt Ion: 58 Resp: 3824
Ion Ratio Lower Upper
58 100
43 298.2 237.5 356.3

Manual Integrations
APPROVED

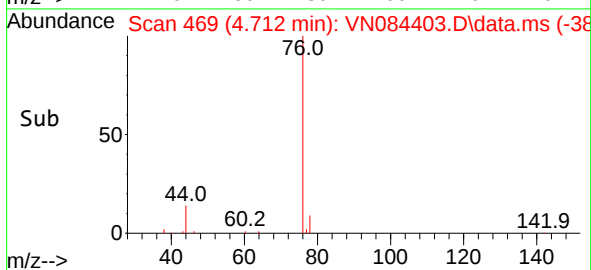
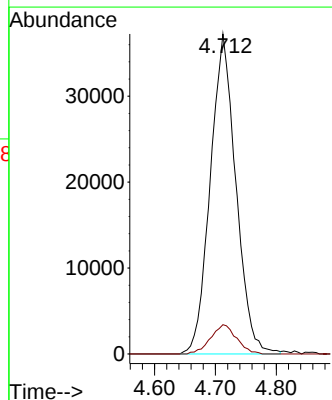
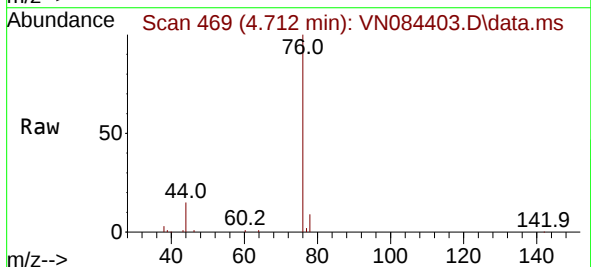
Reviewed By :John
Carlone
10/15/2024

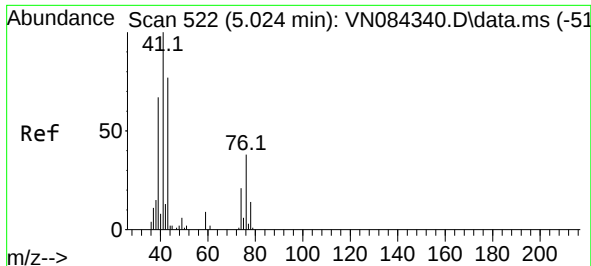
Supervised By :Mahesh
Dadoda
10/15/2024



#16
Carbon Disulfide
Concen: 17.298 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Tgt Ion: 76 Resp: 108914
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7





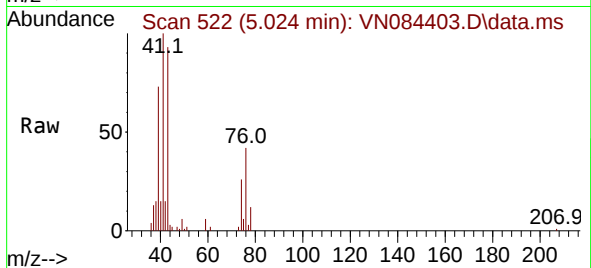
#17
 Allyl chloride
 Concen: 16.119 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN084403.D
 Acq: 14 Oct 2024 09:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion:	41	Resp:	5524
Ion	Ratio	Lower	Upper
41	100		
39	71.5	31.4	94.3
76	42.4	17.8	53.5

Manual Integrations

APPROVED

Reviewed By :John

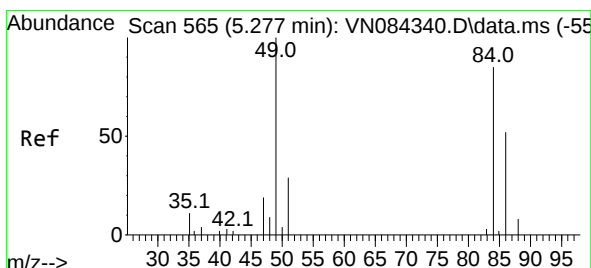
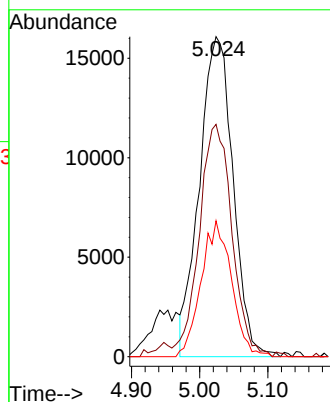
Carlone

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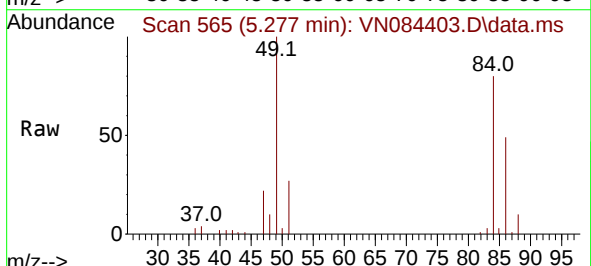
Supervised By :Mahesh

Dadoda

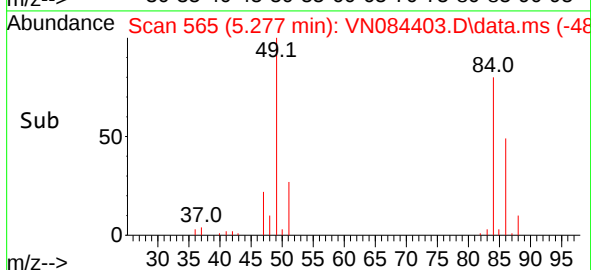
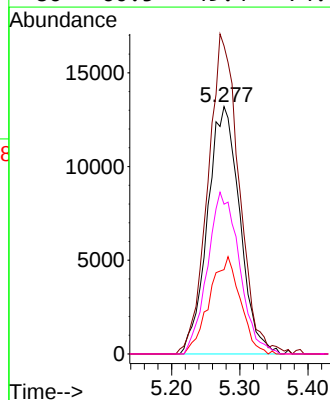
10/15/2024

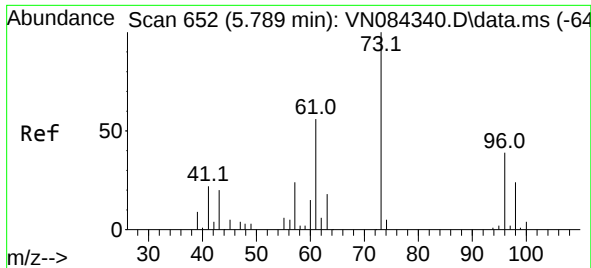


#18
 Methylene Chloride
 Concen: 18.284 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN084403.D
 Acq: 14 Oct 2024 09:13



Tgt Ion:	84	Resp:	43548
Ion	Ratio	Lower	Upper
84	100		
49	122.5	94.6	142.0
51	34.1	27.3	40.9
86	60.5	49.4	74.0





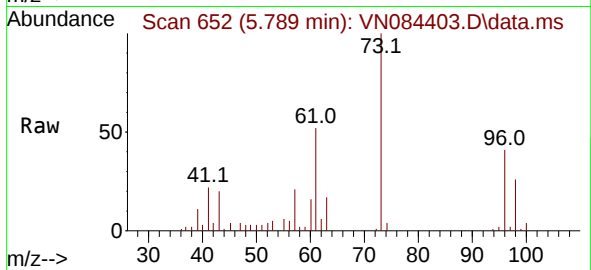
#19
trans-1,2-Dichloroethene
Concen: 17.981 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 96 Resp: 40235
Ion Ratio Lower Upper
96 100
61 126.2 115.8 173.6
98 63.8 49.4 74.0

Manual Integrations

APPROVED

Reviewed By :John

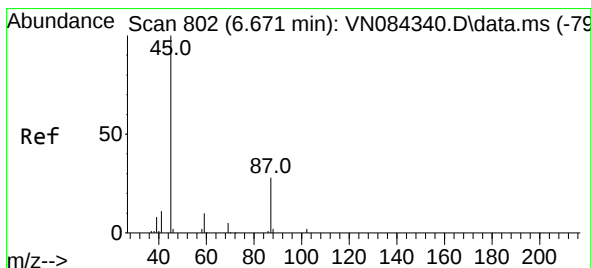
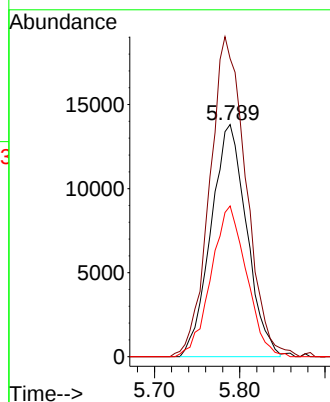
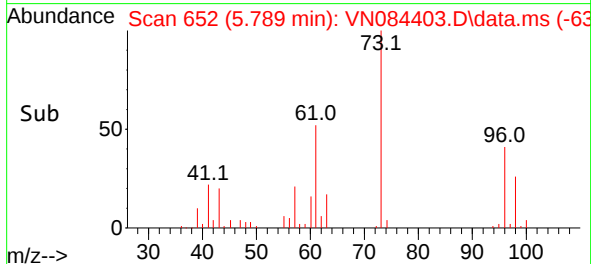
Carlone

10/15/2024

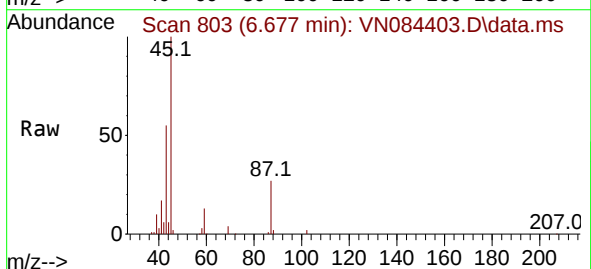
Supervised By :Mahesh

Dadoda

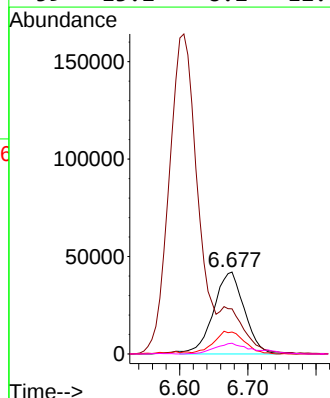
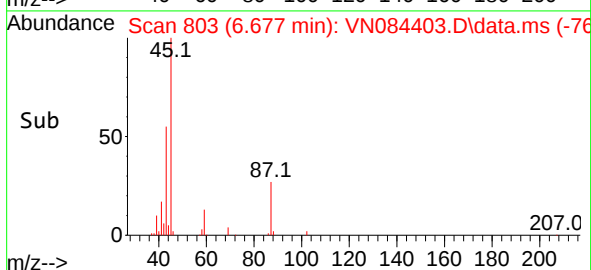
10/15/2024

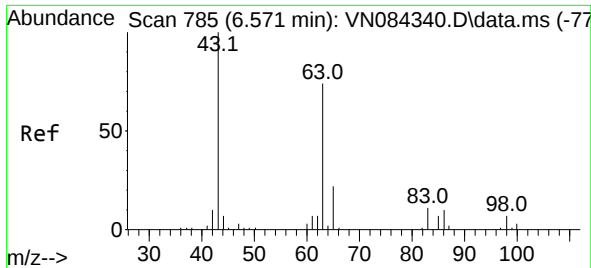


#20
Diisopropyl ether
Concen: 17.850 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13



Tgt Ion: 45 Resp: 131544
Ion Ratio Lower Upper
45 100
43 53.2 43.7 65.5
87 26.9 23.1 34.7
59 13.2 8.2 12.4#





#21
1,1-Dichloroethane
Concen: 18.392 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

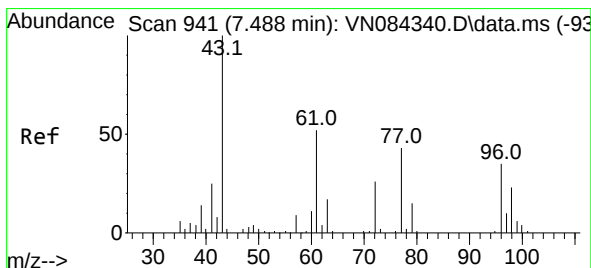
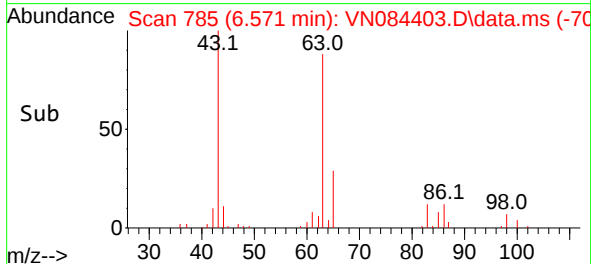
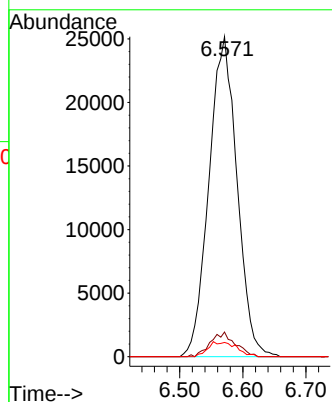
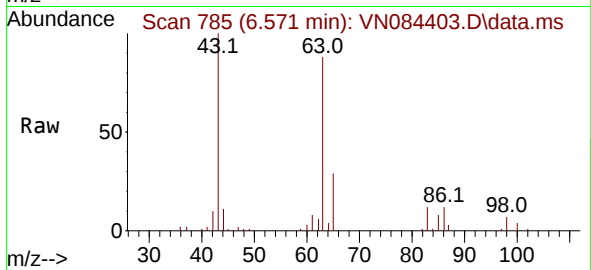
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 7776
Ion Ratio Lower Upper
63 100
98 7.7 4.5 13.4
100 4.5 2.1 6.3

Manual Integrations
APPROVED

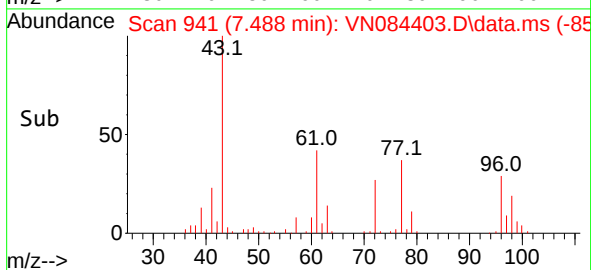
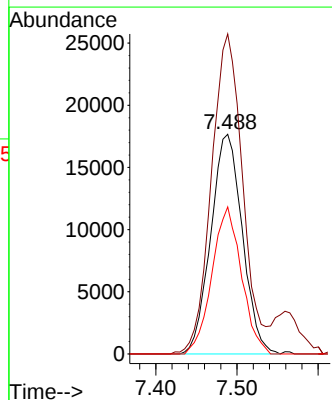
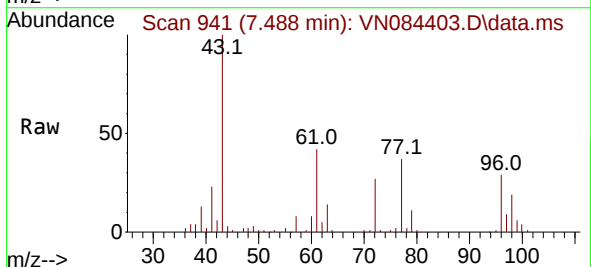
Reviewed By :John
Carlone
10/15/2024

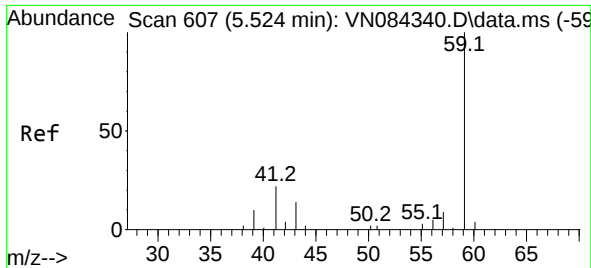
Supervised By :Mahesh
Dadoda
10/15/2024



#22
cis-1,2-Dichloroethene
Concen: 18.336 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

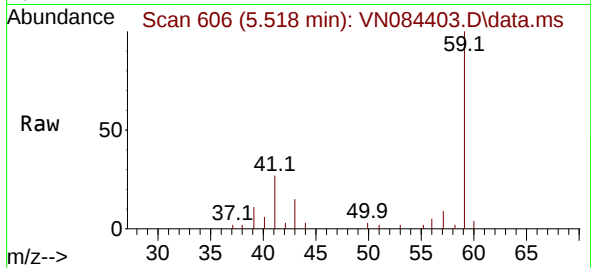
Tgt Ion: 96 Resp: 47745
Ion Ratio Lower Upper
96 100
61 143.8 118.0 177.0
98 62.6 51.8 77.8





#23
tert-Butyl Alcohol
Concen: 86.459 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

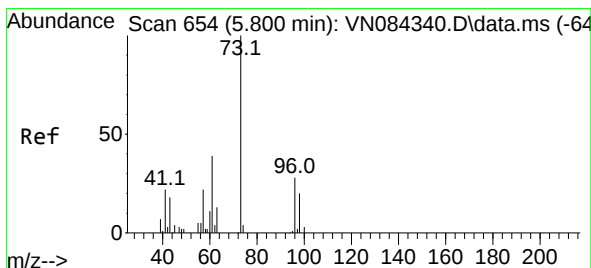
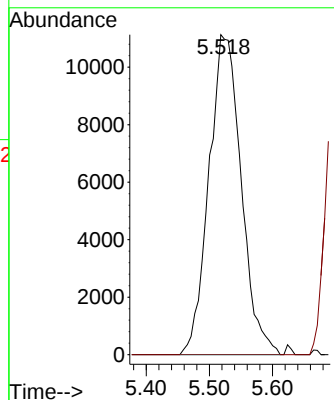


Tgt Ion: 59 Resp: 39438
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

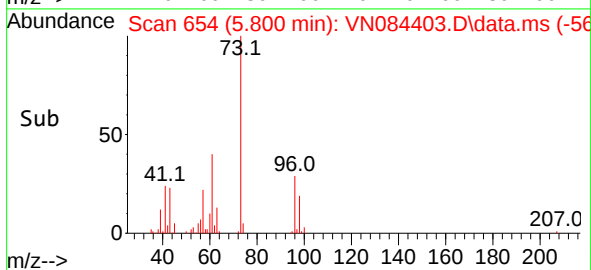
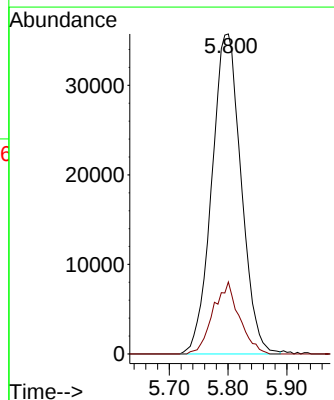
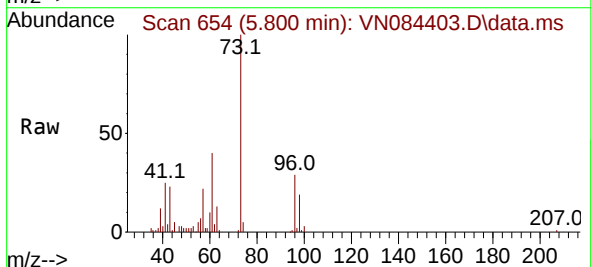
Reviewed By :John
Carlone
10/15/2024

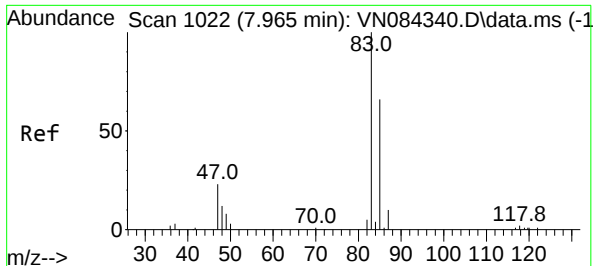
Supervised By :Mahesh
Dadoda
10/15/2024



#24
Methyl tert-Butyl Ether
Concen: 17.548 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Tgt Ion: 73 Resp: 123990
Ion Ratio Lower Upper
73 100
43 20.1 10.9 16.3#





#25
Chloroform
Concen: 19.419 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

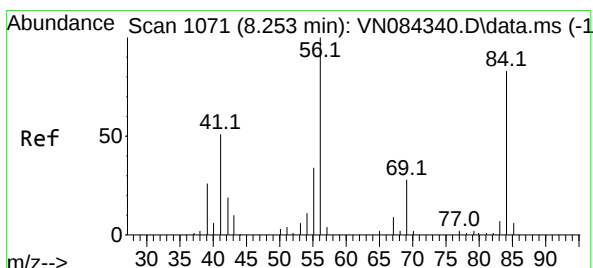
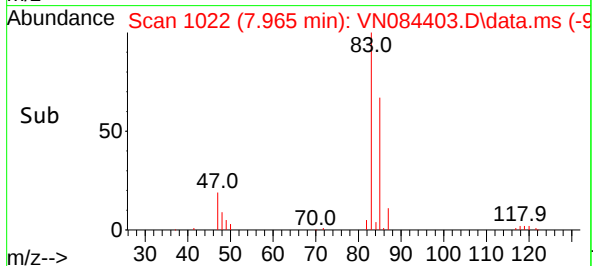
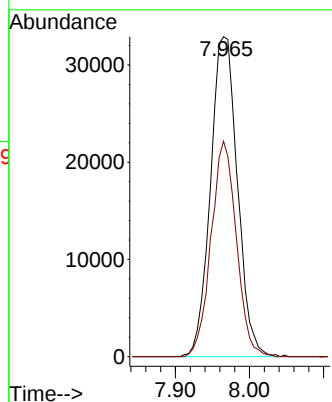
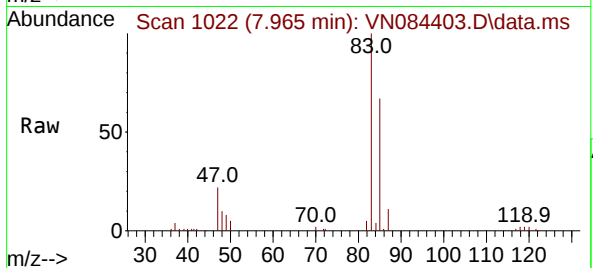
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 8316
Ion Ratio Lower Upper
83 100
85 67.4 52.4 78.6

Manual Integrations
APPROVED

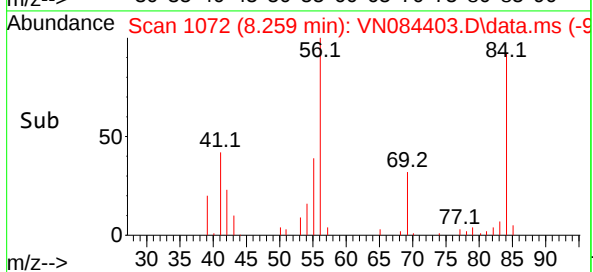
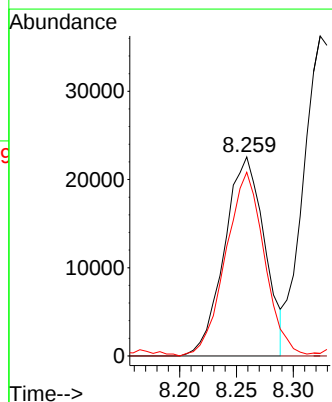
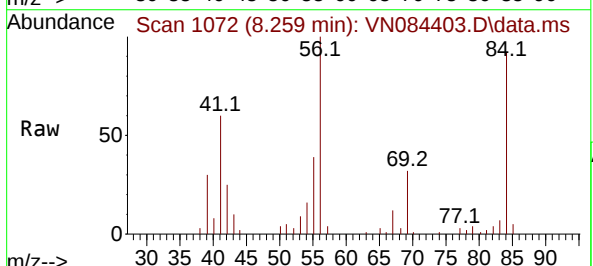
Reviewed By :John
Carlone
10/15/2024

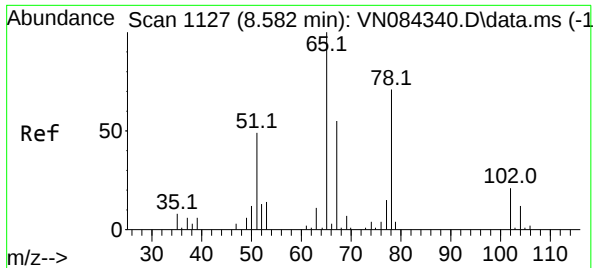
Supervised By :Mahesh
Dadoda
10/15/2024



#26
Cyclohexane
Concen: 15.638 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Tgt Ion: 56 Resp: 55305
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.3 67.0 100.6





#27
1,2-Dichloroethane-d4
Concen: 29.308 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDC020

Tgt Ion: 65 Resp: 80124
Ion Ratio Lower Upper
65 100
67 52.0 41.5 62.3

Manual Integrations

APPROVED

Reviewed By :John

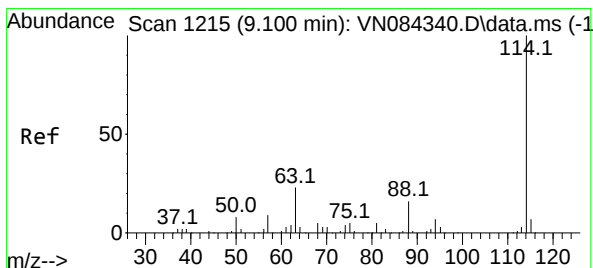
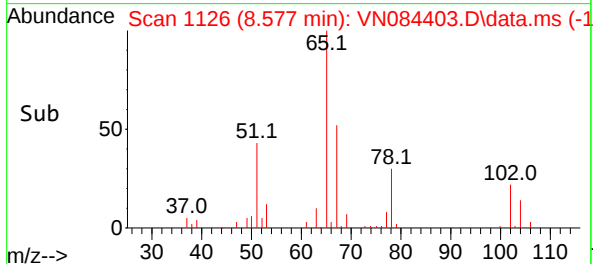
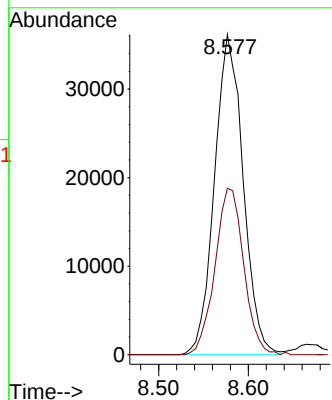
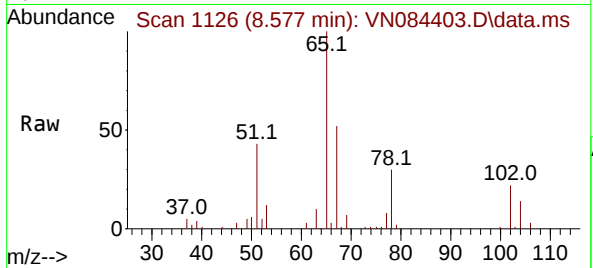
Carlone

10/15/2024

Supervised By :Mahesh

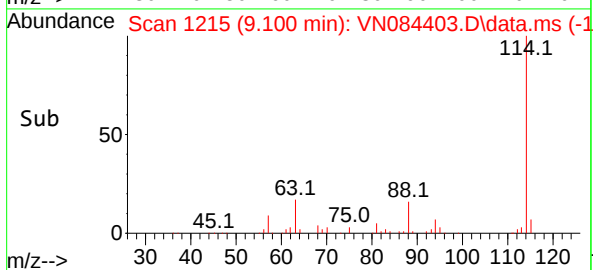
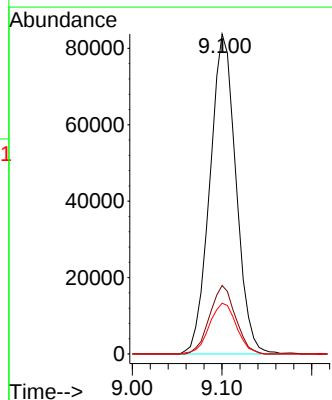
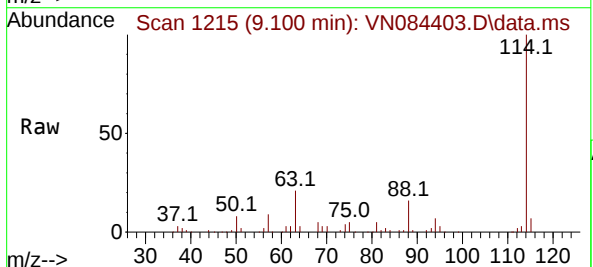
Dadoda

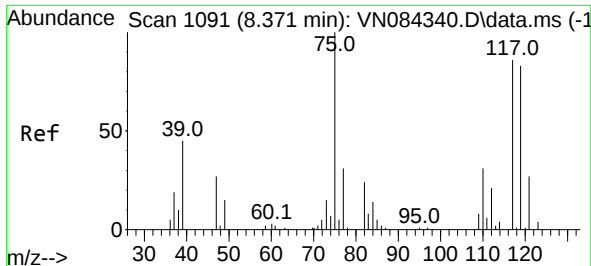
10/15/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Tgt Ion:114 Resp: 169162
Ion Ratio Lower Upper
114 100
63 21.1 17.4 26.0
88 16.5 13.2 19.8





#29
1,1-Dichloropropene
Concen: 19.451 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 5401
Ion Ratio Lower Upper
75 100
110 34.1 0.0 67.6
77 31.0 0.0 61.4

Manual Integrations
APPROVED

Reviewed By :John

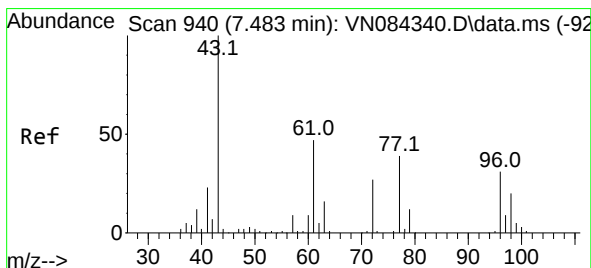
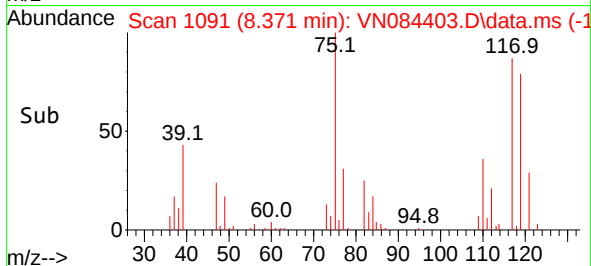
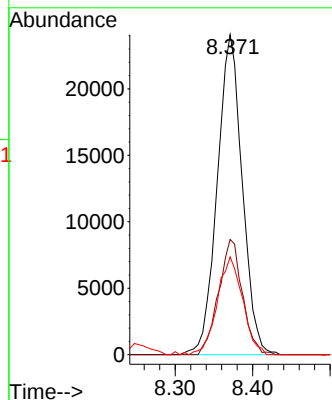
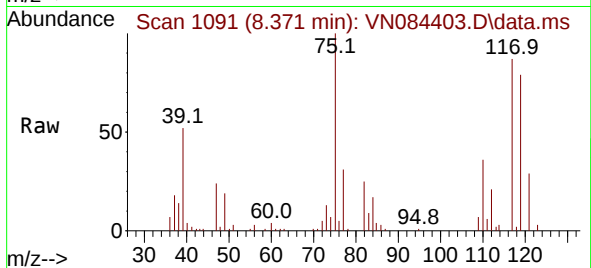
Carlone

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Supervised By :Mahesh

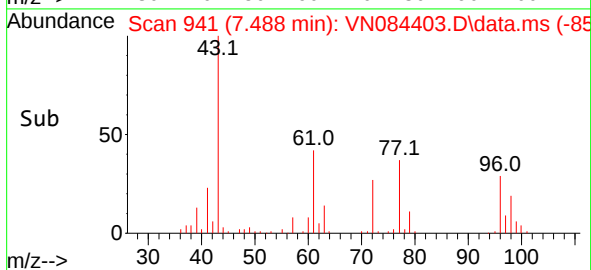
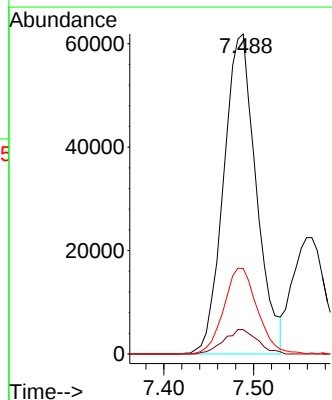
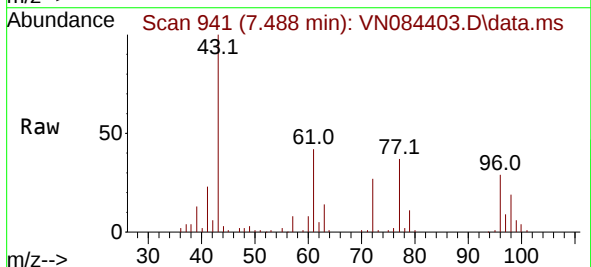
Dadoda

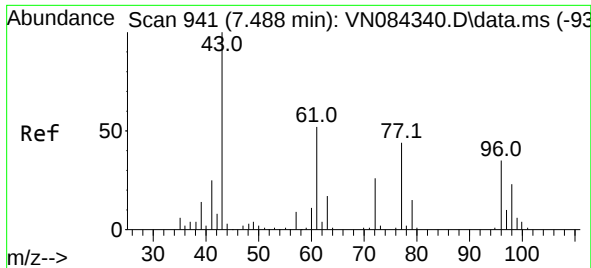
10/15/2024



#30
2-Butanone
Concen: 105.783 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Tgt Ion: 43 Resp: 156400
Ion Ratio Lower Upper
43 100
57 7.9 6.6 9.8
72 27.5 21.3 31.9





#31
2,2-Dichloropropane
Concen: 20.552 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

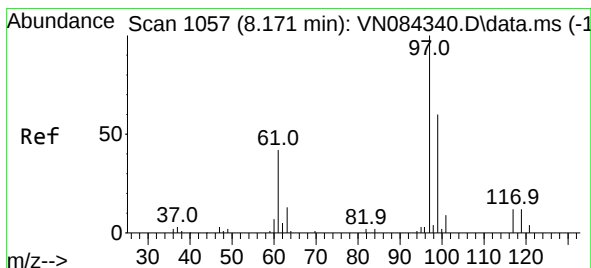
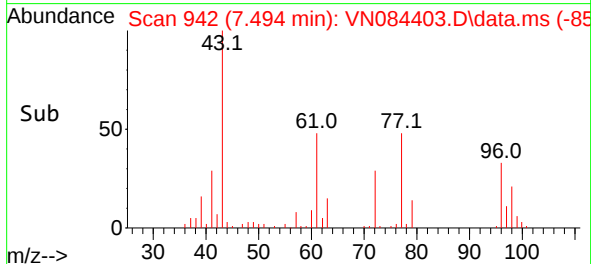
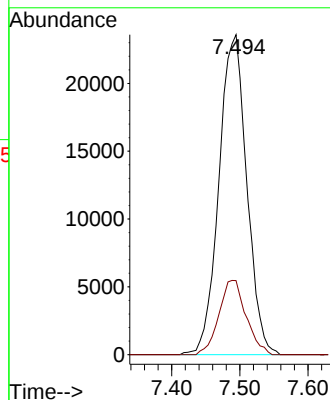
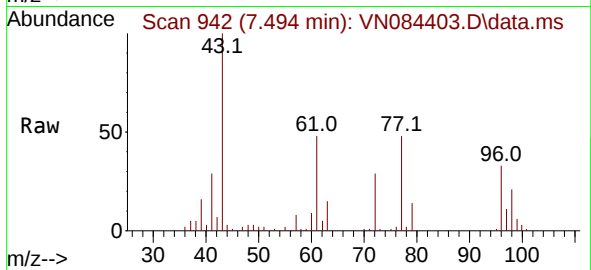
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 6706
Ion Ratio Lower Upper
77 100
97 22.7 11.5 17.3

Manual Integrations
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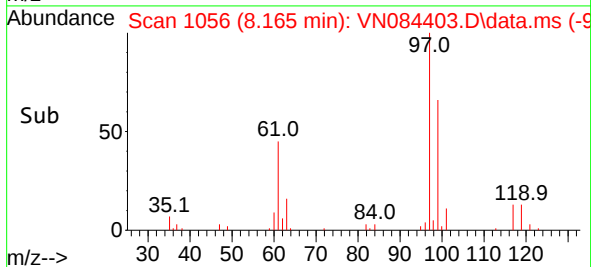
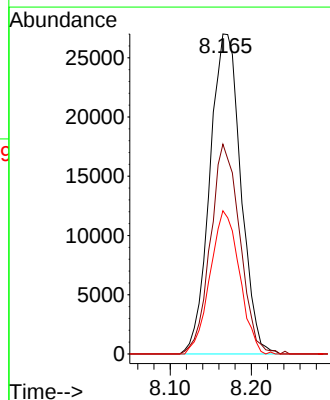
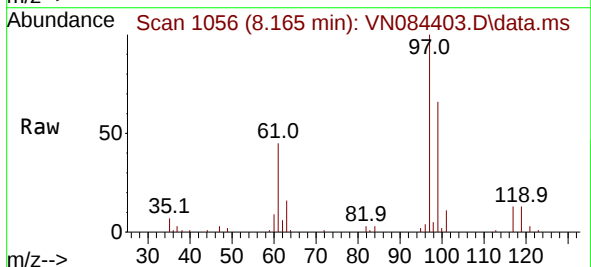
Reviewed By :John
Carlone
10/15/2024

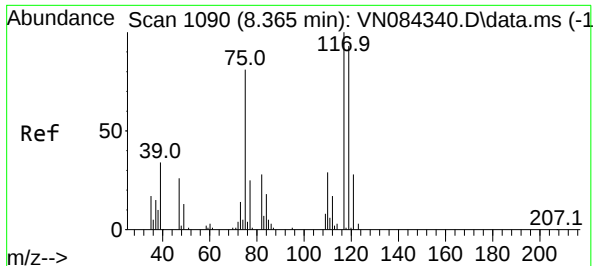
Supervised By :Mahesh
Dadoda
10/15/2024



#32
1,1,1-Trichloroethane
Concen: 20.146 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

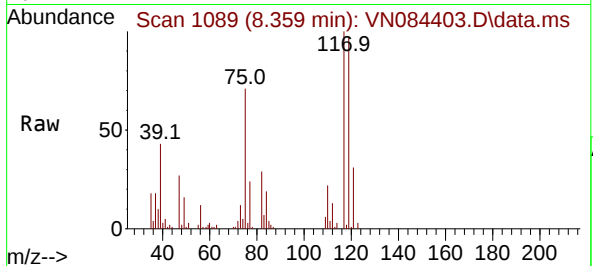
Tgt Ion: 97 Resp: 71508
Ion Ratio Lower Upper
97 100
99 62.1 51.2 76.8
61 42.5 34.1 51.1





#33
Carbon Tetrachloride
Concen: 20.132 ug/l
RT: 8.359 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

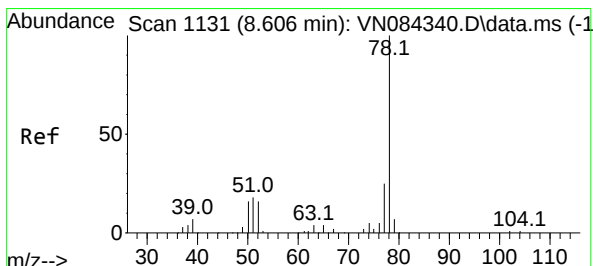
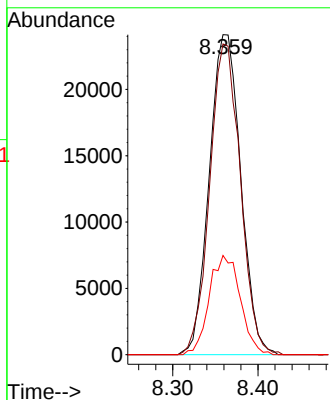
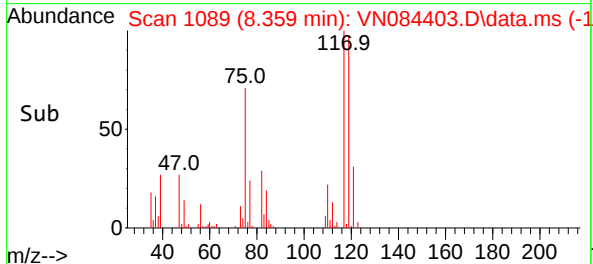


Tgt Ion: 117 Resp: 61908
Ion Ratio Lower Upper
117 100
119 97.1 74.3 111.5
121 31.0 22.4 33.6

Manual Integrations
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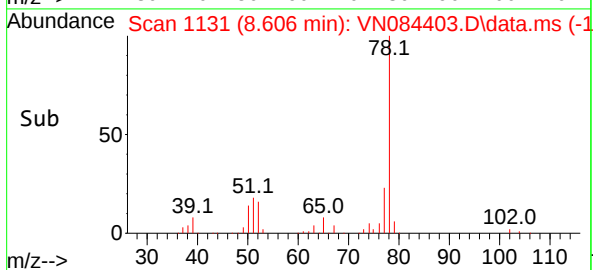
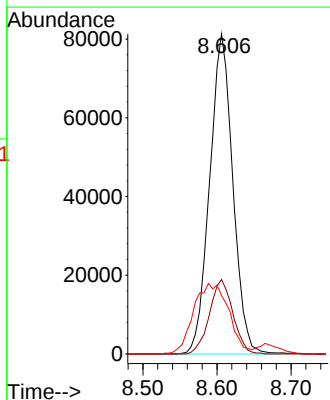
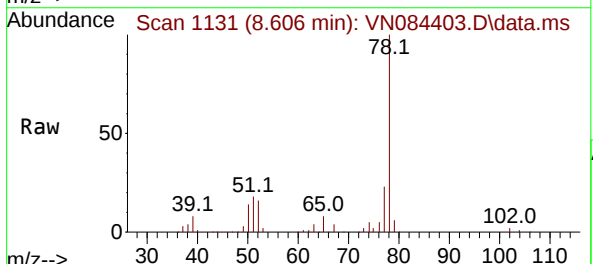
Reviewed By :John
Carlone
10/15/2024

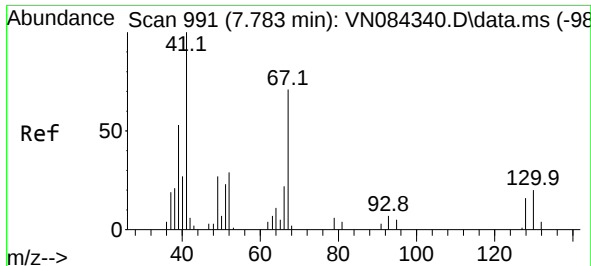
Supervised By :Mahesh
Dadoda
10/15/2024



#34
Benzene
Concen: 20.297 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

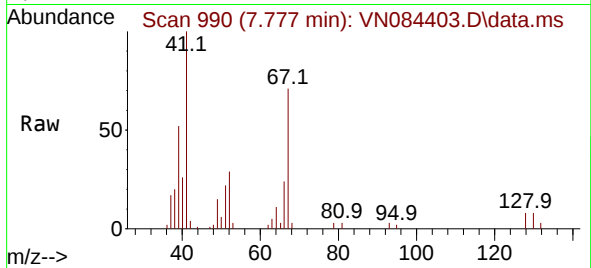
Tgt Ion: 78 Resp: 176431
Ion Ratio Lower Upper
78 100
77 23.3 19.6 29.4
51 16.5 15.8 23.6





#35
Methacrylonitrile
Concen: 19.906 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

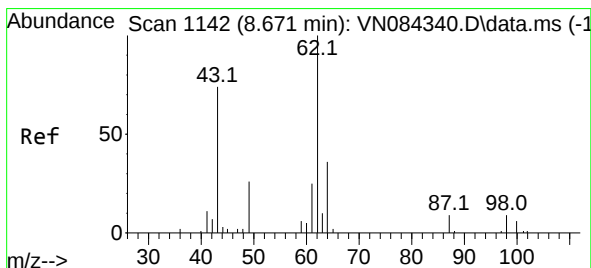
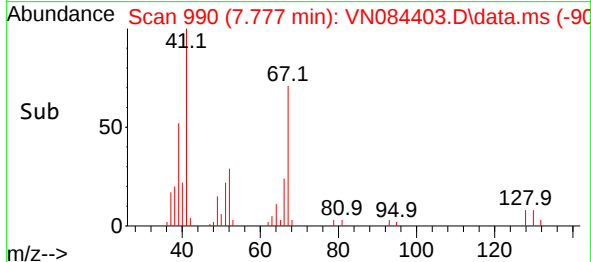
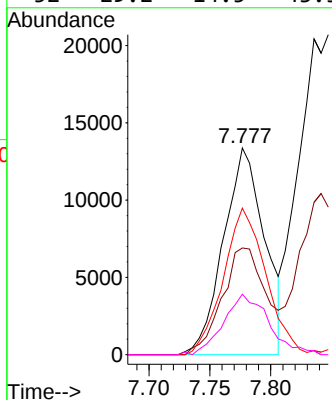


Tgt Ion: 41 Resp: 3139
Ion Ratio Lower Upper
41 100
39 51.6 26.4 79.0
67 70.9 35.7 107.1
52 29.2 14.5 43.5

Manual Integrations
APPROVED

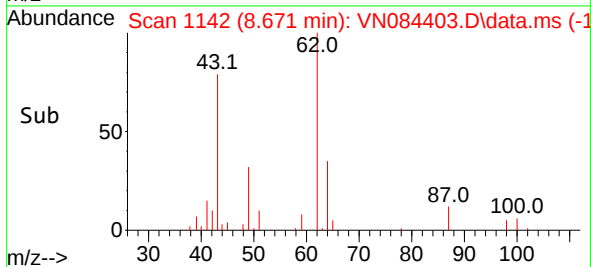
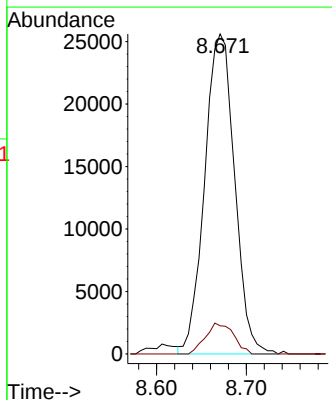
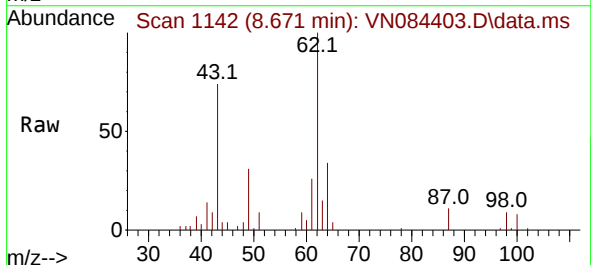
Reviewed By :John
Carlone
10/15/2024

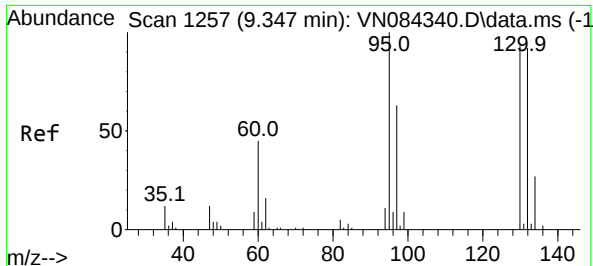
Supervised By :Mahesh
Dadoda
10/15/2024



#36
1,2-Dichloroethane
Concen: 20.457 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

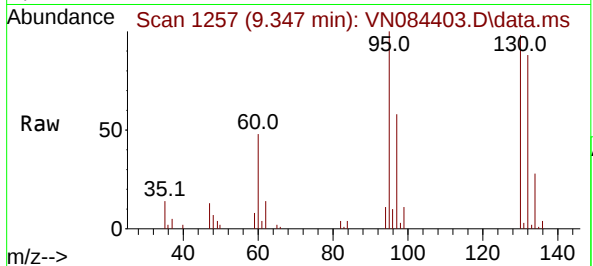
Tgt Ion: 62 Resp: 59274
Ion Ratio Lower Upper
62 100
98 9.0 7.3 10.9





#37
Trichloroethene
Concen: 19.661 ug/l
RT: 9.347 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

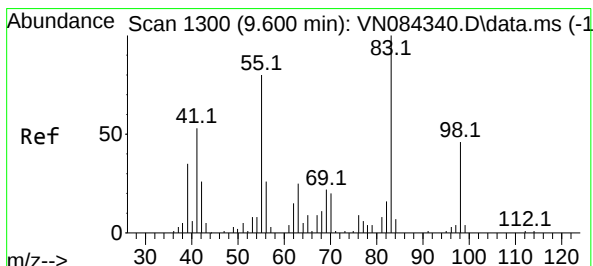
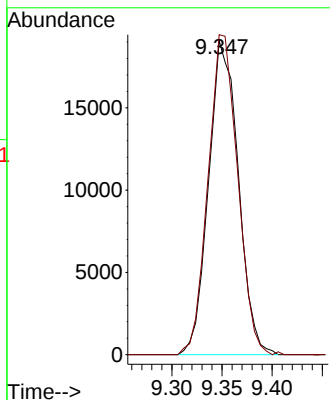


Tgt Ion:130 Resp: 39354
Ion Ratio Lower Upper
130 100
95 101.9 85.8 128.6

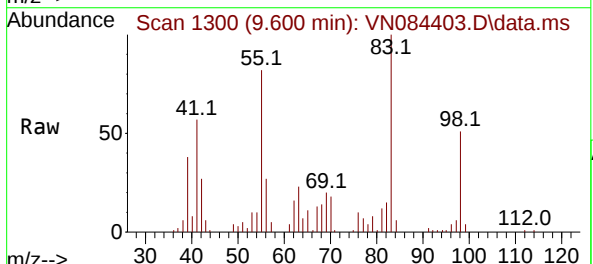
Manual Integrations
APPROVED

Reviewed By :John
Carlone
10/15/2024

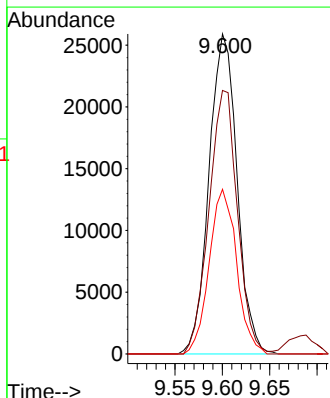
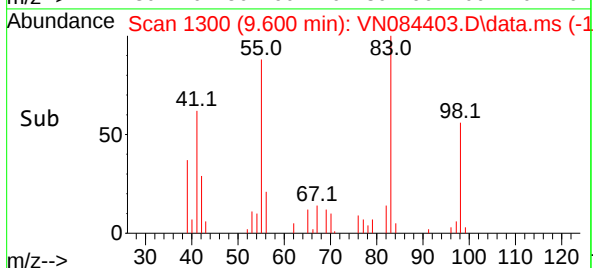
Supervised By :Mahesh
Dadoda
10/15/2024

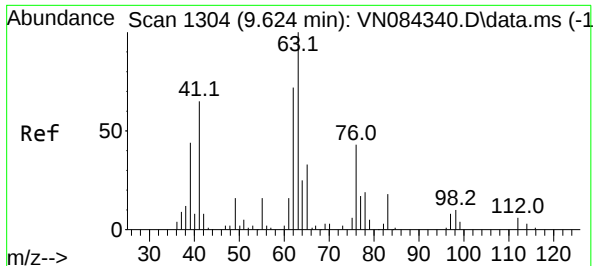


#38
Methylcyclohexane
Concen: 17.501 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13



Tgt Ion: 83 Resp: 53384
Ion Ratio Lower Upper
83 100
55 83.6 39.3 117.8
98 50.3 24.0 72.0





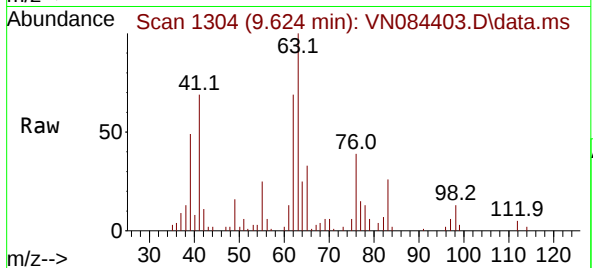
#39
1,2-Dichloropropane
Concen: 20.326 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 63 Resp: 43080
Ion Ratio Lower Upper
63 100
65 33.1 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John

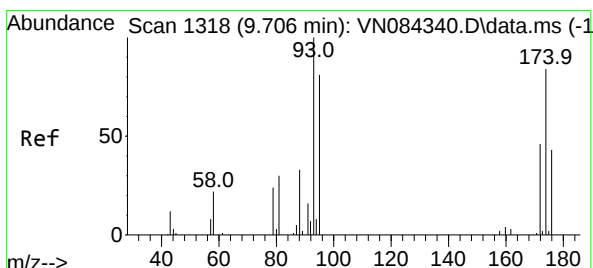
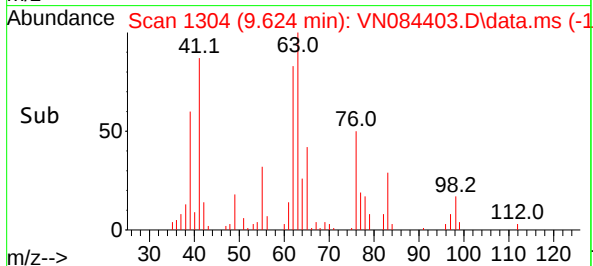
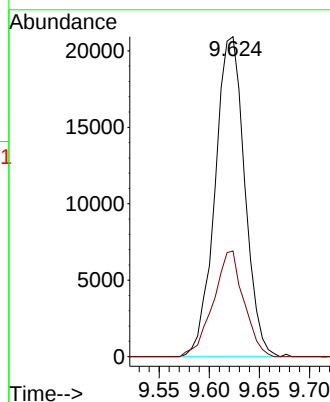
Carlone

10/15/2024

Supervised By :Mahesh

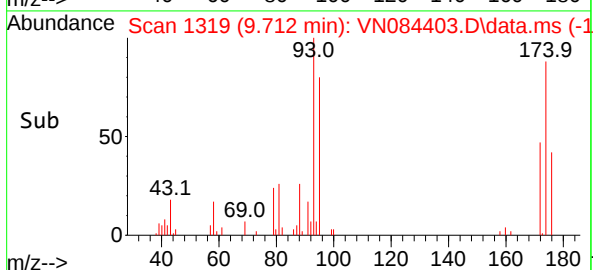
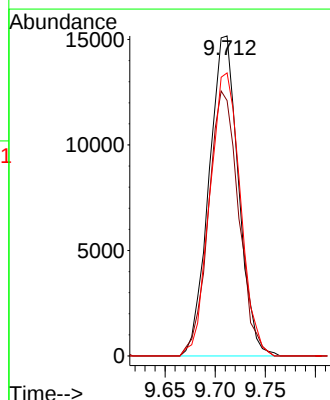
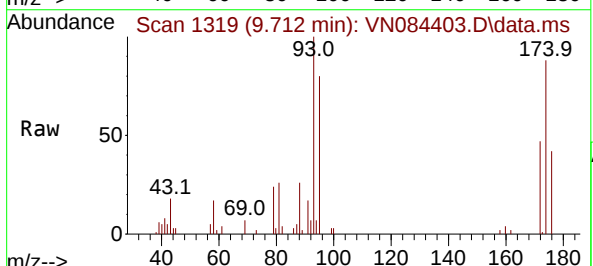
Dadoda

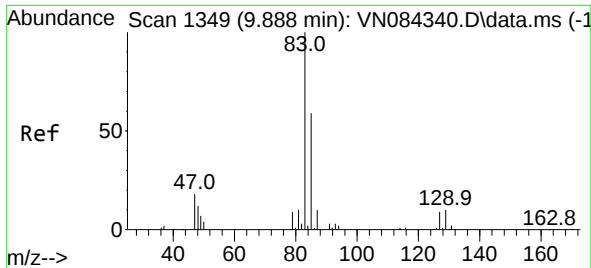
10/15/2024



#40
Dibromomethane
Concen: 20.941 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Tgt Ion: 93 Resp: 31024
Ion Ratio Lower Upper
93 100
95 84.8 0.0 171.4
174 91.7 0.0 183.0





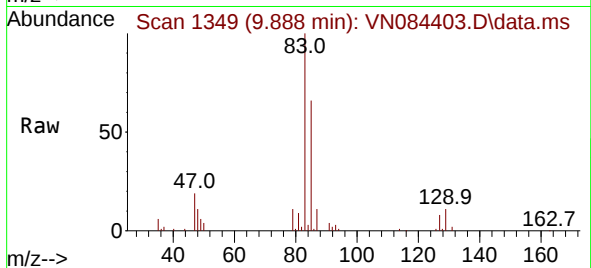
#41
Bromodichloromethane
Concen: 20.769 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 83 Resp: 65320
Ion Ratio Lower Upper
83 100
85 65.7 47.1 70.7
127 8.0 7.1 10.7

Manual Integrations
APPROVED

Reviewed By :John

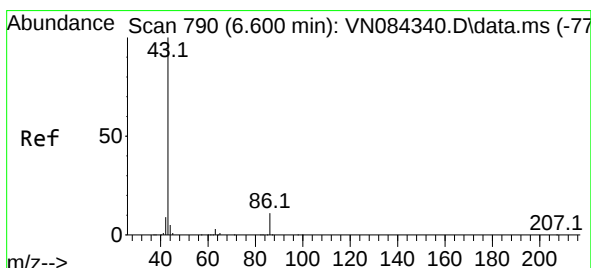
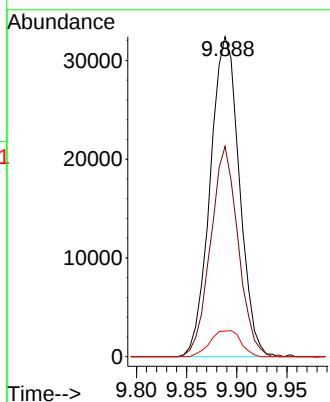
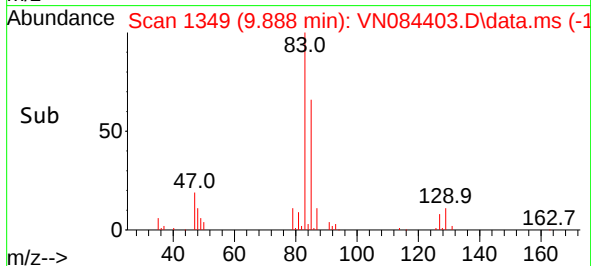
Carlone

10/15/2024

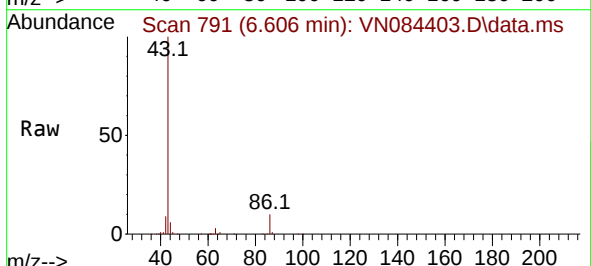
Supervised By :Mahesh

Dadoda

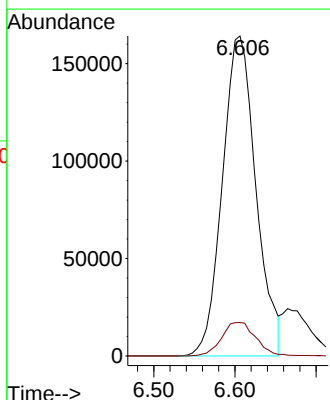
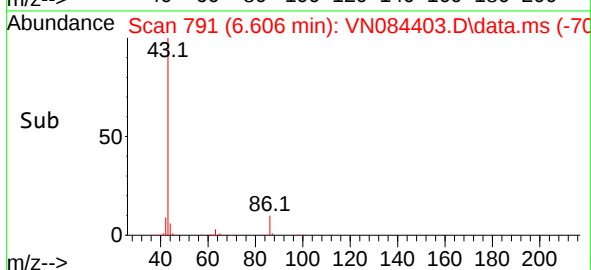
10/15/2024

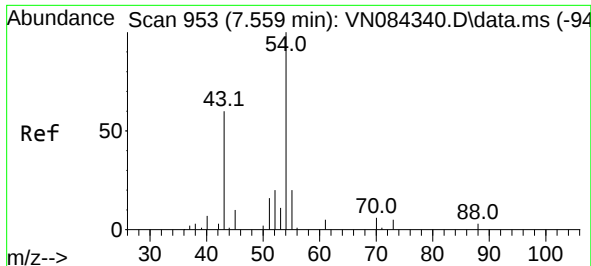


#42
Vinyl Acetate
Concen: 91.872 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13



Tgt Ion: 43 Resp: 472409
Ion Ratio Lower Upper
43 100
86 10.7 8.5 12.7





#43
Ethyl Acetate
Concen: 20.442 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

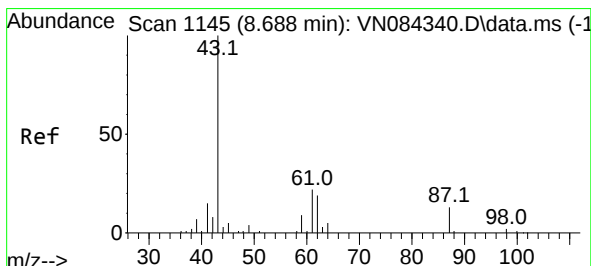
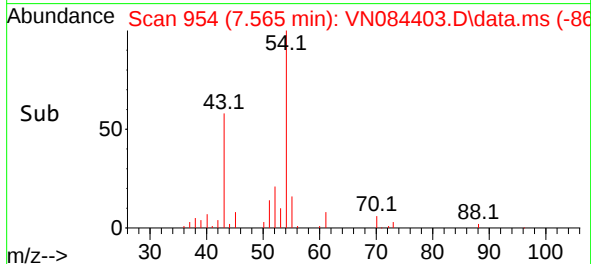
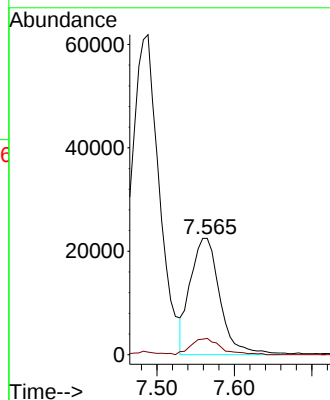
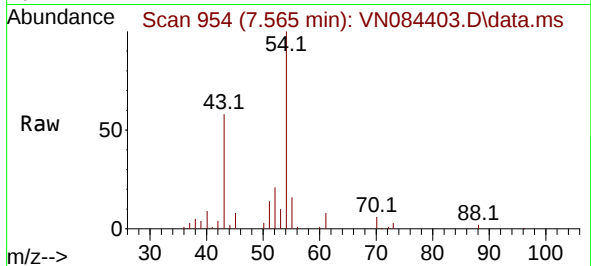
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 59600
Ion Ratio Lower Upper
43 100
45 14.0 10.6 16.0

Manual Integrations
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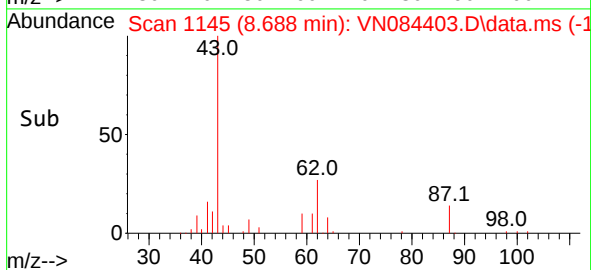
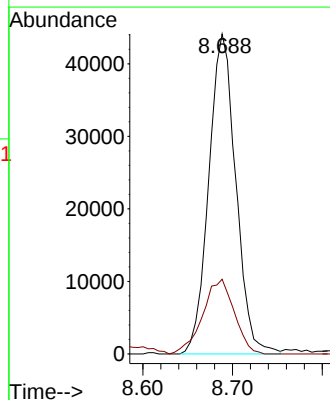
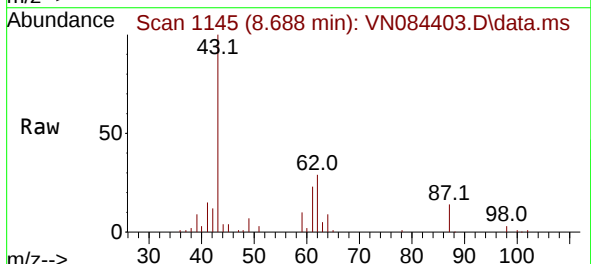
Reviewed By :John
Carlone
10/15/2024

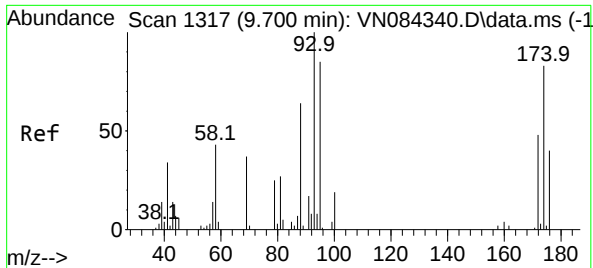
Supervised By :Mahesh
Dadoda
10/15/2024



#44
Isopropyl Acetate
Concen: 19.365 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Tgt Ion: 43 Resp: 92419
Ion Ratio Lower Upper
43 100
61 27.2 21.4 32.2





#45

1,4-Dioxane

Concen: 419.986 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN084403.D

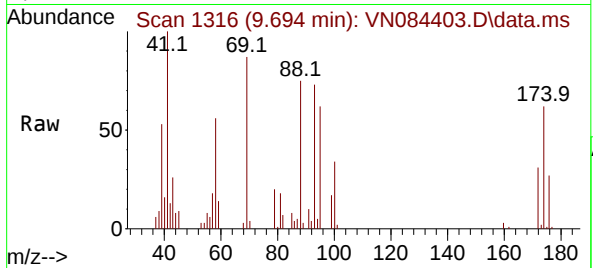
Acq: 14 Oct 2024 09:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 88 Resp: 18069

Ion	Ratio	Lower	Upper
88	100		
43	30.0	22.4	33.6
58	71.9	59.7	89.5

Manual Integrations
APPROVED

Reviewed By :John

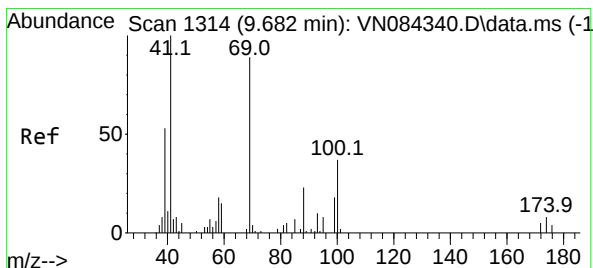
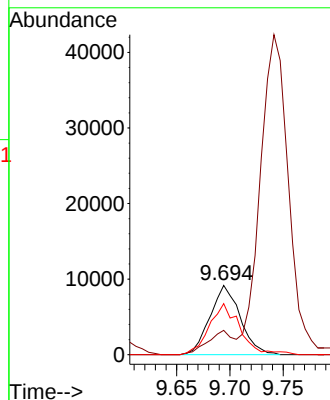
Carlone

10/15/2024

Supervised By :Mahesh

Dadoda

10/15/2024



#46

Methyl methacrylate

Concen: 18.160 ug/l

RT: 9.682 min Scan# 1314

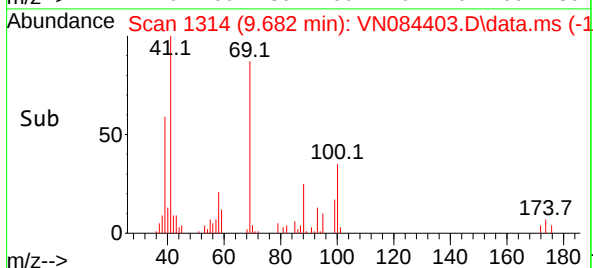
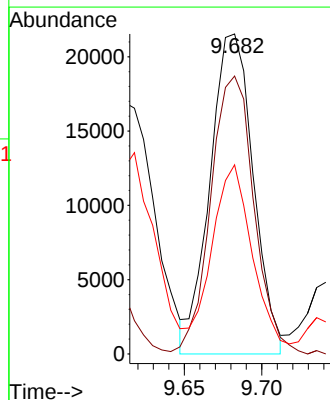
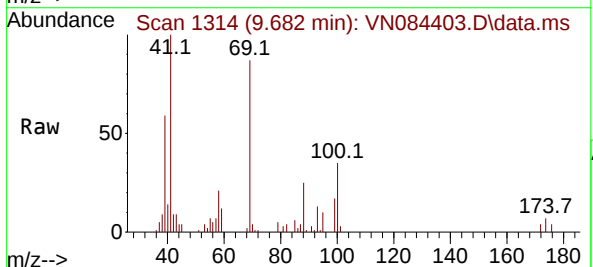
Delta R.T. 0.000 min

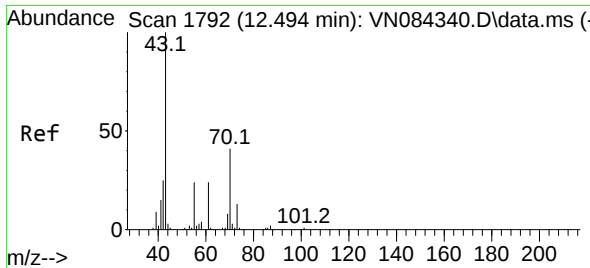
Lab File: VN084403.D

Acq: 14 Oct 2024 09:13

Tgt Ion: 41 Resp: 41876

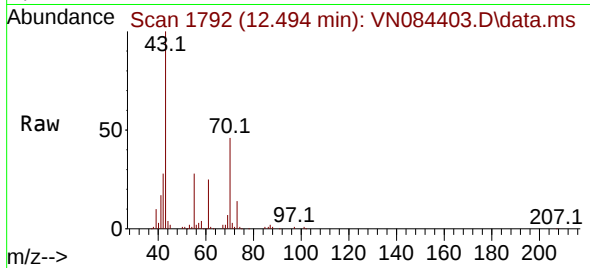
Ion	Ratio	Lower	Upper
41	100		
69	89.9	42.6	128.0
39	58.2	27.5	82.4





#47
n-amy1 Acetate
Concen: 18.142 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

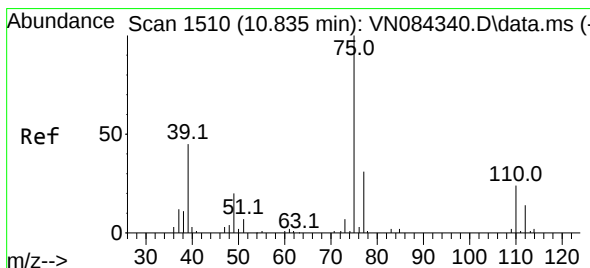
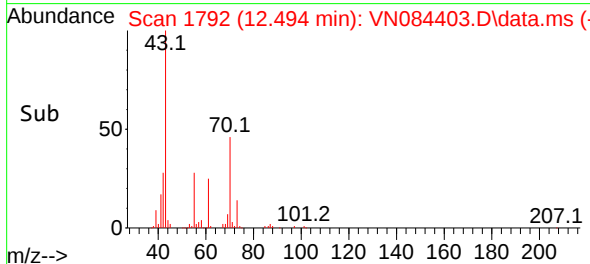
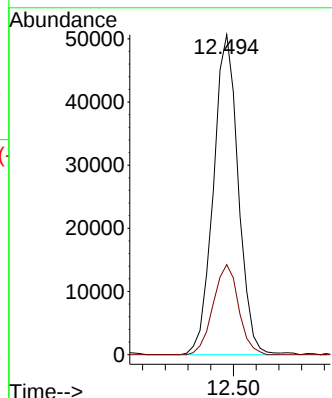


Tgt Ion: 43 Resp: 7701
Ion Ratio Lower Upper
43 100
55 28.7 20.6 31.0

Manual Integrations
APPROVED

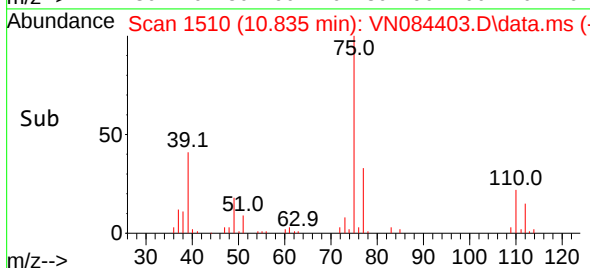
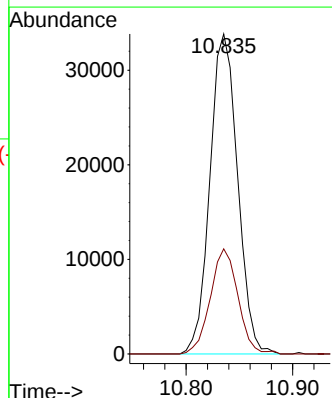
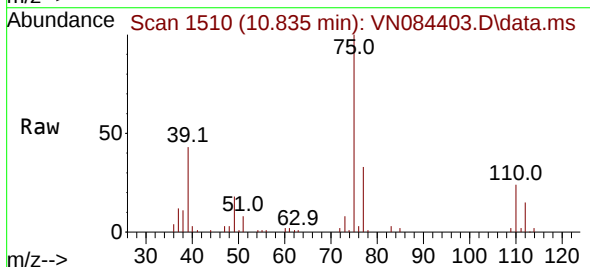
Reviewed By :John
Carlone
10/15/2024

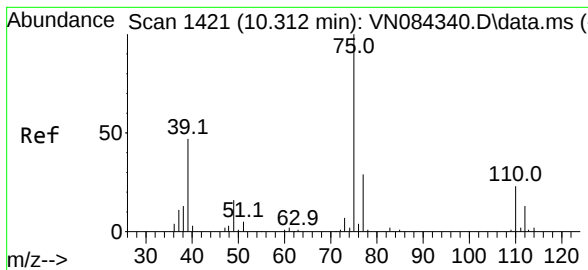
Supervised By :Mahesh
Dadoda
10/15/2024



#48
t-1,3-Dichloropropene
Concen: 18.782 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Tgt Ion: 75 Resp: 61042
Ion Ratio Lower Upper
75 100
77 32.8 24.6 37.0





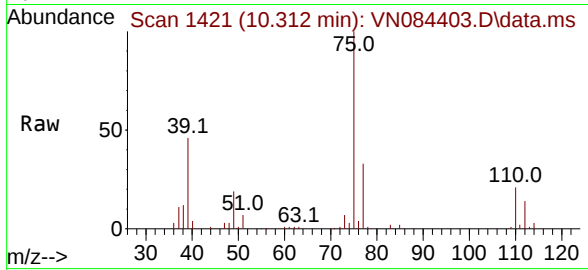
#49
 cis-1,3-Dichloropropene
 Concen: 19.847 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN084403.D
 Acq: 14 Oct 2024 09:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 75 Resp: 67600
 Ion Ratio Lower Upper
 75 100
 77 32.5 22.9 34.3
 39 45.7 37.4 56.2

Manual Integrations
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Reviewed By :John

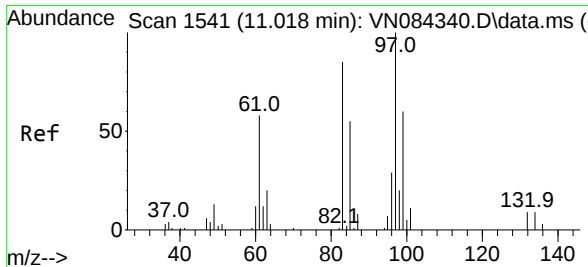
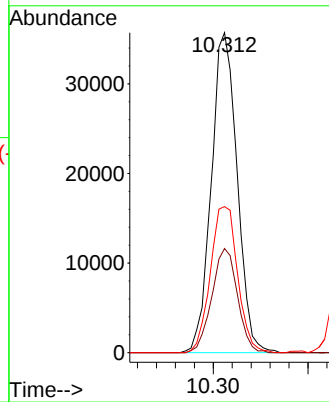
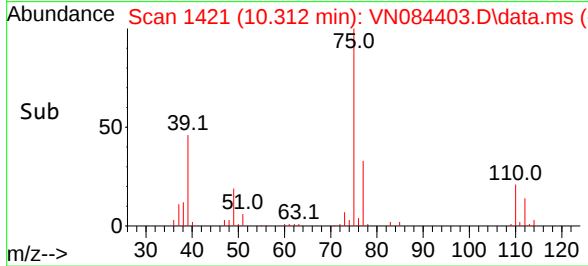
Carlone

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Supervised By :Mahesh

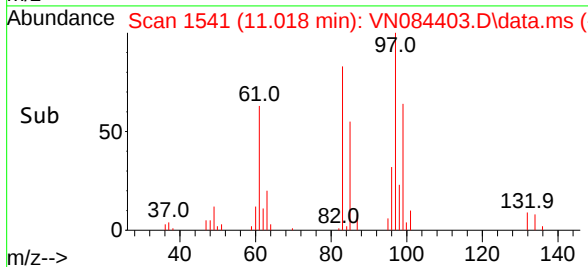
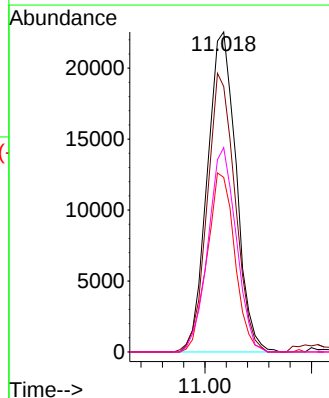
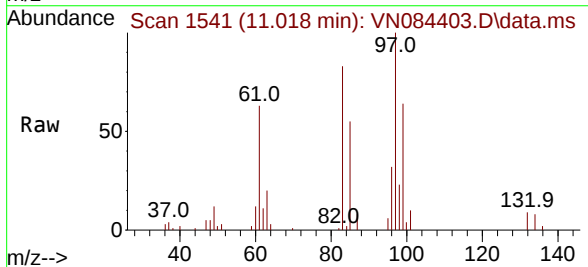
Dadoda

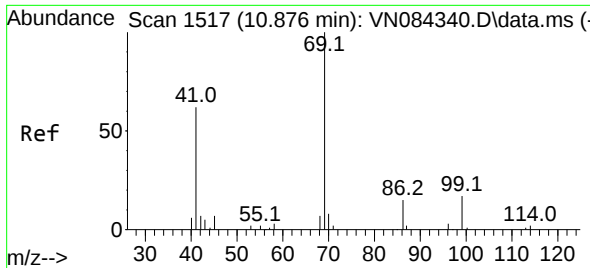
10/15/2024



#50
 1,1,2-Trichloroethane
 Concen: 21.282 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN084403.D
 Acq: 14 Oct 2024 09:13

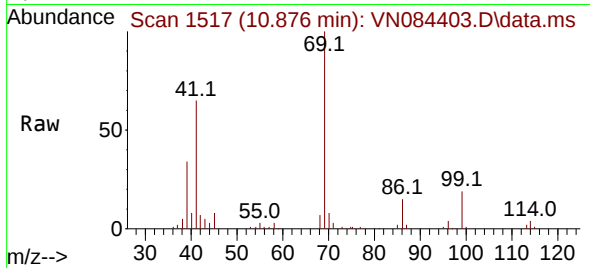
Tgt Ion: 97 Resp: 42379
 Ion Ratio Lower Upper
 97 100
 83 83.0 67.8 101.8
 85 54.5 44.2 66.2
 99 63.8 47.8 71.8





#51
Ethyl methacrylate
Concen: 18.498 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

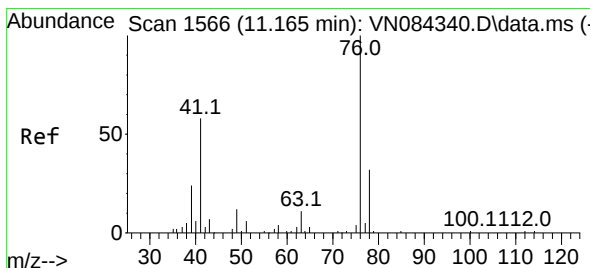
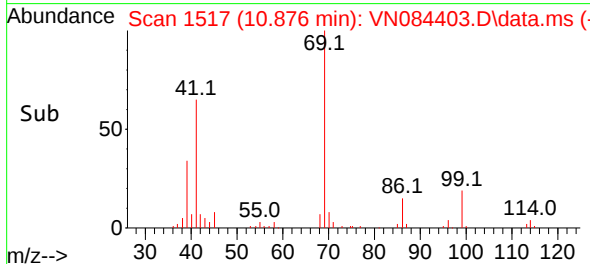
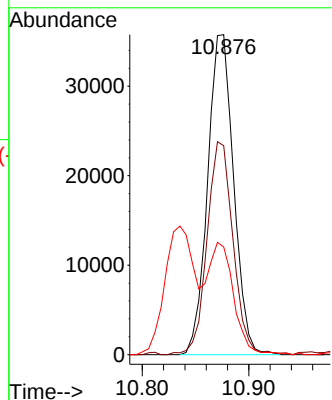


Tgt Ion: 69 Resp: 60844
Ion Ratio Lower Upper
69 100
41 64.8 30.9 92.7
39 33.2 16.6 49.7

Manual Integrations
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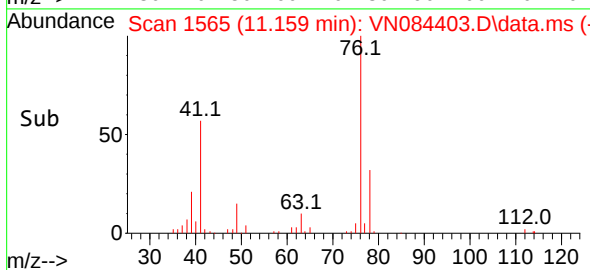
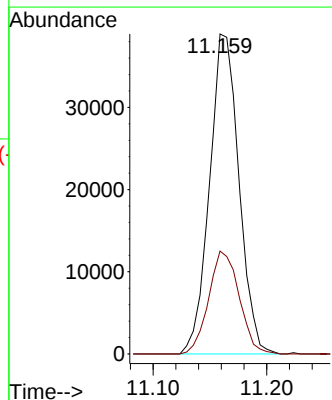
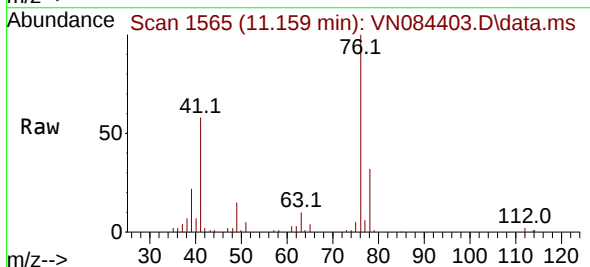
Reviewed By :John
Carlone
10/15/2024

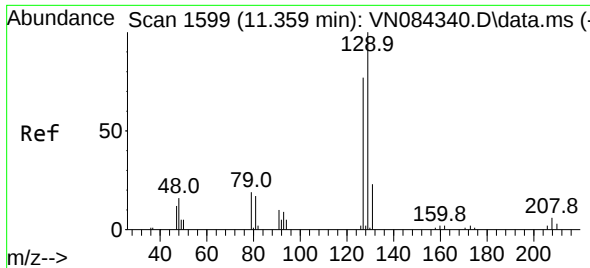
Supervised By :Mahesh
Dadoda
10/15/2024



#52
1,3-Dichloropropane
Concen: 20.112 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

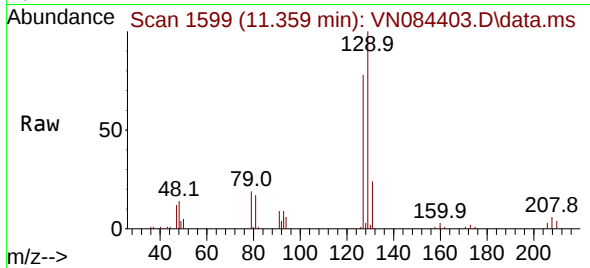
Tgt Ion: 76 Resp: 70026
Ion Ratio Lower Upper
76 100
78 33.3 0.0 64.2





#53
Dibromochloromethane
Concen: 20.516 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

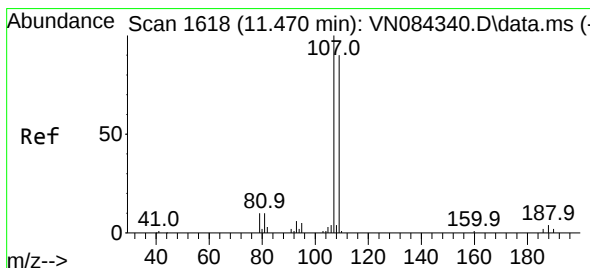
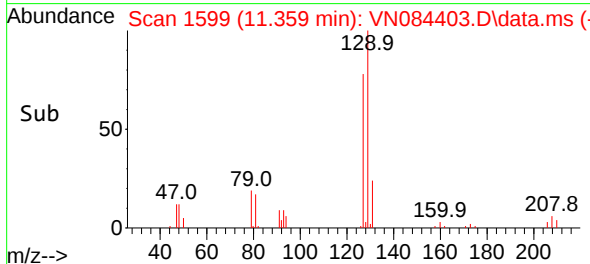
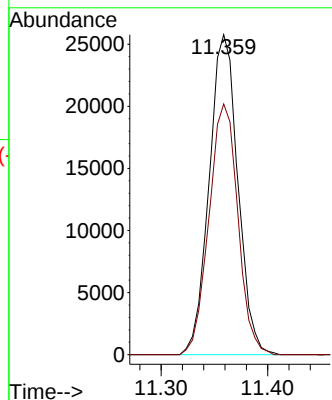


Tgt Ion:129 Resp: 4826
Ion Ratio Lower Upper
129 100
127 78.8 38.5 115.5

Manual Integrations
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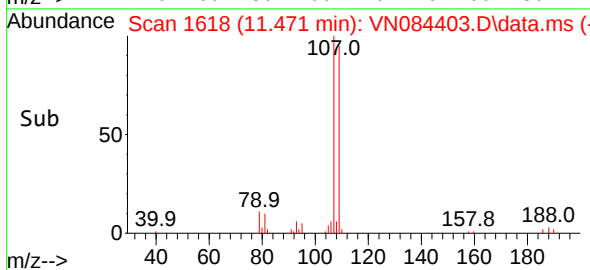
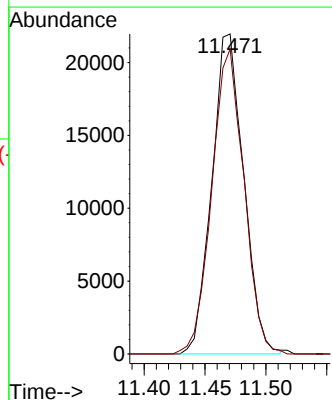
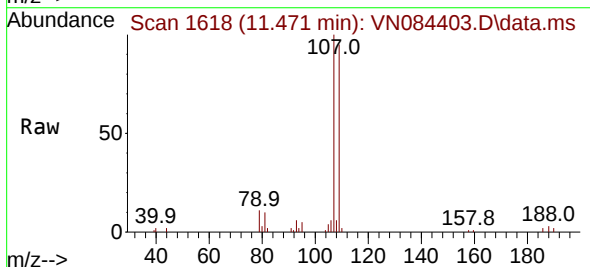
Reviewed By :John
Carlone
10/15/2024

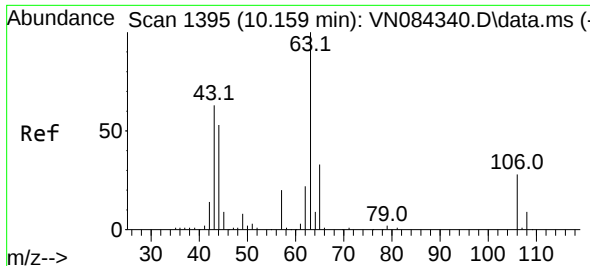
Supervised By :Mahesh
Dadoda
10/15/2024



#54
1,2-Dibromoethane
Concen: 19.457 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

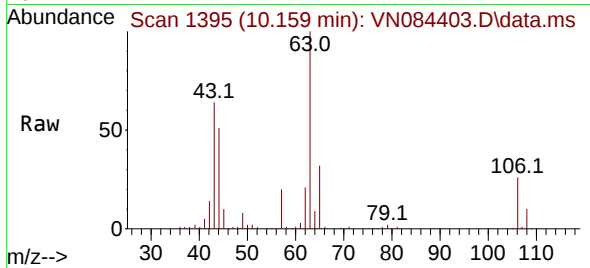
Tgt Ion:107 Resp: 39883
Ion Ratio Lower Upper
107 100
109 96.0 73.8 110.6





#55
2-Chloroethyl vinyl ether
Concen: 113.584 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

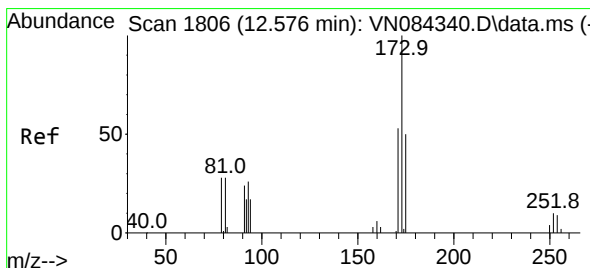
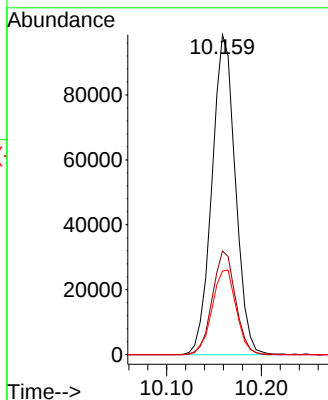
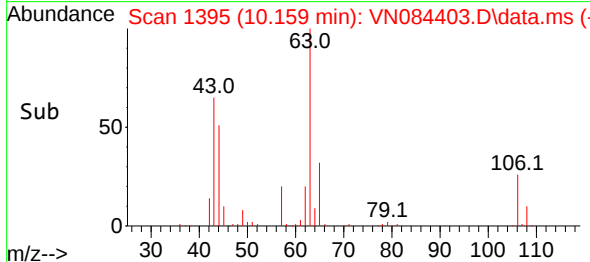


Tgt Ion: 63 Resp: 169440
Ion Ratio Lower Upper
63 100
65 32.0 25.6 38.4
106 27.4 21.6 32.4

Manual Integrations
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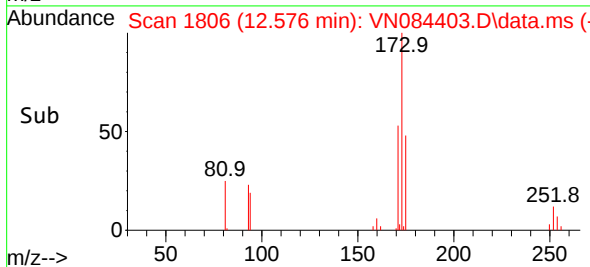
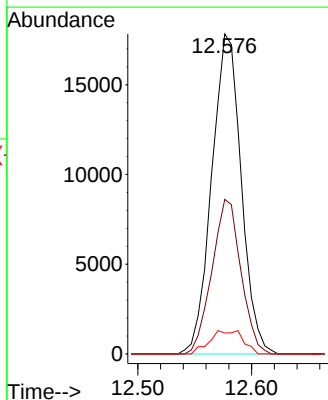
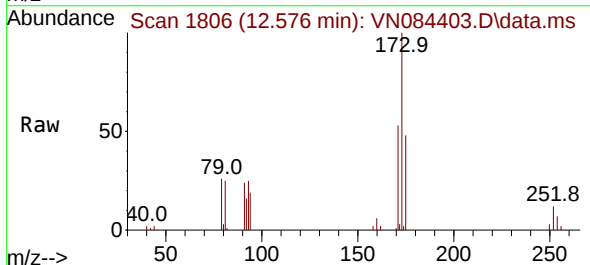
Reviewed By :John
Carlone
10/15/2024

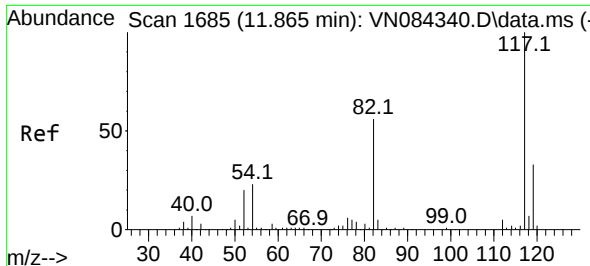
Supervised By :Mahesh
Dadoda
10/15/2024



#56
Bromoform
Concen: 20.608 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

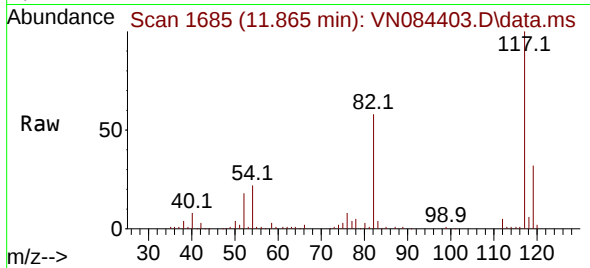
Tgt Ion:173 Resp: 32152
Ion Ratio Lower Upper
173 100
175 47.4 39.4 59.2
254 4.4 6.8 10.2#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

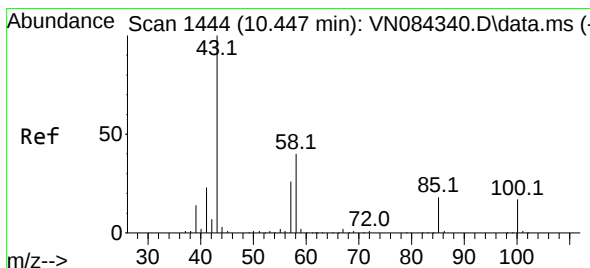
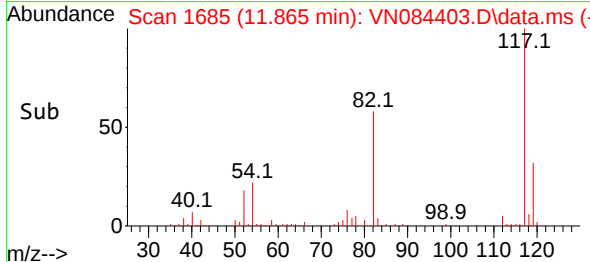
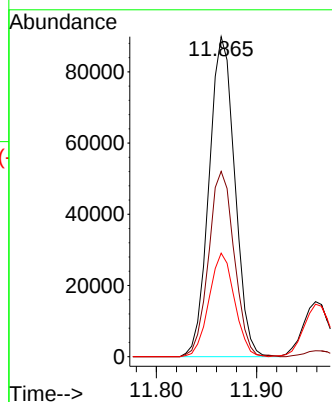


Tgt Ion:117 Resp: 16053
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 32.0 25.4 38.2

Manual Integrations
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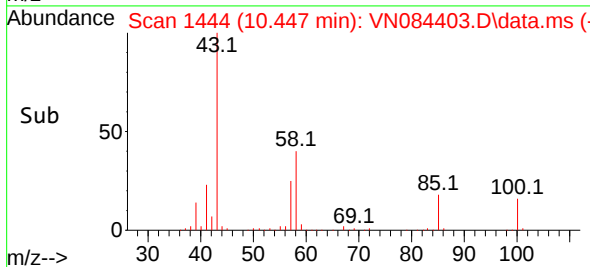
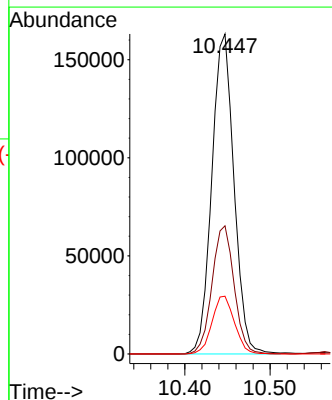
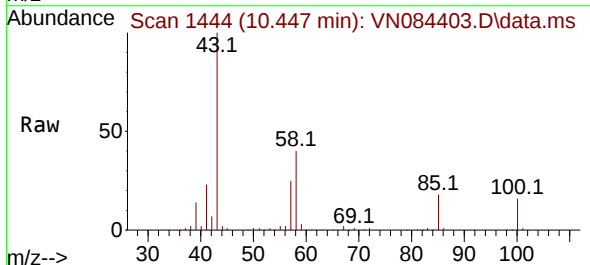
Reviewed By :John
Carlone
10/15/2024

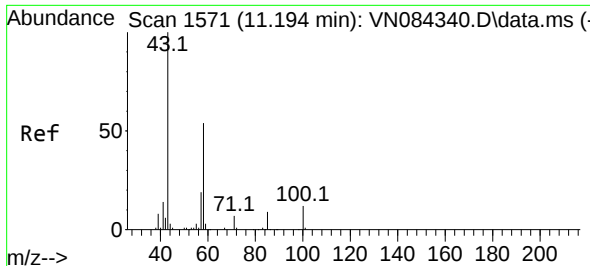
Supervised By :Mahesh
Dadoda
10/15/2024



#58
4-Methyl-2-Pentanone
Concen: 98.693 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

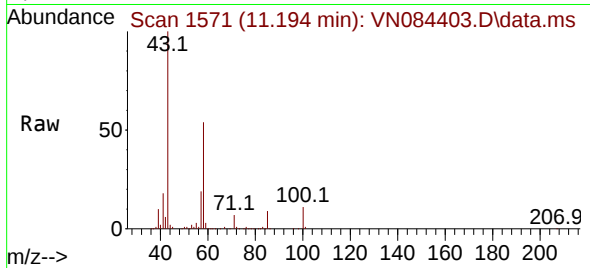
Tgt Ion: 43 Resp: 295135
Ion Ratio Lower Upper
43 100
58 39.9 31.9 47.9
85 18.3 14.6 22.0





#59
2-Hexanone
Concen: 102.202 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

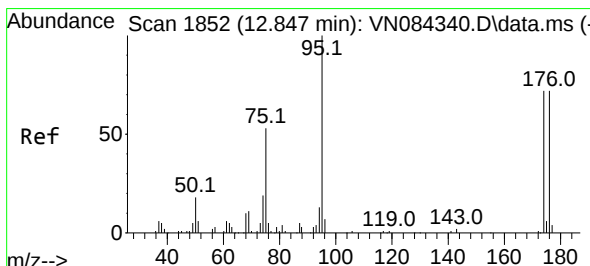
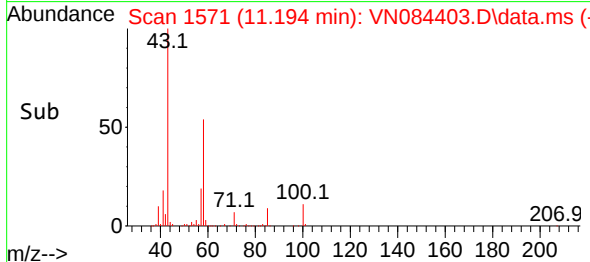
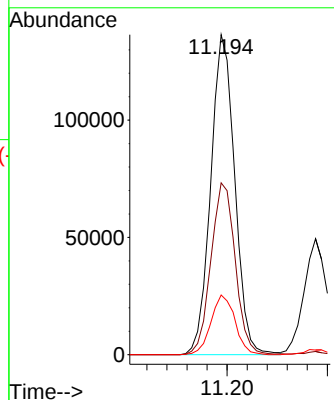


Tgt Ion: 43 Resp: 22710
Ion Ratio Lower Upper
43 100
58 54.5 44.0 66.0
57 18.7 15.4 23.2

Manual Integrations
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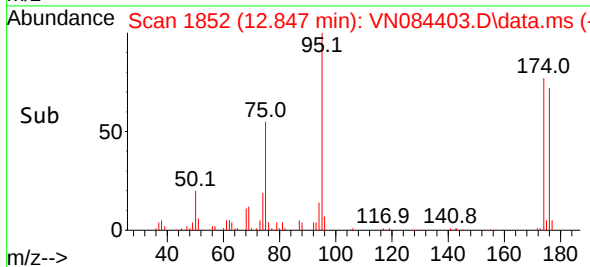
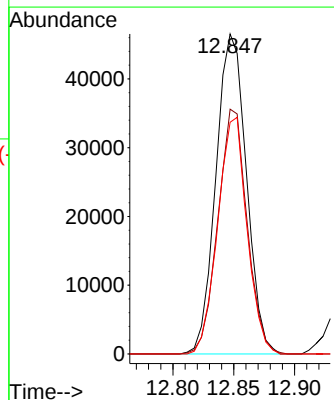
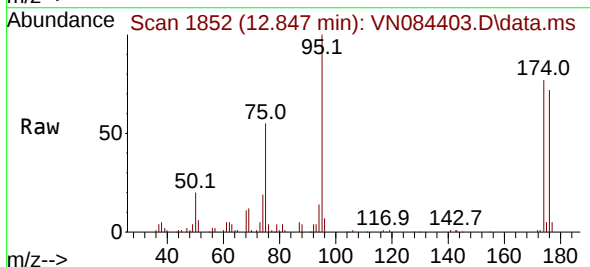
Reviewed By :John
Carlone
10/15/2024

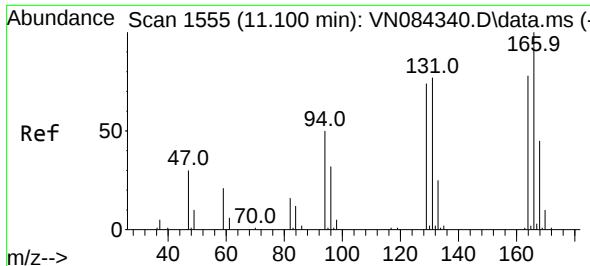
Supervised By :Mahesh
Dadoda
10/15/2024



#60
4-Bromofluorobenzene
Concen: 30.562 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Tgt Ion: 95 Resp: 80971
Ion Ratio Lower Upper
95 100
174 73.6 58.2 87.2
176 71.0 56.4 84.6





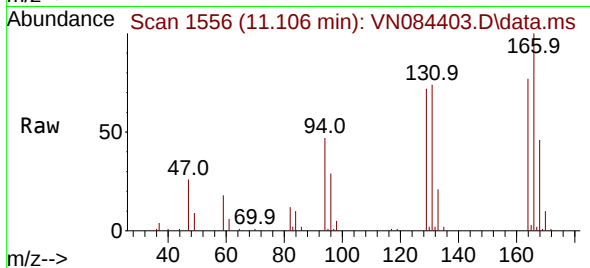
#61
Tetrachloroethene
Concen: 19.762 ug/l
RT: 11.106 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion:164 Resp: 3588
Ion Ratio Lower Upper
164 100
166 128.4 102.5 153.7
129 92.7 75.7 113.5
131 96.3 78.2 117.4

Manual Integrations
APPROVED

Reviewed By :John

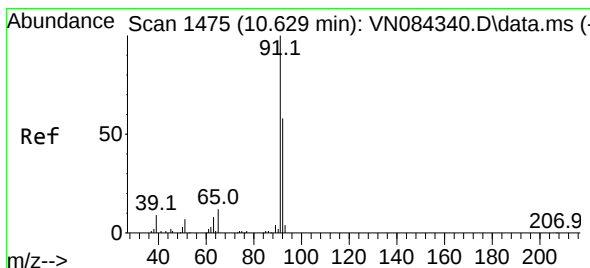
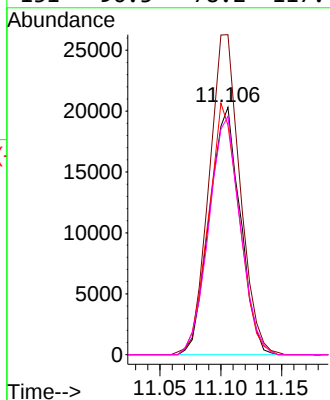
Carlone

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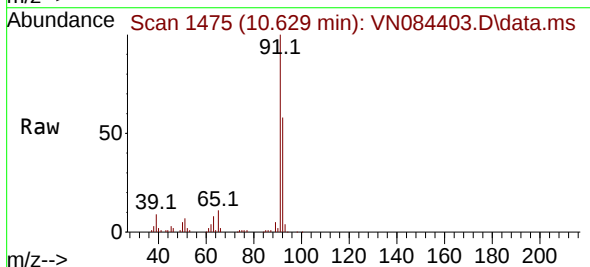
Supervised By :Mahesh

Dadoda

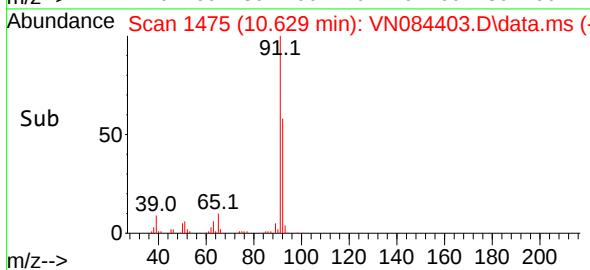
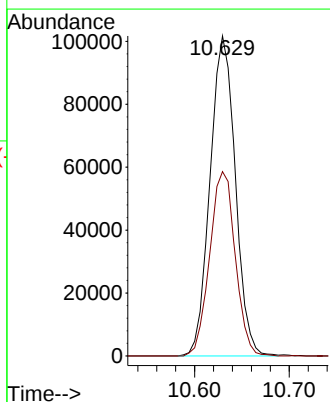
10/15/2024

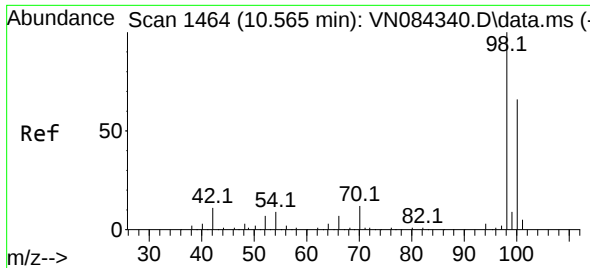


#62
Toluene
Concen: 20.051 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13



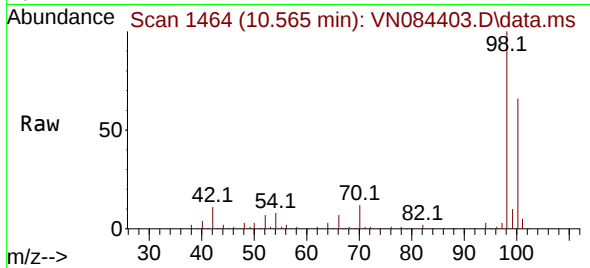
Tgt Ion: 91 Resp: 188437
Ion Ratio Lower Upper
91 100
92 58.3 47.2 70.8





#63
Toluene-d8
Concen: 31.026 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

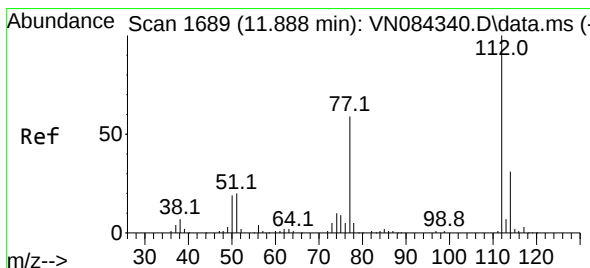
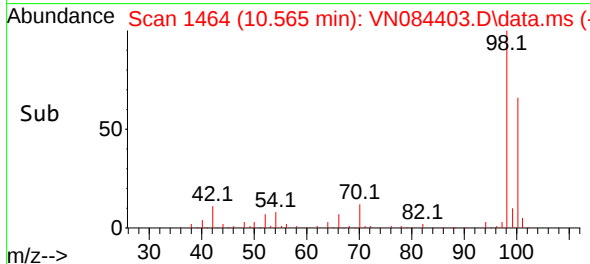
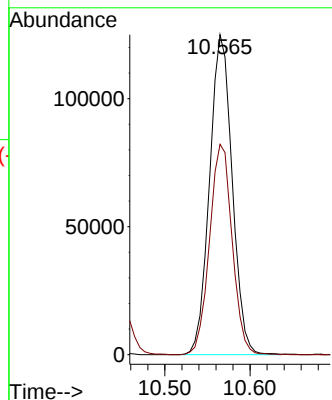


Tgt Ion: 98 Resp: 230733
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

Manual Integrations
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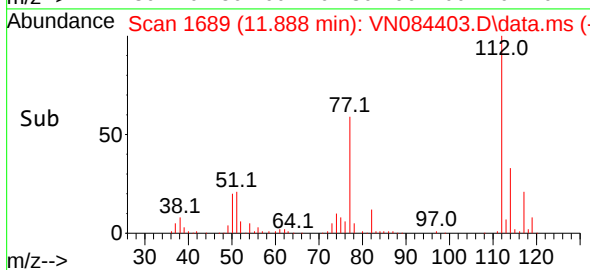
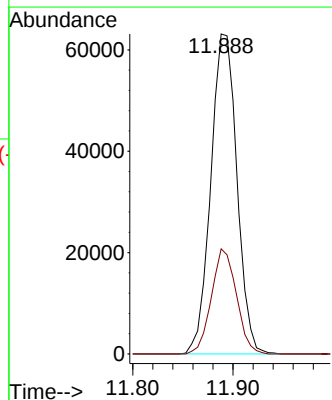
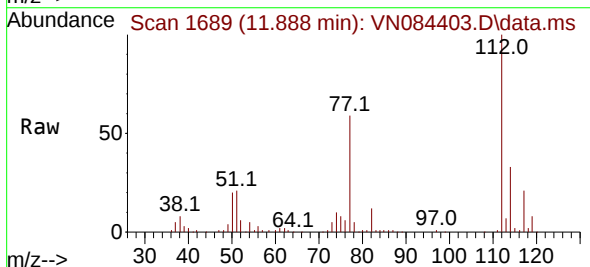
Reviewed By :John
Carlone
10/15/2024

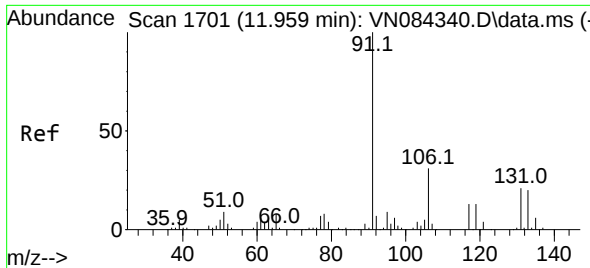
Supervised By :Mahesh
Dadoda
10/15/2024



#64
Chlorobenzene
Concen: 19.551 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

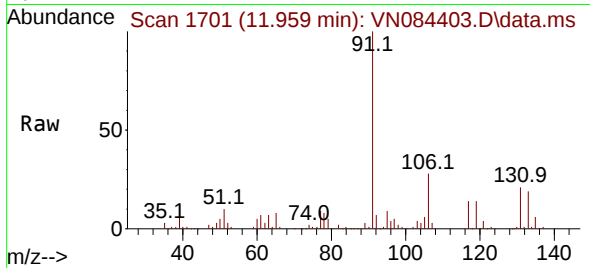
Tgt Ion:112 Resp: 114337
Ion Ratio Lower Upper
112 100
114 32.9 25.1 37.7





#65
1,1,1,2-Tetrachloroethane
Concen: 19.707 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

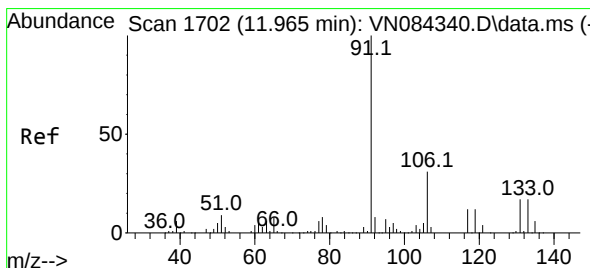
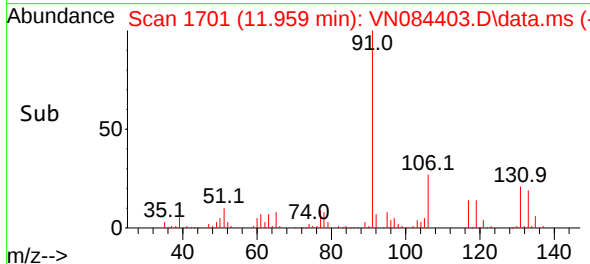
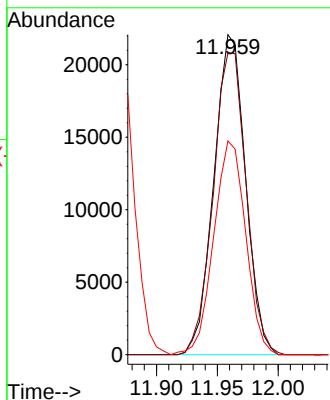


Tgt Ion:131 Resp: 40038
Ion Ratio Lower Upper
131 100
133 98.1 0.0 190.4
119 67.3 0.0 130.0

Manual Integrations
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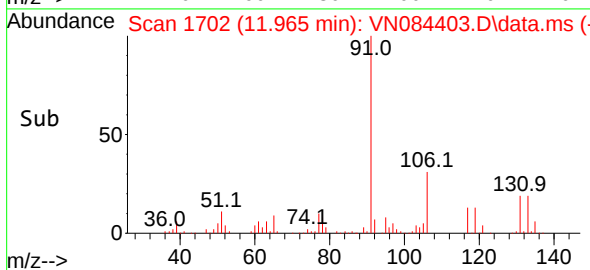
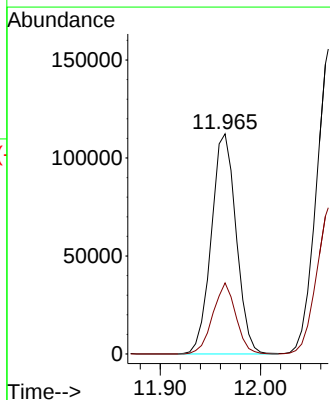
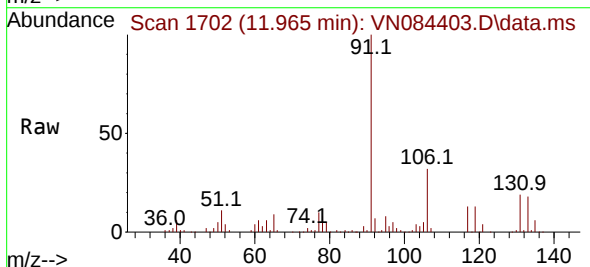
Reviewed By :John
Carlone
10/15/2024

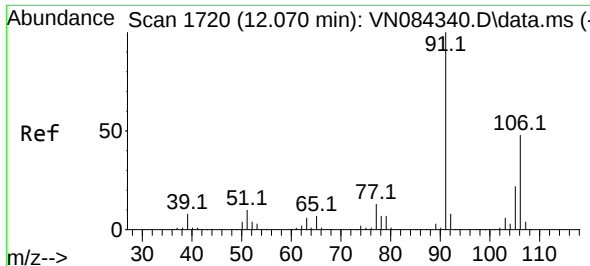
Supervised By :Mahesh
Dadoda
10/15/2024



#66
Ethyl Benzene
Concen: 18.899 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Tgt Ion: 91 Resp: 192959
Ion Ratio Lower Upper
91 100
106 32.2 25.2 37.8





#67
m/p-Xylenes
Concen: 39.418 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:106 Resp: 15267
Ion Ratio Lower Upper
106 100
91 208.0 166.7 250.1

Manual Integrations
APPROVED

Reviewed By :John

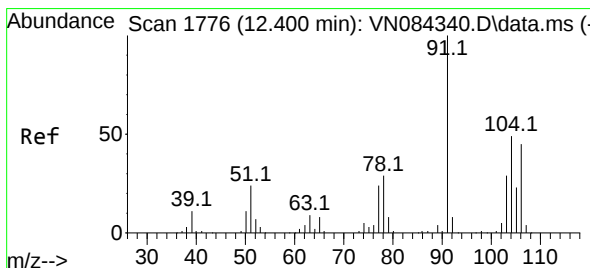
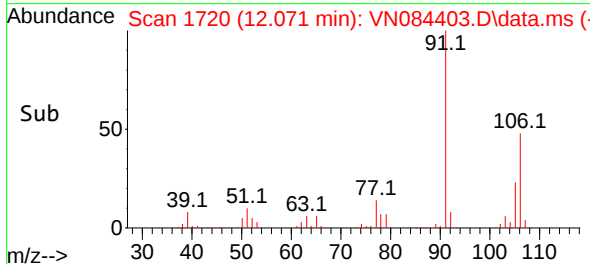
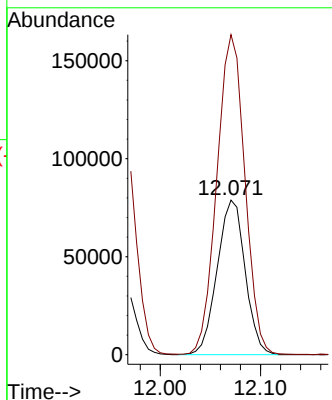
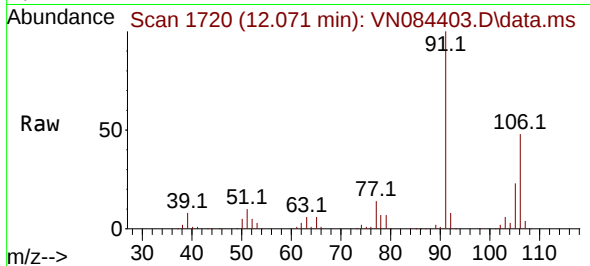
Carlone

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Supervised By :Mahesh

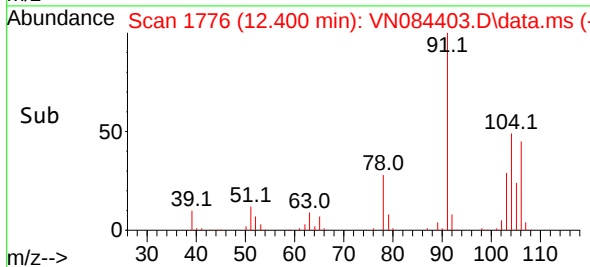
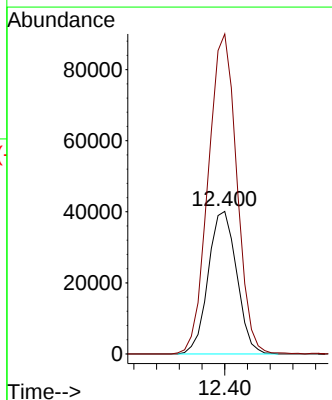
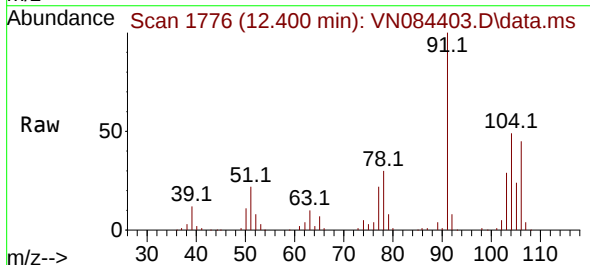
Dadoda

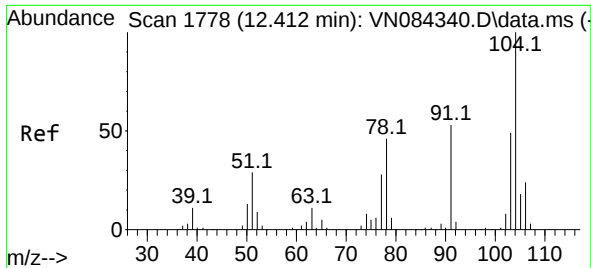
10/15/2024



#68
o-Xylene
Concen: 18.708 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

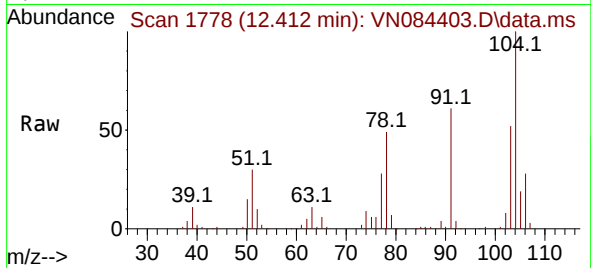
Tgt Ion:106 Resp: 69844
Ion Ratio Lower Upper
106 100
91 225.1 110.9 332.9





#69
Styrene
Concen: 19.328 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

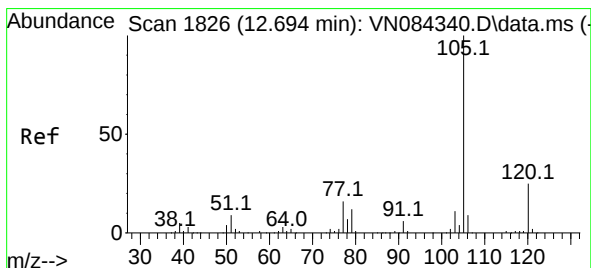
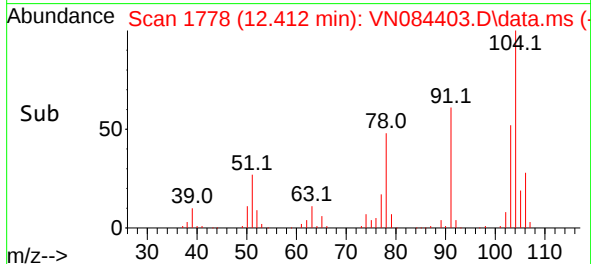
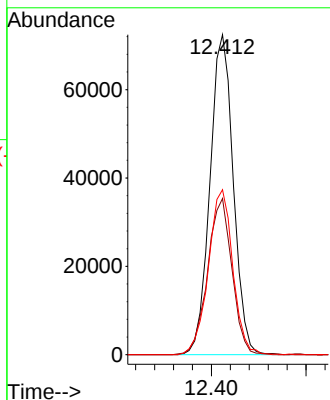


Tgt Ion:104 Resp: 123875
Ion Ratio Lower Upper
104 100
78 51.0 41.6 62.4
103 53.9 44.4 66.6

Manual Integrations
APPROVED

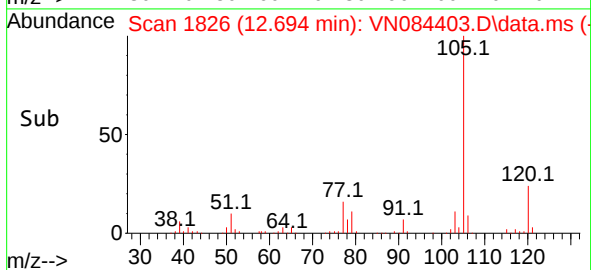
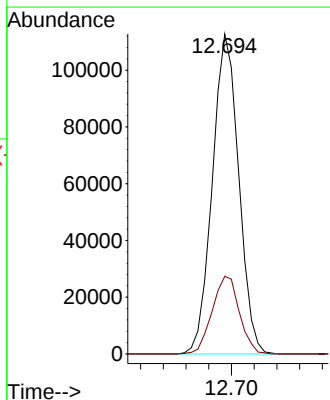
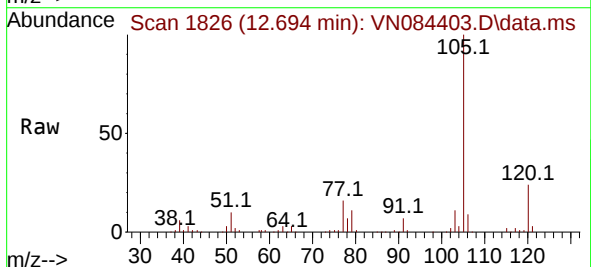
Reviewed By :John
Carlone
10/15/2024

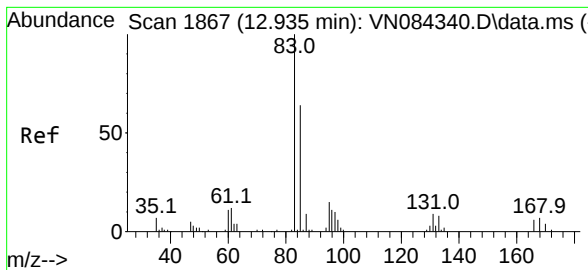
Supervised By :Mahesh
Dadoda
10/15/2024



#70
Isopropylbenzene
Concen: 19.058 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

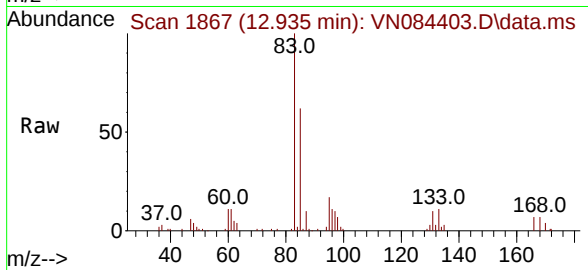
Tgt Ion:105 Resp: 181641
Ion Ratio Lower Upper
105 100
120 25.0 17.4 32.4





#71
1,1,2,2-Tetrachloroethane
Concen: 21.247 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

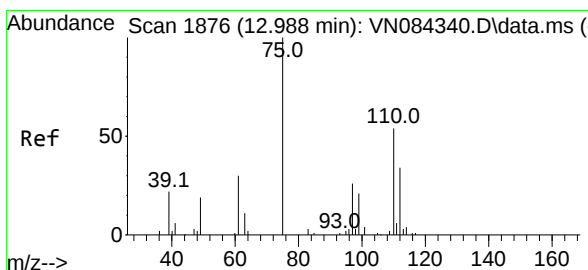
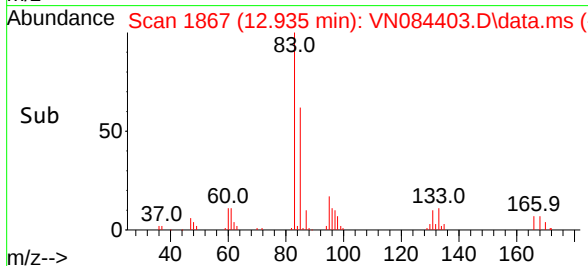
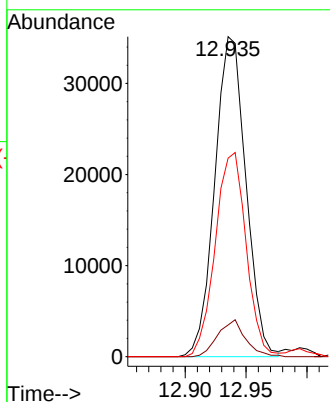


Tgt Ion: 83 Resp: 62640
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 63.1 32.0 96.2

Manual Integrations
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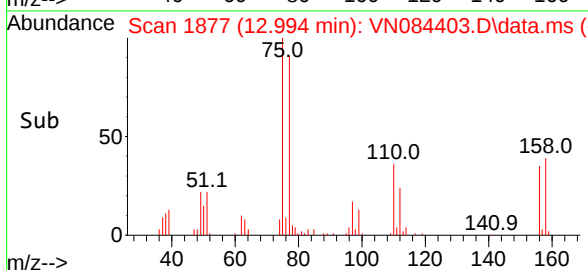
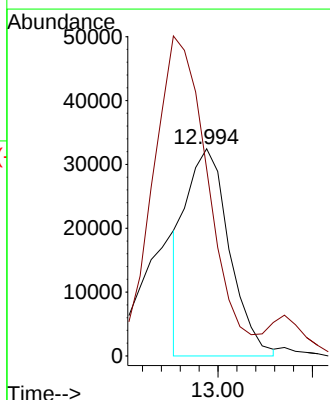
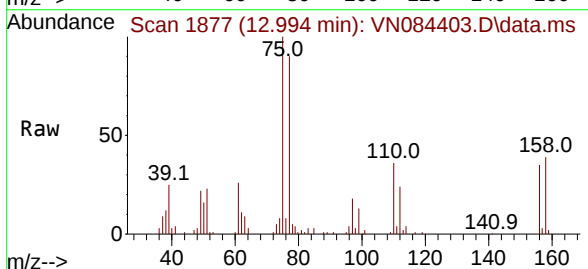
Reviewed By :John
Carlone
10/15/2024

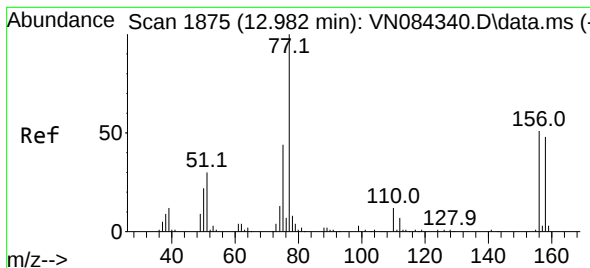
Supervised By :Mahesh
Dadoda
10/15/2024



#72
1,2,3-Trichloropropane
Concen: 20.553 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Tgt Ion: 75 Resp: 51899
Ion Ratio Lower Upper
75 100
77 195.5 0.0 414.0





#73

Bromobenzene

Concen: 20.068 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN084403.D

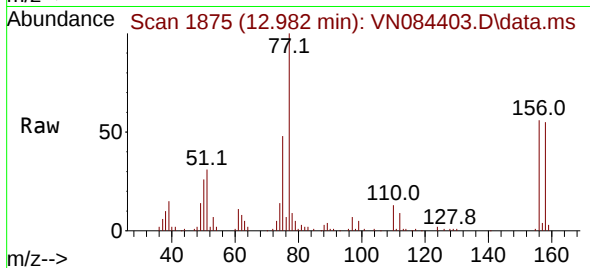
Acq: 14 Oct 2024 09:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion:156 Resp: 4632

Ion Ratio Lower Upper

156 100

77 219.1 0.0 451.0

158 99.1 0.0 194.6

Manual Integrations

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Reviewed By :John

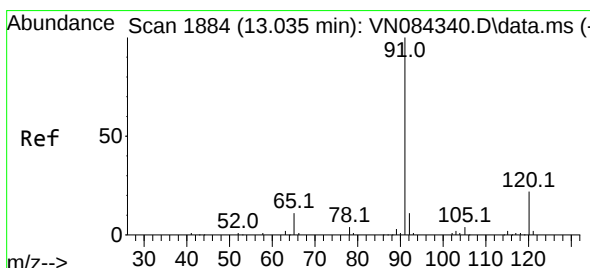
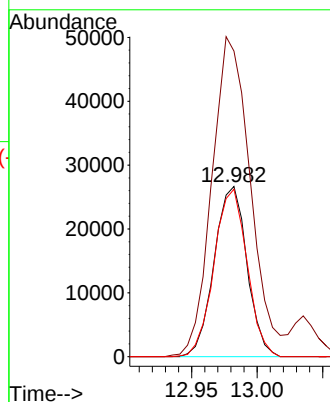
Carlone

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Supervised By :Mahesh

Dadoda

10/15/2024



#74

n-propylbenzene

Concen: 19.364 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084403.D

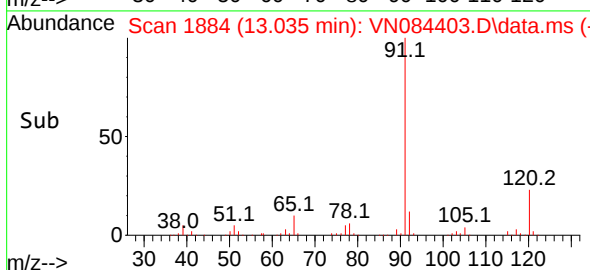
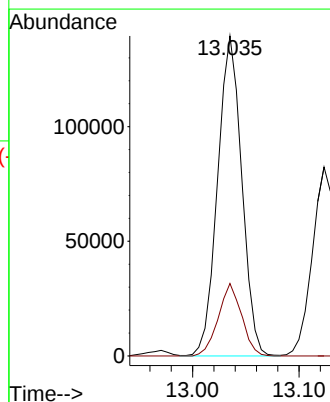
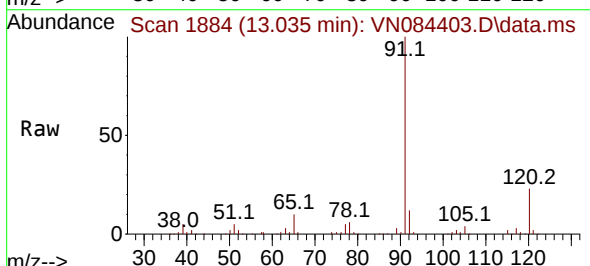
Acq: 14 Oct 2024 09:13

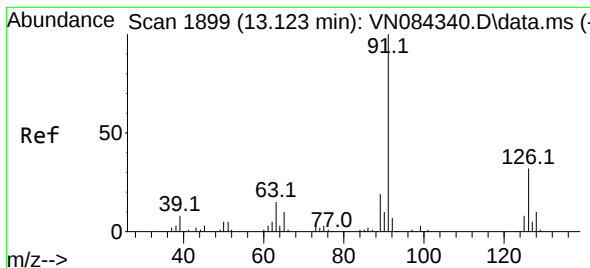
Tgt Ion: 91 Resp: 219925

Ion Ratio Lower Upper

91 100

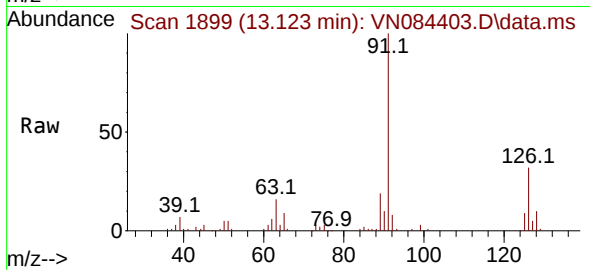
120 21.8 0.0 43.2





#75
2-Chlorotoluene
Concen: 19.195 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

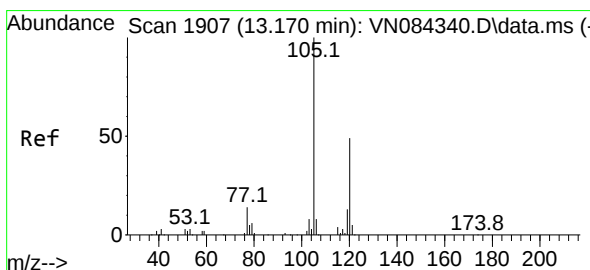
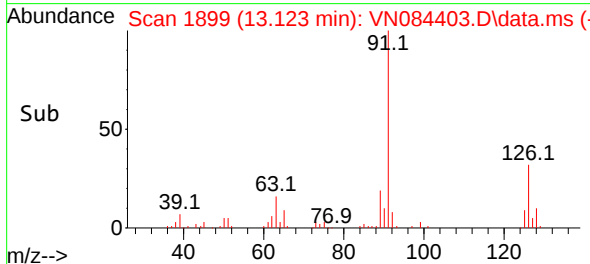
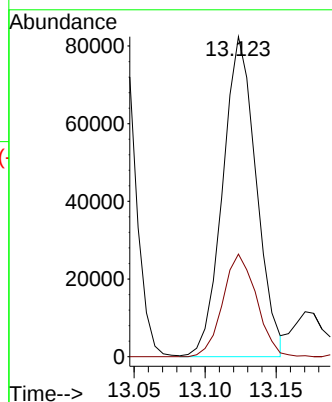


Tgt Ion: 91 Resp: 135472
Ion Ratio Lower Upper
91 100
126 32.2 0.0 64.0

Manual Integrations
APPROVED

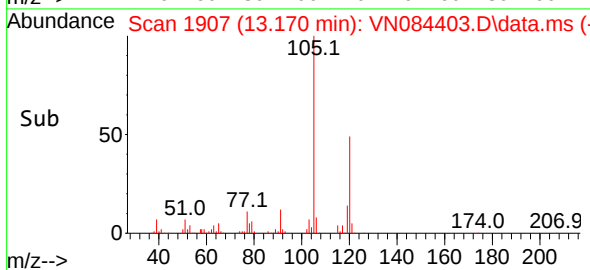
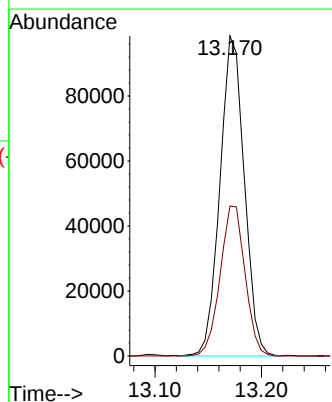
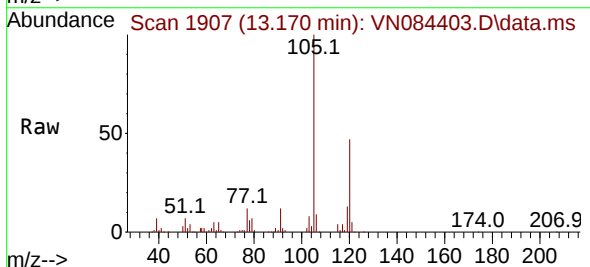
Reviewed By :John
Carlone
10/15/2024

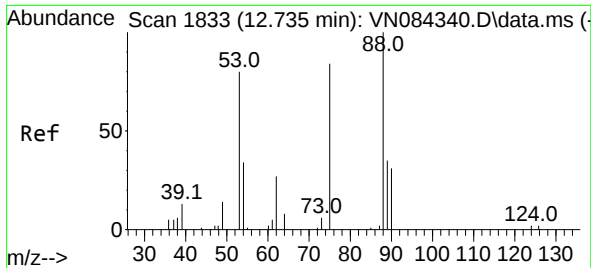
Supervised By :Mahesh
Dadoda
10/15/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.470 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

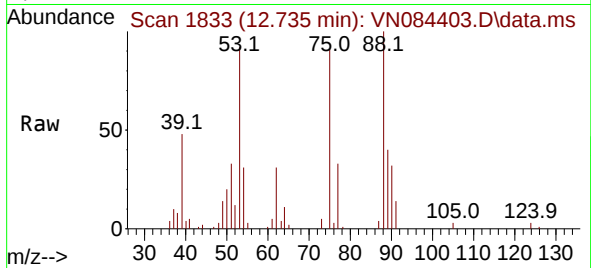
Tgt Ion:105 Resp: 156249
Ion Ratio Lower Upper
105 100
120 48.0 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 18.753 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

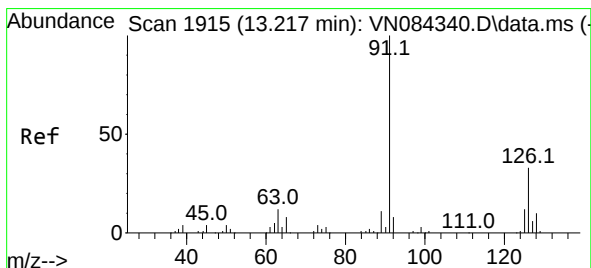
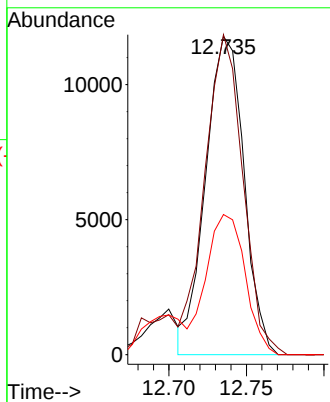
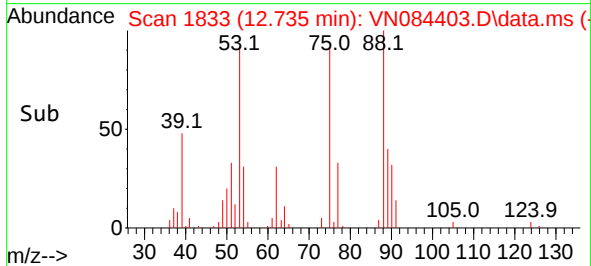


Tgt Ion: 75 Resp: 2023
Ion Ratio Lower Upper
75 100
53 98.5 47.3 142.0
89 44.1 22.9 68.8

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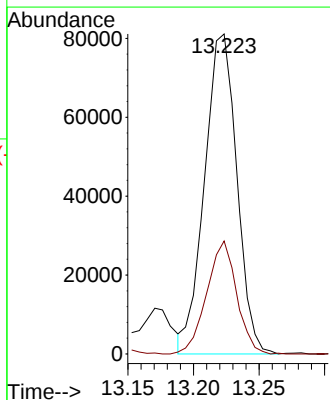
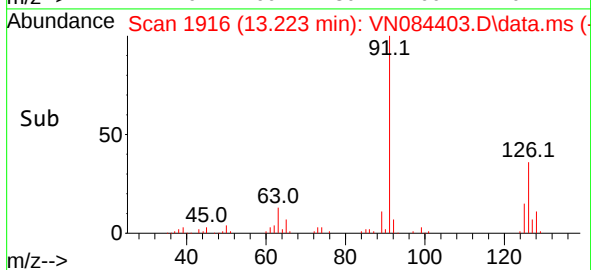
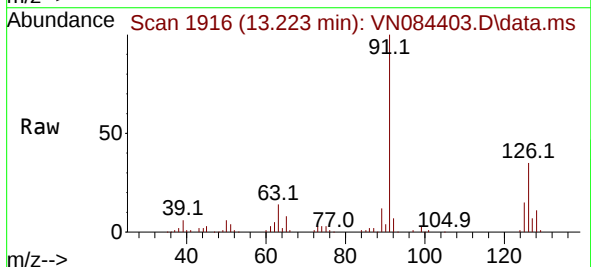
Reviewed By :John
Carlone
10/15/2024

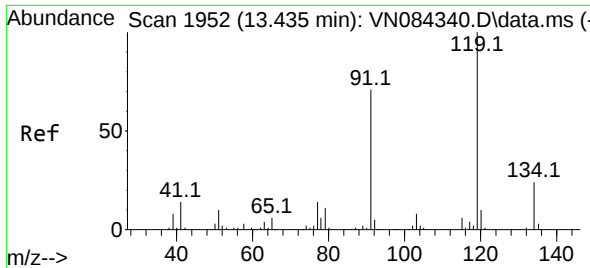
Supervised By :Mahesh
Dadoda
10/15/2024



#78
4-Chlorotoluene
Concen: 19.384 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

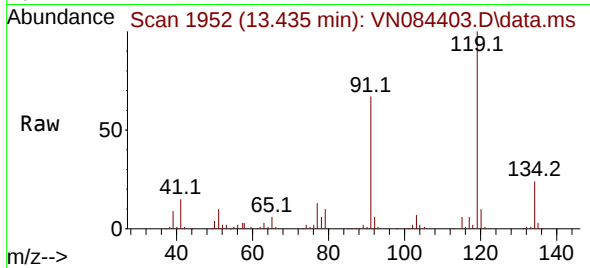
Tgt Ion: 91 Resp: 139091
Ion Ratio Lower Upper
91 100
126 32.6 0.0 62.4





#79
tert-butylbenzene
Concen: 18.879 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

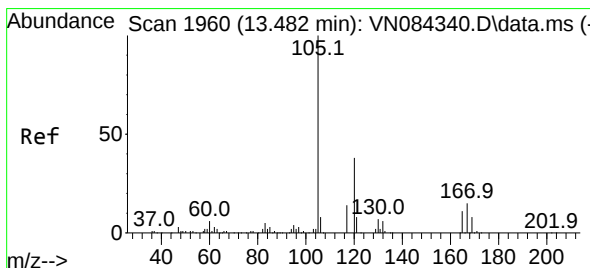
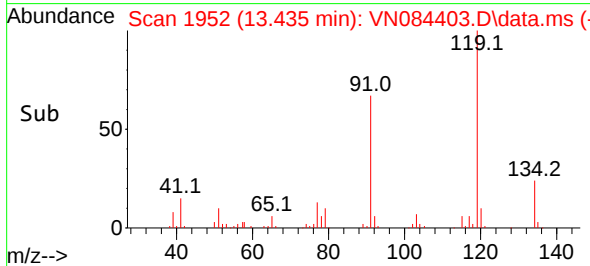
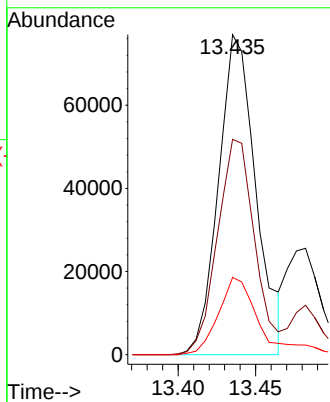


Tgt Ion:119 Resp: 129254
Ion Ratio Lower Upper
119 100
91 67.0 0.0 138.0
134 23.6 0.0 48.8

Manual Integrations
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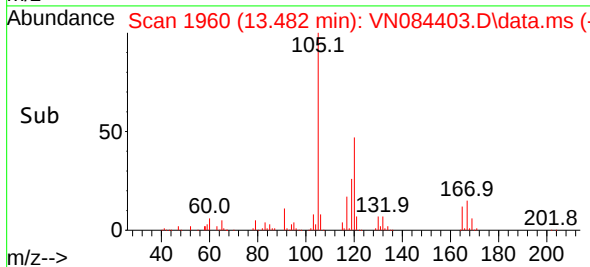
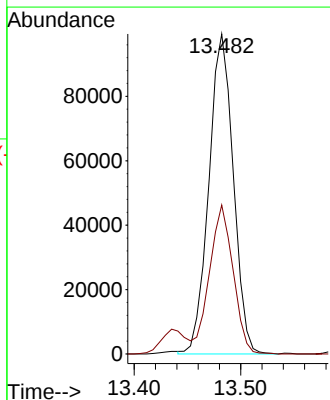
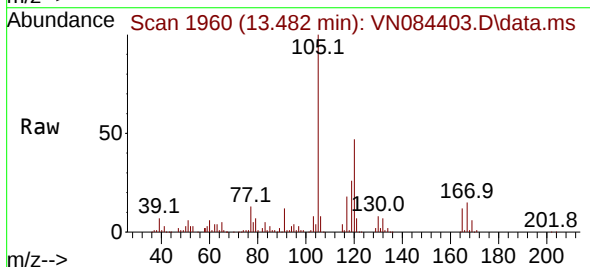
Reviewed By :John
Carlone
10/15/2024

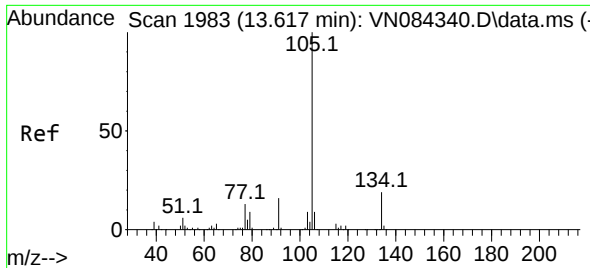
Supervised By :Mahesh
Dadoda
10/15/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.457 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Tgt Ion:105 Resp: 158429
Ion Ratio Lower Upper
105 100
120 45.0 0.0 88.8





#81
 sec-Butylbenzene
 Concen: 19.348 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN084403.D
 Acq: 14 Oct 2024 09:13

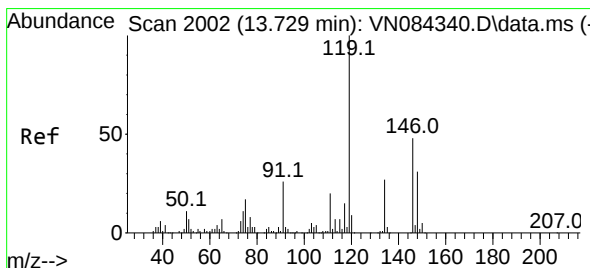
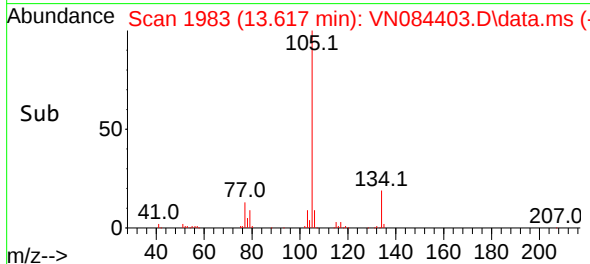
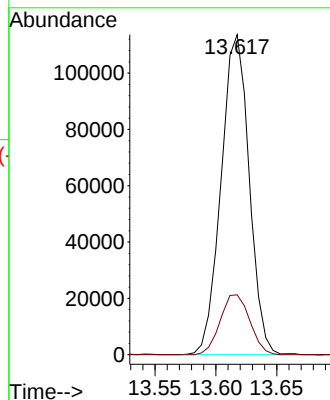
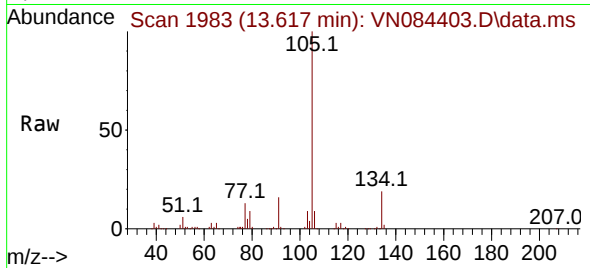
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion:105 Resp: 18237
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 38.0

Manual Integrations
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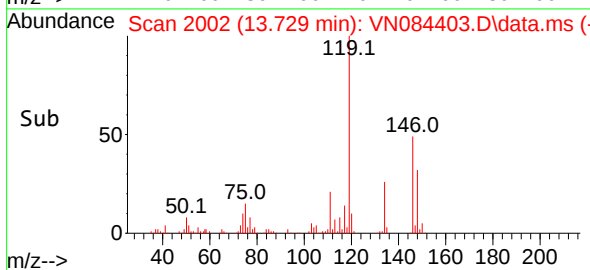
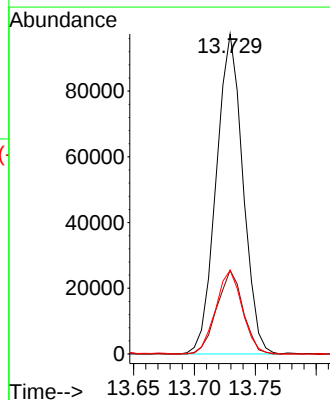
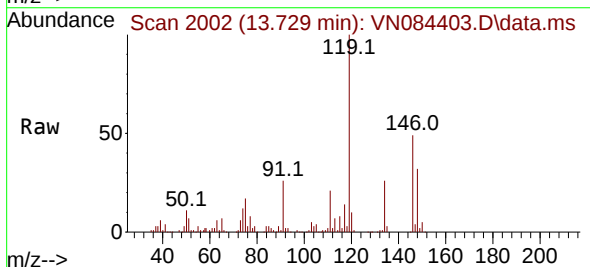
Reviewed By :John
 Carlone
 10/15/2024

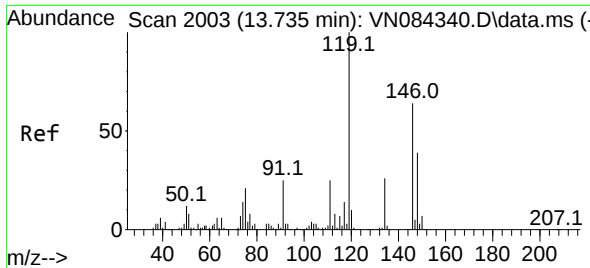
Supervised By :Mahesh
 Dadoda
 10/15/2024



#82
 p-Isopropyltoluene
 Concen: 18.745 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084403.D
 Acq: 14 Oct 2024 09:13

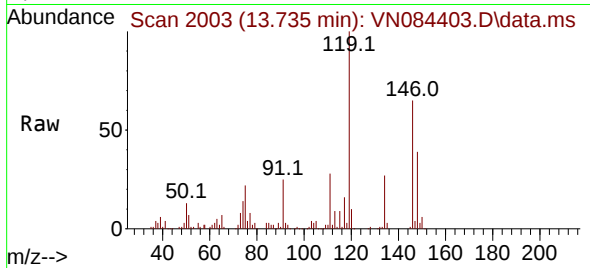
Tgt Ion:119 Resp: 148715
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 50.2
 91 26.0 0.0 50.6





#83
1,3-Dichlorobenzene
Concen: 20.101 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

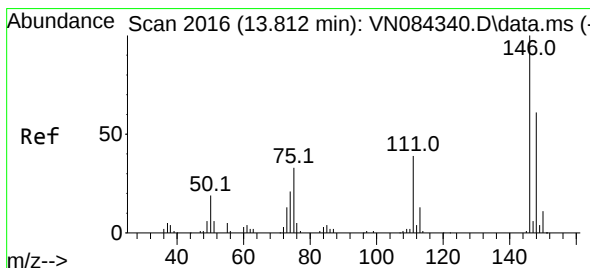
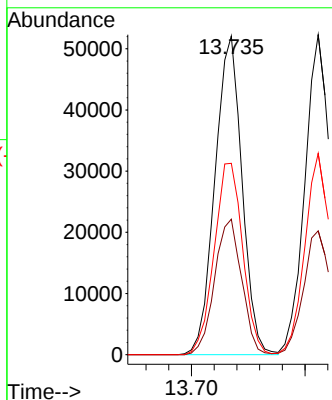
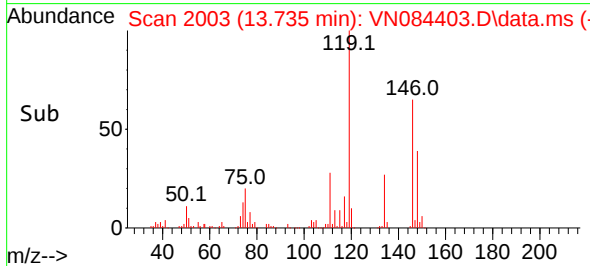


Tgt Ion:146 Resp: 86272
Ion Ratio Lower Upper
146 100
111 42.4 20.6 61.9
148 63.3 31.6 94.7

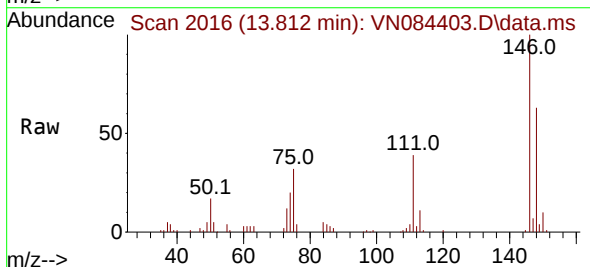
Manual Integrations
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Reviewed By :John
Carlone
10/15/2024

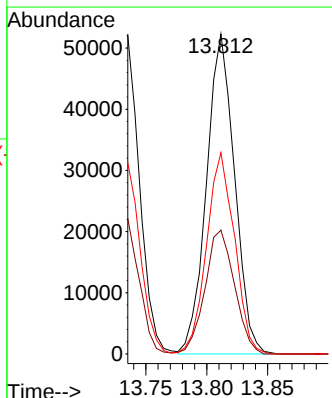
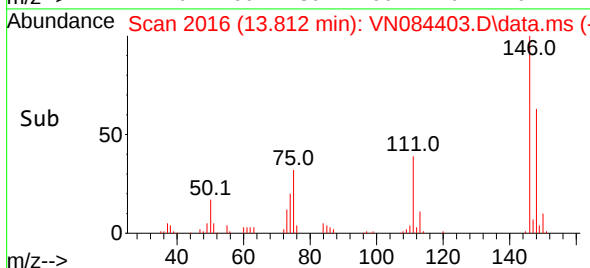
Supervised By :Mahesh
Dadoda
10/15/2024

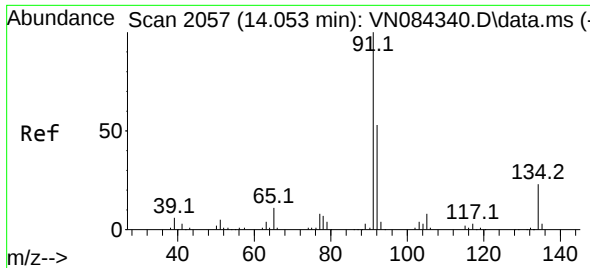


#84
1,4-Dichlorobenzene
Concen: 19.742 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13



Tgt Ion:146 Resp: 84140
Ion Ratio Lower Upper
146 100
111 40.7 20.5 61.5
148 62.5 32.5 97.4





#85
n-Butylbenzene
Concen: 18.160 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :

MSVOA_N

ClientSampleId :

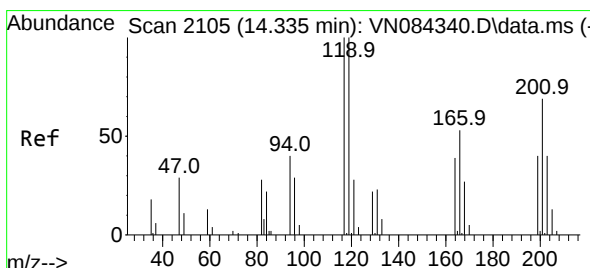
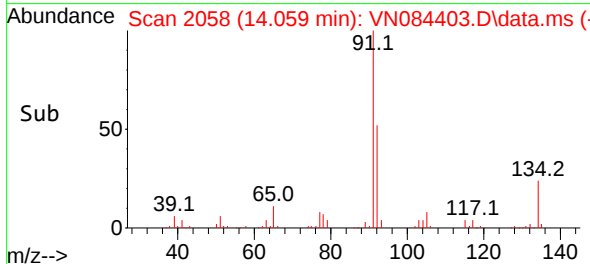
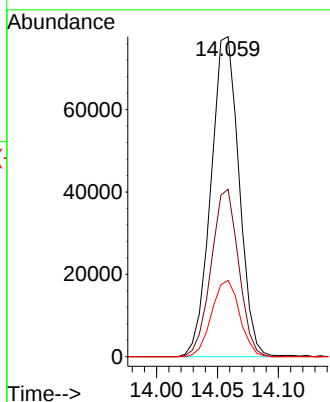
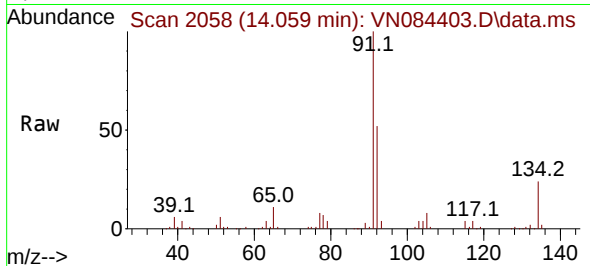
VSTDCCC020

Tgt Ion: 91 Resp: 12478
Ion Ratio Lower Upper
91 100
92 51.1 0.0 103.4
134 23.7 0.0 48.0

Manual Integrations
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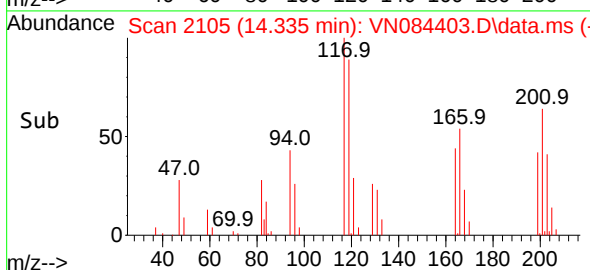
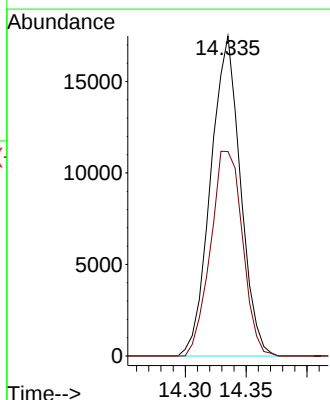
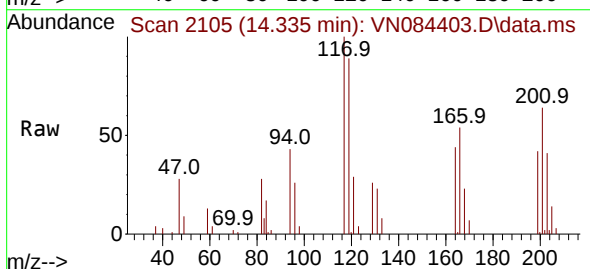
Reviewed By :John
Carlone
10/15/2024

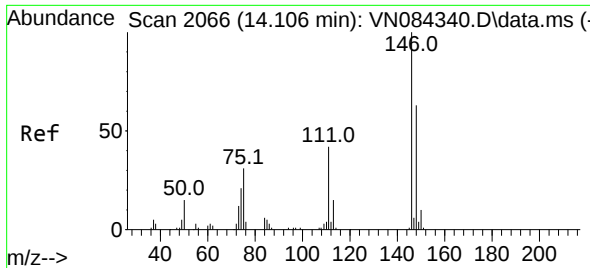
Supervised By :Mahesh
Dadoda
10/15/2024



#86
Hexachloroethane
Concen: 19.453 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Tgt Ion:117 Resp: 29734
Ion Ratio Lower Upper
117 100
201 68.7 33.9 101.6





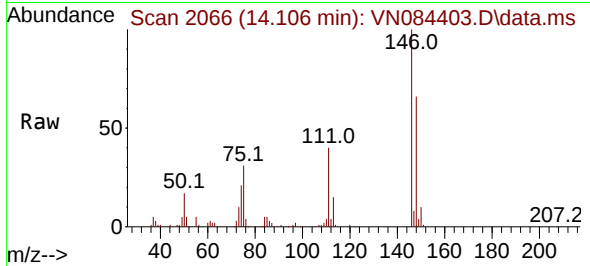
#87
1,2-Dichlorobenzene
Concen: 20.258 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion:146 Resp: 84062
Ion Ratio Lower Upper
146 100
111 41.8 21.9 65.5
148 63.5 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John

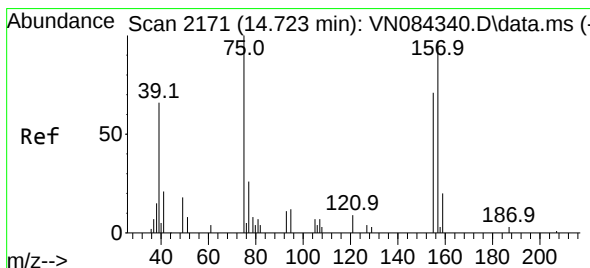
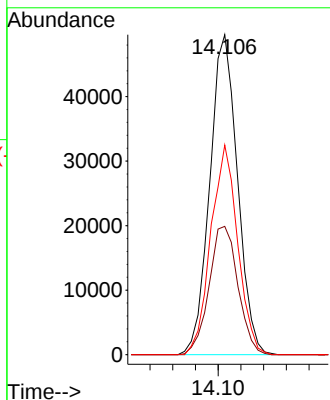
Carlone

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Supervised By :Mahesh

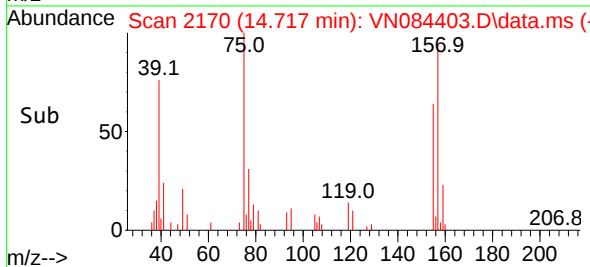
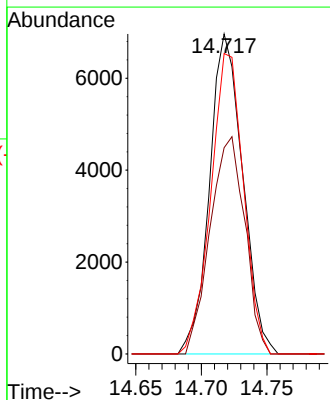
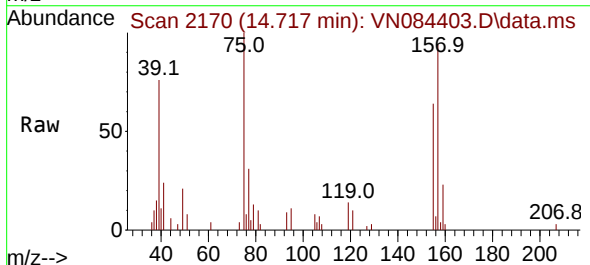
Dadoda

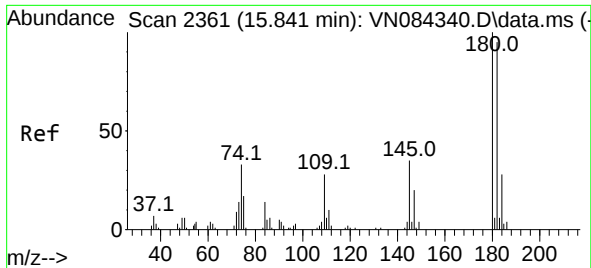
10/15/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.269 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

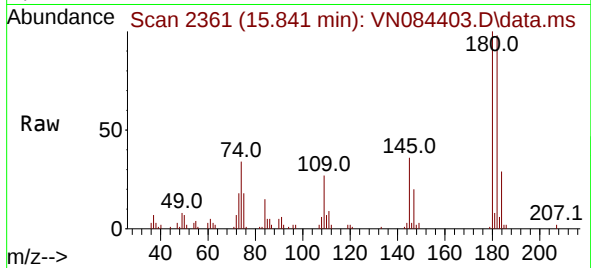
Tgt Ion: 75 Resp: 12221
Ion Ratio Lower Upper
75 100
155 71.2 61.8 92.8
157 92.7 77.4 116.0





#89
1,2,4-Trichlorobenzene
Concen: 18.452 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

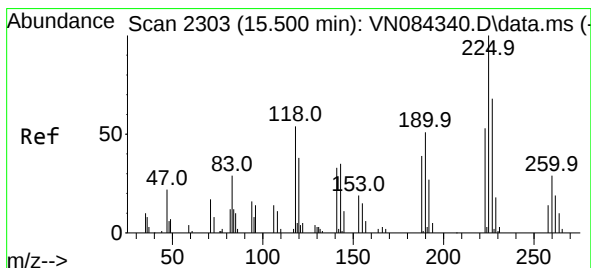
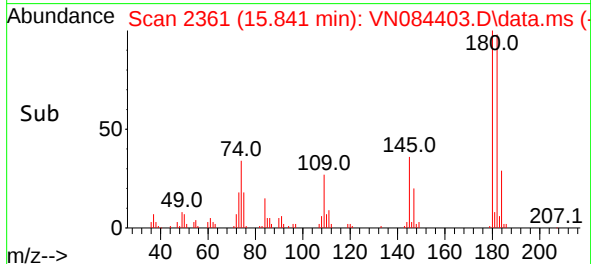
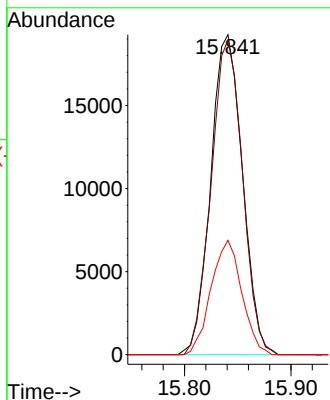


Tgt Ion:180 Resp: 39810
Ion Ratio Lower Upper
180 100
182 97.6 77.8 116.6
145 34.7 28.9 43.3

Manual Integrations
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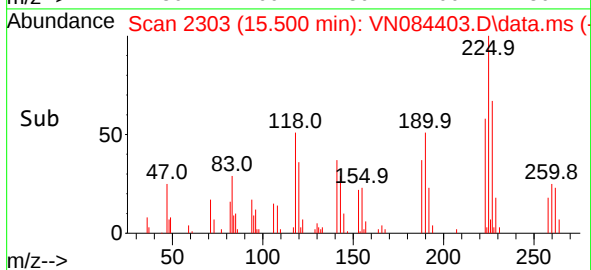
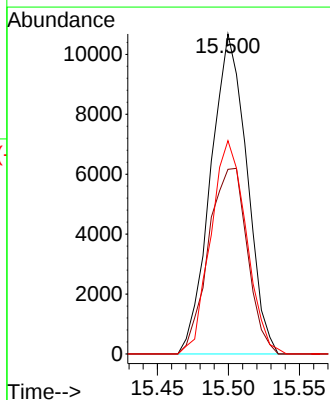
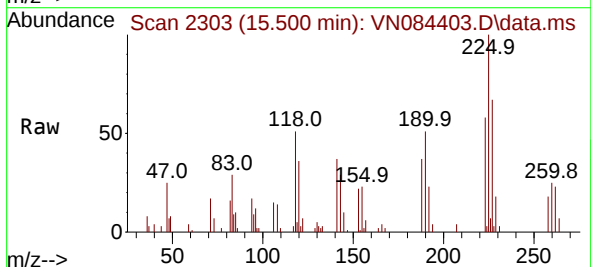
Reviewed By :John
Carlone
10/15/2024

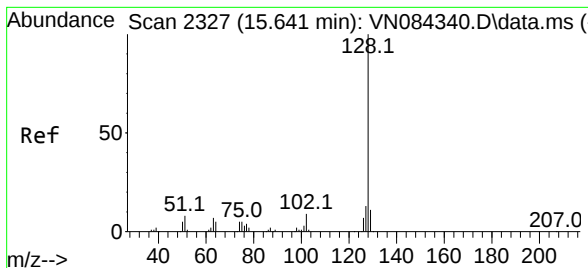
Supervised By :Mahesh
Dadoda
10/15/2024



#90
Hexachlorobutadiene
Concen: 18.973 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

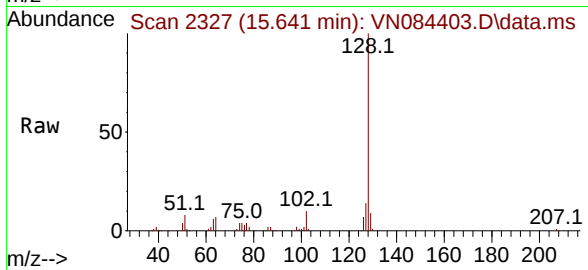
Tgt Ion:225 Resp: 18938
Ion Ratio Lower Upper
225 100
223 62.2 0.0 124.0
227 65.4 0.0 130.8





#91
Naphthalene
Concen: 16.605 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

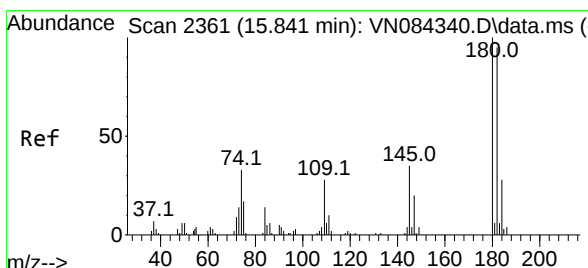
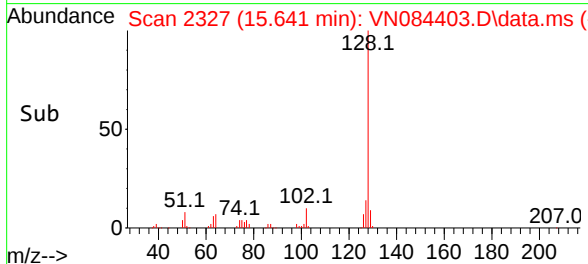
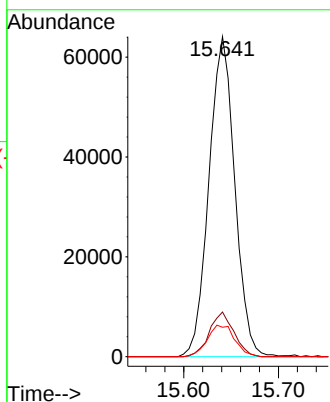


Tgt Ion:128 Resp: 121399
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.5 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone
10/15/2024

Supervised By :Mahesh
Dadoda
10/15/2024



#92
1,2,3-Trichlorobenzene
Concen: 18.452 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN084403.D
Acq: 14 Oct 2024 09:13

Tgt Ion:180 Resp: 39810
Ion Ratio Lower Upper
180 100
182 97.6 0.0 194.4
145 34.7 0.0 72.2

