

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083706.D
 Acq On : 09 Sep 2024 08:57
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024

Supervised By :Mahesh

Dadoda

09/10/2024

Quant Time: Sep 10 01:14:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	29901	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	176779	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	156716	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	83052	30.387	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.300%			
60) 4-Bromofluorobenzene	12.847	95	82449	30.526	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.767%			
63) Toluene-d8	10.565	98	223252	30.766	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.567%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	38084	19.019	ug/l	99
3) Chloromethane	2.359	50	41028	19.720	ug/l	97
4) Vinyl Chloride	2.512	62	41290	19.305	ug/l	93
5) Bromomethane	2.906	94	22149	18.535	ug/l	96
6) Chloroethane	3.083	64	31289	21.846	ug/l	98
7) Trichlorofluoromethane	3.471	101	68585	19.127	ug/l	99
8) Diethyl Ether	3.959	74	24246	19.900	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.359	101	36605m	19.005	ug/l	
10) 1,1-Dichloroethene	4.330	96	34892	18.775	ug/l	86
11) Methyl Iodide	4.577	142	47213m	18.703	ug/l	
12) Methyl Acetate	5.018	43	43298	19.319	ug/l #	84
13) Acrolein	4.171	56	35907	109.778	ug/l	100
14) Acrylonitrile	5.712	53	94104	103.754	ug/l	99
15) Acetone	4.436	58	35532	118.098	ug/l	92
16) Carbon Disulfide	4.700	76	96107	18.299	ug/l	100
17) Allyl chloride	5.012	41	63286	19.419	ug/l	88
18) Methylene Chloride	5.265	84	39672	19.512	ug/l	89
19) trans-1,2-Dichloroethene	5.777	96	35747	18.559	ug/l	90
20) Diisopropyl ether	6.665	45	124845	18.969	ug/l	96
21) 1,1-Dichloroethane	6.559	63	72208	19.216	ug/l	96
22) cis-1,2-Dichloroethene	7.477	96	44516	18.989	ug/l	90
23) tert-Butyl Alcohol	5.536	59	36610	109.997	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	129074	19.544	ug/l #	87
25) Chloroform	7.965	83	75687	19.007	ug/l	97
26) Cyclohexane	8.253	56	62003	18.735	ug/l #	88
29) 1,1-Dichloropropene	8.365	75	52261	18.638	ug/l	97
30) 2-Butanone	7.482	43	143941	108.902	ug/l	94
31) 2,2-Dichloropropane	7.488	77	69649	19.483	ug/l #	74
32) 1,1,1-Trichloroethane	8.171	97	71346	19.053	ug/l	97
33) Carbon Tetrachloride	8.359	117	61119	18.847	ug/l	97
34) Benzene	8.606	78	158704	18.864	ug/l	98
35) Methacrylonitrile	7.777	41	27914	18.787	ug/l	89
36) 1,2-Dichloroethane	8.671	62	60679	19.185	ug/l	95
37) Trichloroethene	9.347	130	36905	18.680	ug/l	93
38) Methylcyclohexane	9.600	83	61515	18.325	ug/l	96
39) 1,2-Dichloropropane	9.623	63	39075	19.298	ug/l	96
40) Dibromomethane	9.706	93	27867	18.822	ug/l	96
41) Bromodichloromethane	9.882	83	60049	19.073	ug/l	99
42) Vinyl Acetate	6.594	43	488870	89.959	ug/l	97

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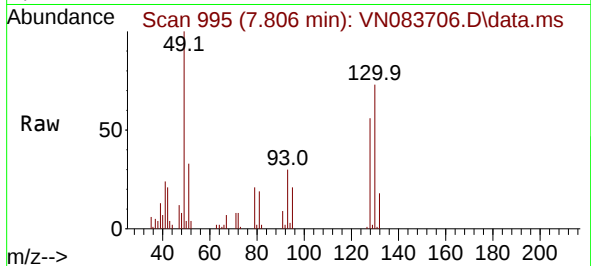
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	55482	20.855	ug/l	100
44) Isopropyl Acetate	8.688	43	93405	20.299	ug/l	91
45) 1,4-Dioxane	9.694	88	15561	433.581	ug/l #	92
46) Methyl methacrylate	9.676	41	44628	20.038	ug/l	77
47) n-amyl Acetate	12.494	43	79859	19.593	ug/l	90
48) t-1,3-Dichloropropene	10.835	75	60272	18.200	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	64409	18.702	ug/l #	84
50) 1,1,2-Trichloroethane	11.018	97	37367	19.835	ug/l	96
51) Ethyl methacrylate	10.876	69	61944	19.246	ug/l	83
52) 1,3-Dichloropropane	11.159	76	64754	19.033	ug/l	96
53) Dibromochloromethane	11.359	129	43421	19.216	ug/l	98
54) 1,2-Dibromoethane	11.470	107	36980	18.974	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	137269	107.016	ug/l	99
56) Bromoform	12.576	173	27115	18.888	ug/l #	97
58) 4-Methyl-2-Pentanone	10.441	43	265314	106.770	ug/l #	88
59) 2-Hexanone	11.194	43	202111	107.641	ug/l	89
61) Tetrachloroethene	11.100	164	31929	19.251	ug/l	91
62) Toluene	10.629	91	170699	18.950	ug/l	99
64) Chlorobenzene	11.894	112	105745	18.961	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.959	131	38339	19.734	ug/l	99
66) Ethyl Benzene	11.965	91	188510	18.403	ug/l	98
67) m/p-Xylenes	12.070	106	141462	37.536	ug/l	99
68) o-Xylene	12.400	106	68923	18.896	ug/l	97
69) Styrene	12.412	104	110730	17.967	ug/l	97
70) Isopropylbenzene	12.694	105	179225	18.620	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	52680	20.038	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	46294m	20.084	ug/l	
73) Bromobenzene	12.982	156	40749	18.431	ug/l	94
74) n-propylbenzene	13.035	91	201798	17.909	ug/l	99
75) 2-Chlorotoluene	13.123	91	130171	18.510	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	151739	18.872	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	19214	19.721	ug/l	92
78) 4-Chlorotoluene	13.223	91	124849	17.506	ug/l	99
79) tert-butylbenzene	13.441	119	134556	19.138	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	150807	18.560	ug/l	100
81) sec-Butylbenzene	13.617	105	172200	17.928	ug/l	100
82) p-Isopropyltoluene	13.729	119	146044	18.072	ug/l	97
83) 1,3-Dichlorobenzene	13.735	146	74259	17.451	ug/l	98
84) 1,4-Dichlorobenzene	13.811	146	72920	17.141	ug/l	98
85) n-Butylbenzene	14.053	91	123241	17.282	ug/l	98
86) Hexachloroethane	14.335	117	28763	18.782	ug/l	89
87) 1,2-Dichlorobenzene	14.106	146	74800	18.113	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	12068	20.888	ug/l	89
89) 1,2,4-Trichlorobenzene	15.841	180	38107	16.843	ug/l	99
90) Hexachlorobutadiene	15.500	225	17487	18.674	ug/l	97
91) Naphthalene	15.641	128	126878	17.154	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	38107	16.843	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

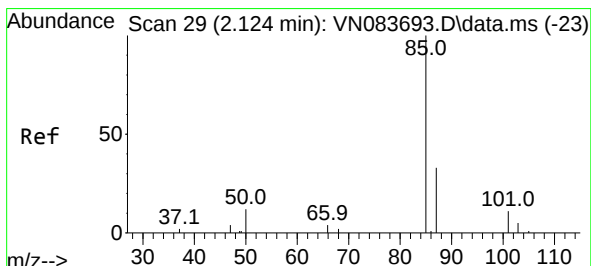
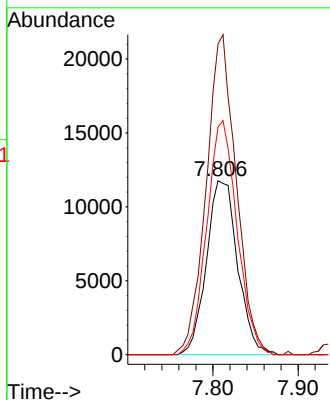
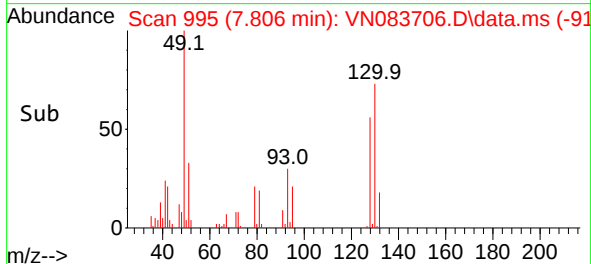


Tgt Ion:128 Resp: 2990
Ion Ratio Lower Upper
128 100
49 177.2 0.0 403.7
130 131.3 0.0 323.3

Manual Integrations
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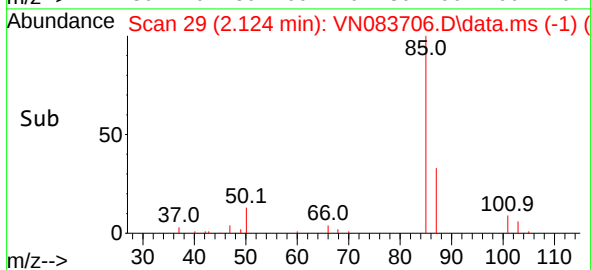
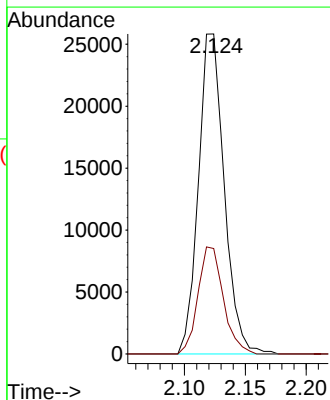
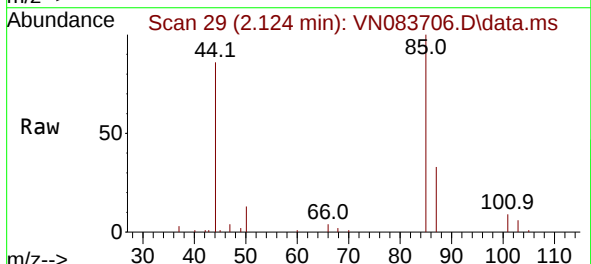
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

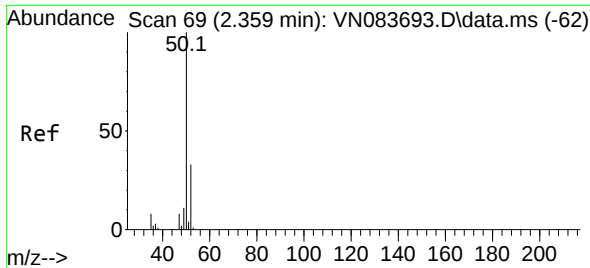
Supervised By :Mahesh
Dadoda
09/10/2024



#2
Dichlorodifluoromethane
Concen: 19.019 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

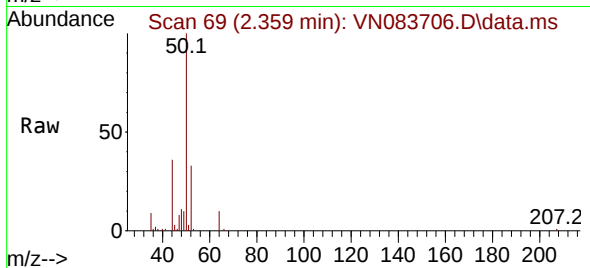
Tgt Ion: 85 Resp: 38084
Ion Ratio Lower Upper
85 100
87 33.0 16.8 50.3





#3
Chloromethane
Concen: 19.720 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

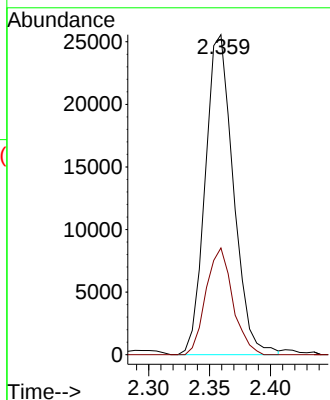
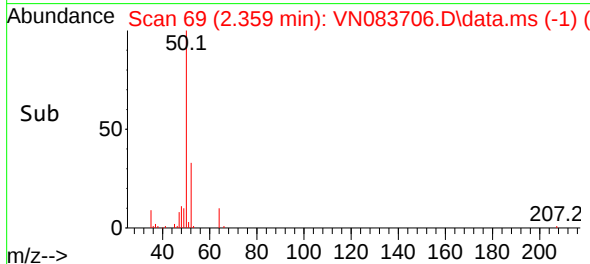
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



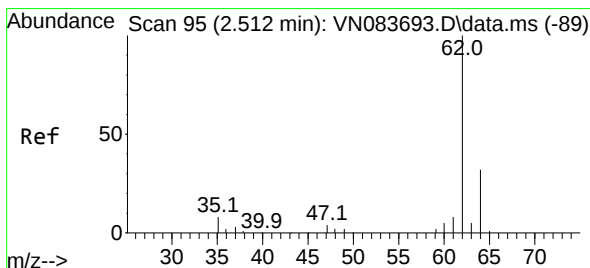
Tgt Ion: 50 Resp: 41028
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.0

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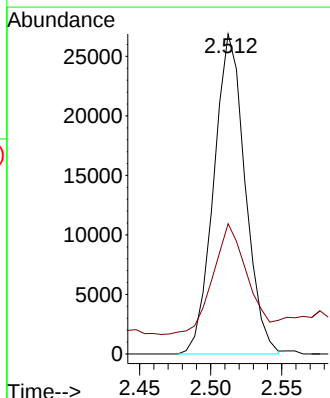
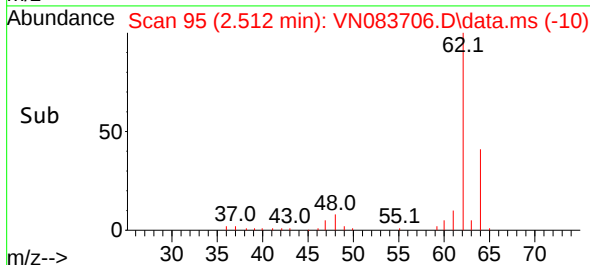
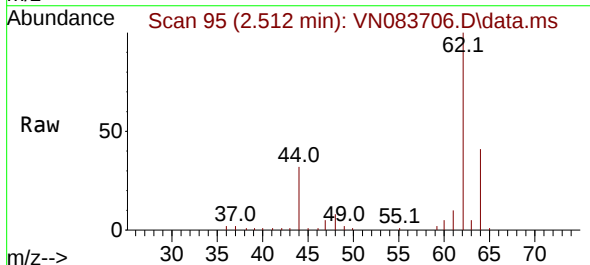


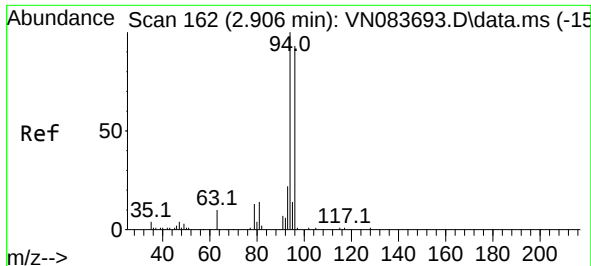
Supervised By :Mahesh
Dadoda
09/10/2024



#4
Vinyl Chloride
Concen: 19.305 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

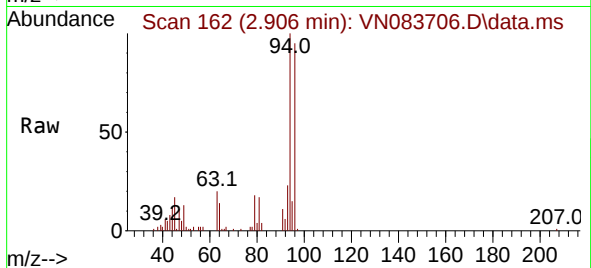
Tgt Ion: 62 Resp: 41290
Ion Ratio Lower Upper
62 100
64 33.8 24.1 36.1





#5
Bromomethane
Concen: 18.535 ug/l
RT: 2.906 min Scan# 162
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

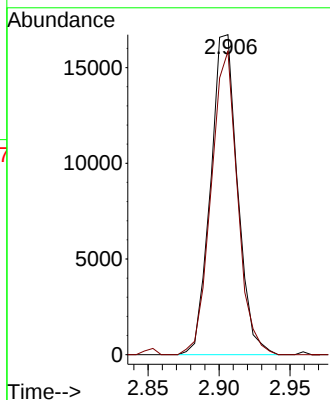
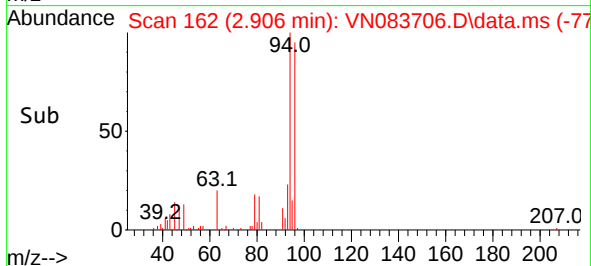
Instrument :
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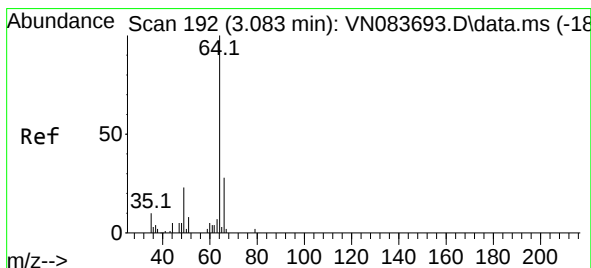
Tgt Ion: 94 Resp: 22149
Ion Ratio Lower Upper
94 100
96 94.8 72.8 109.2

Manual Integrations
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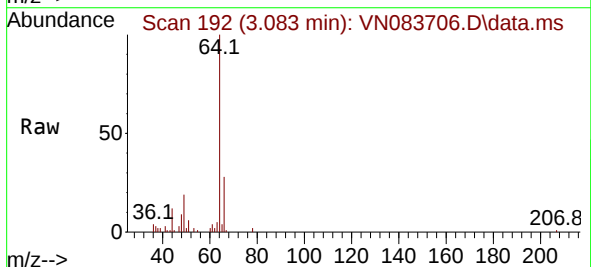
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



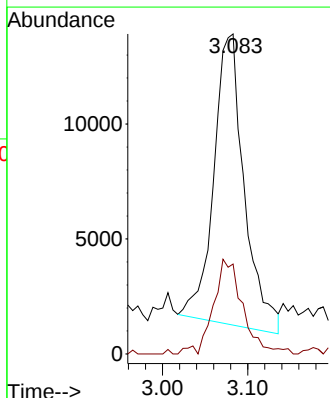
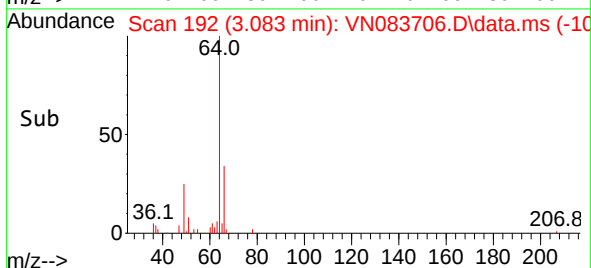
Supervised By :Mahesh
Dadoda
09/10/2024

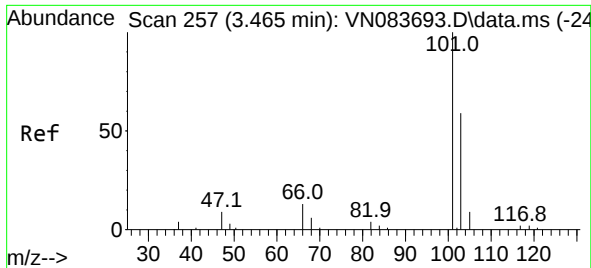


#6
Chloroethane
Concen: 21.846 ug/l
RT: 3.083 min Scan# 192
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57



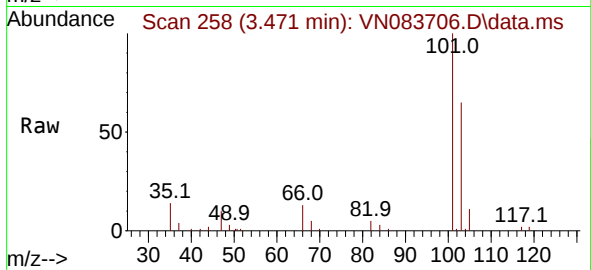
Tgt Ion: 64 Resp: 31289
Ion Ratio Lower Upper
64 100
66 32.1 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 19.127 ug/l
 RT: 3.471 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VN083706.D
 Acq: 09 Sep 2024 08:57

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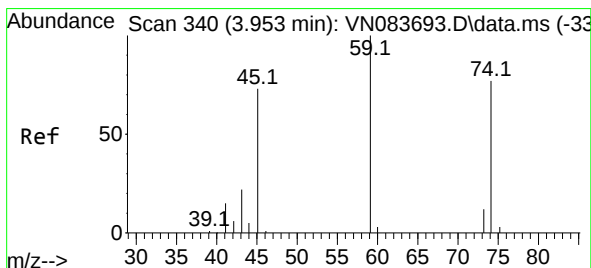
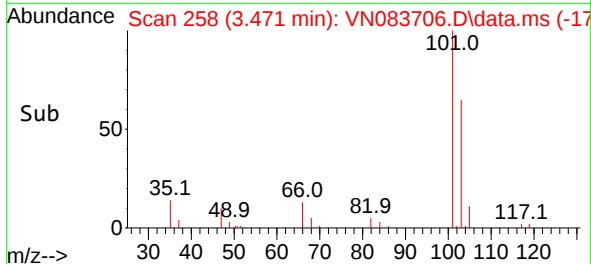
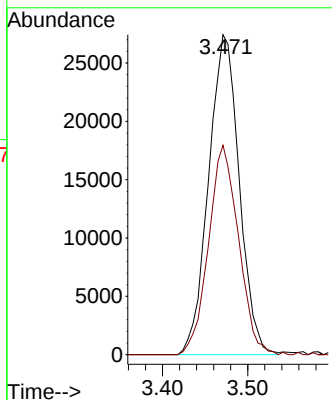


Tgt Ion:101 Resp: 6858
 Ion Ratio Lower Upper
 101 100
 103 65.5 53.0 79.4

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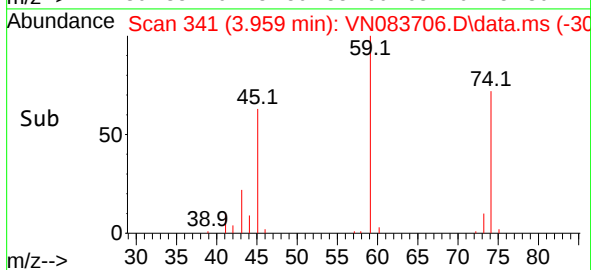
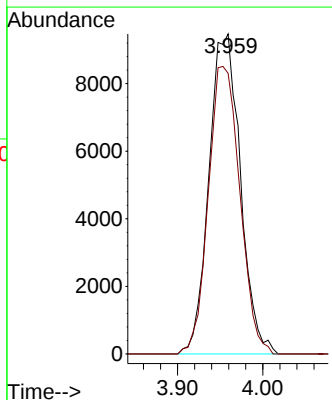
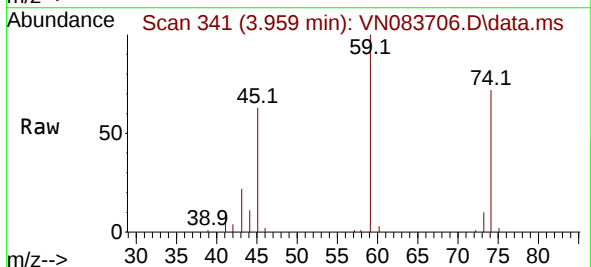
Reviewed By :John Carlone 09/10/2024
 Supervised By :Mahesh Dadoda 09/10/2024

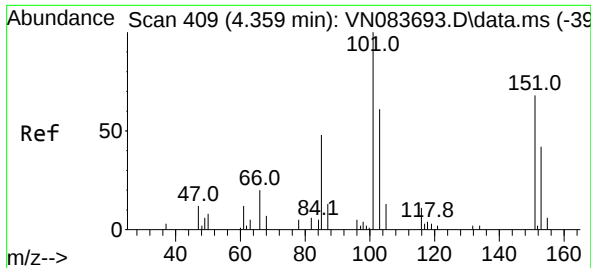
Supervised By :Mahesh
 Dadoda
 09/10/2024



#8
 Diethyl Ether
 Concen: 19.900 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN083706.D
 Acq: 09 Sep 2024 08:57

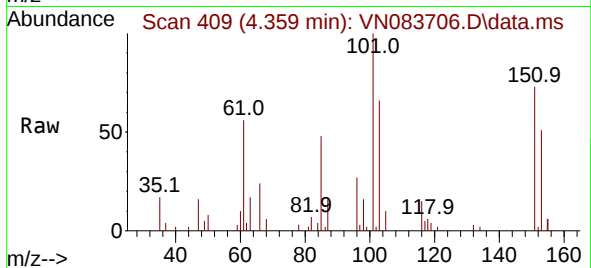
Tgt Ion: 74 Resp: 24246
 Ion Ratio Lower Upper
 74 100
 45 90.4 16.4 147.4





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.005 ug/l m
 RT: 4.359 min Scan# 409
 Delta R.T. -0.000 min
 Lab File: VN083706.D
 Acq: 09 Sep 2024 08:57

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 VSTDCCC020

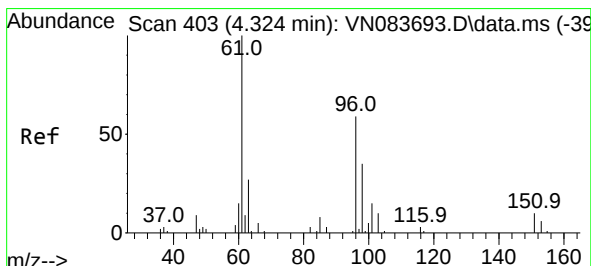
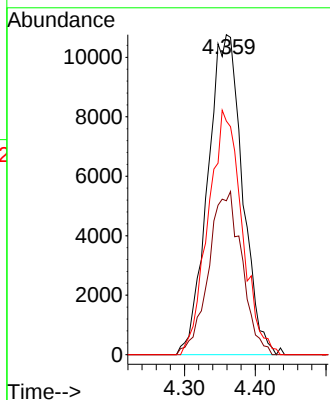
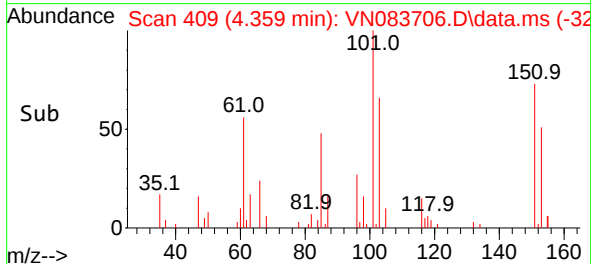


Tgt Ion:101 Resp: 3660
 Ion Ratio Lower Upper
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 151 74.4 0.0 157.6

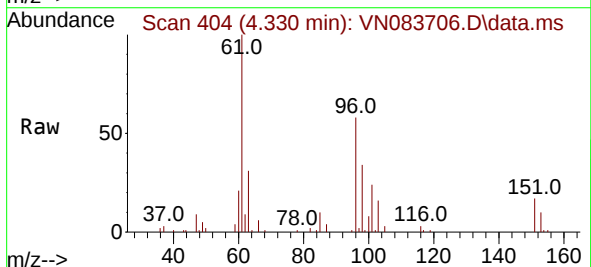
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 Supervised By :Mahesh Dadoda 09/10/2024

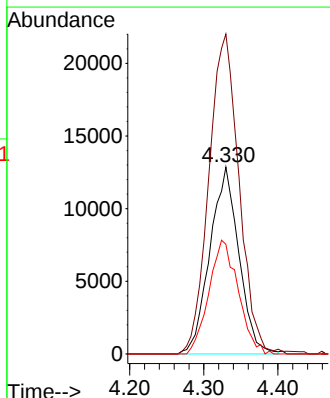
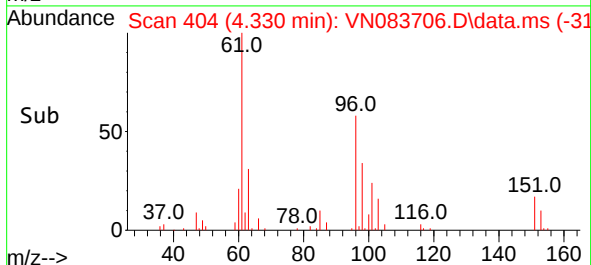
Supervised By :Mahesh
 Dadoda
 09/10/2024

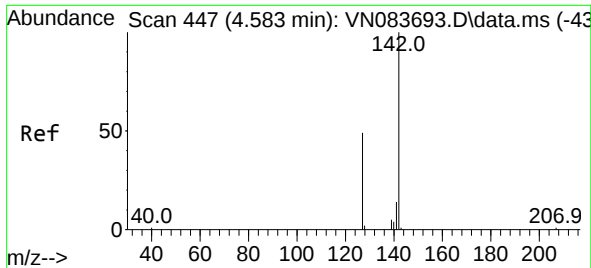


#10
 1,1-Dichloroethene
 Concen: 18.775 ug/l
 RT: 4.330 min Scan# 404
 Delta R.T. 0.006 min
 Lab File: VN083706.D
 Acq: 09 Sep 2024 08:57



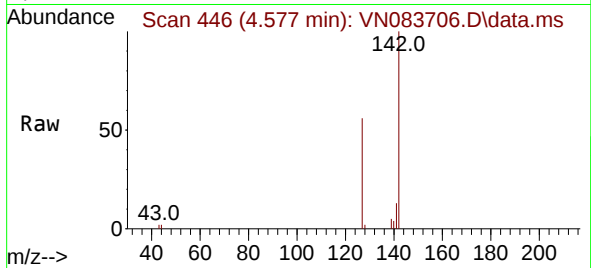
Tgt Ion: 96 Resp: 34892
 Ion Ratio Lower Upper
 96 100
 61 171.2 117.6 176.4
 98 58.6 48.4 72.6





#11
Methyl Iodide
Concen: 18.703 ug/l m
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

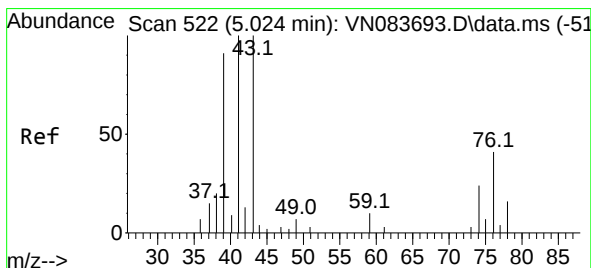
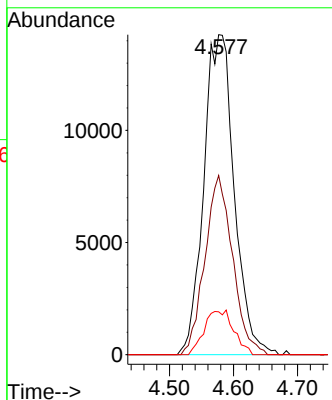
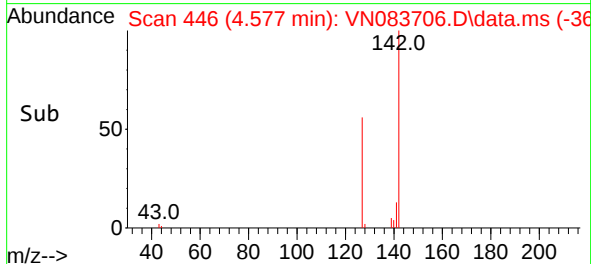


Tgt Ion:142 Resp: 4721
Ion Ratio Lower Upper
142 100
127 56.0 26.3 78.9
141 13.4 8.3 24.9

Manual Integrations
APPROVED

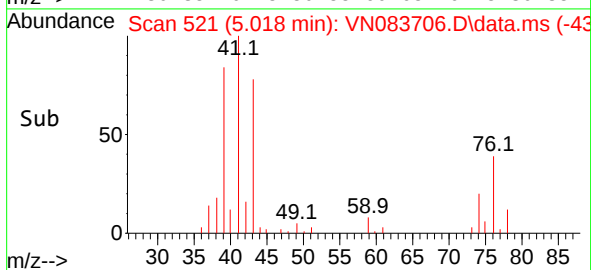
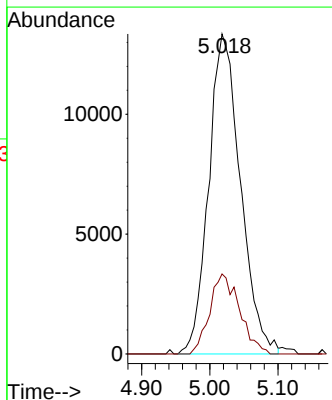
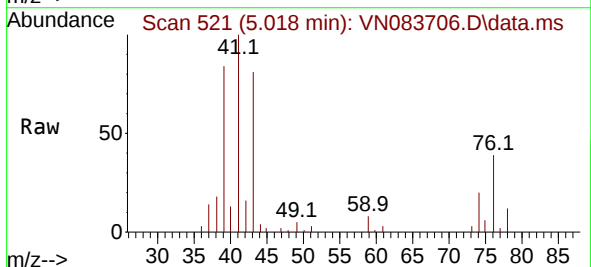
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

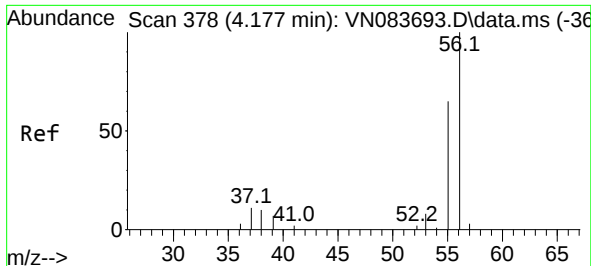
Supervised By :Mahesh
Dadoda
09/10/2024



#12
Methyl Acetate
Concen: 19.319 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Tgt Ion: 43 Resp: 43298
Ion Ratio Lower Upper
43 100
74 25.2 27.7 41.5#





#13

Acrolein

Concen: 109.778 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN083706.D

Acq: 09 Sep 2024 08:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 56 Resp: 3590

Ion Ratio Lower Upper

56 100

55 69.6 55.5 83.3

Manual Integrations

APPROVED

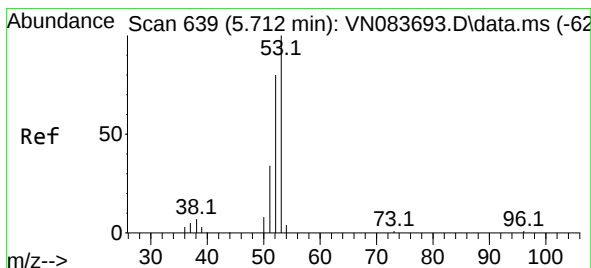
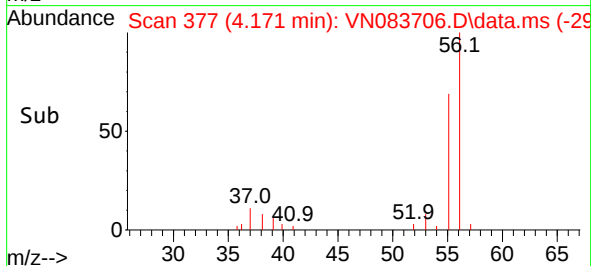
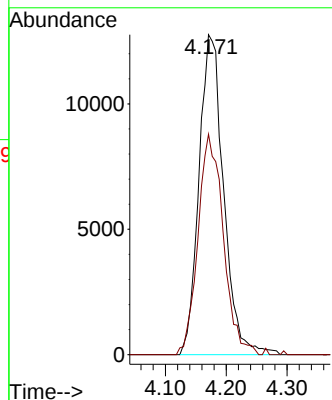
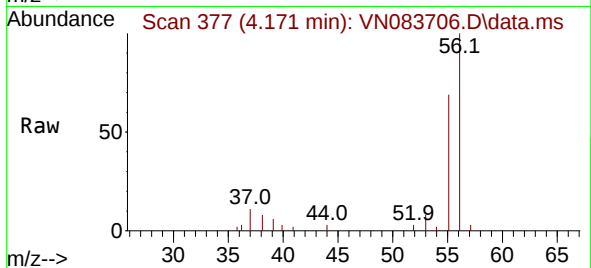
Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024

Supervised By :Mahesh

Dadoda

09/10/2024



#14

Acrylonitrile

Concen: 103.754 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.000 min

Lab File: VN083706.D

Acq: 09 Sep 2024 08:57

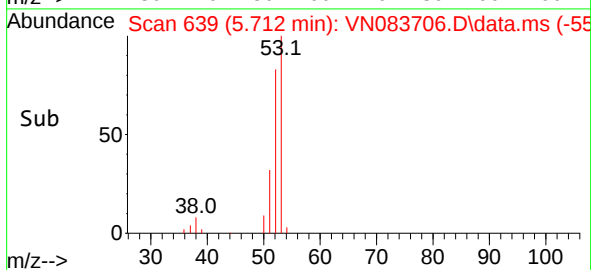
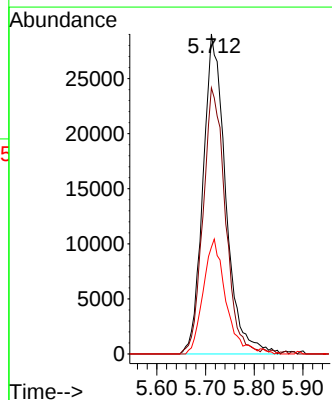
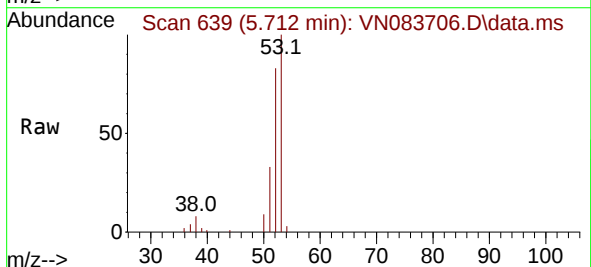
Tgt Ion: 53 Resp: 94104

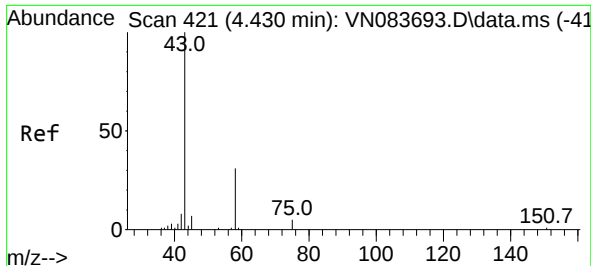
Ion Ratio Lower Upper

53 100

52 81.3 41.3 123.9

51 34.3 16.8 50.3





#15

Acetone

Concen: 118.098 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN083706.D

Acq: 09 Sep 2024 08:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 58 Resp: 3553

Ion Ratio Lower Upper

58 100

43 293.7 223.1 334.7

Manual Integrations

APPROVED

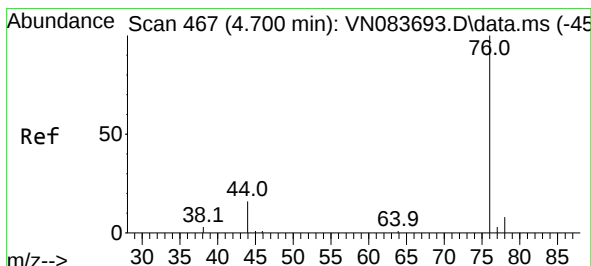
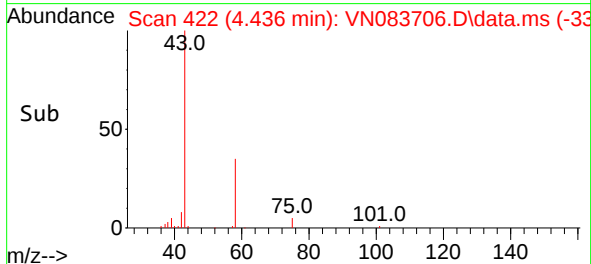
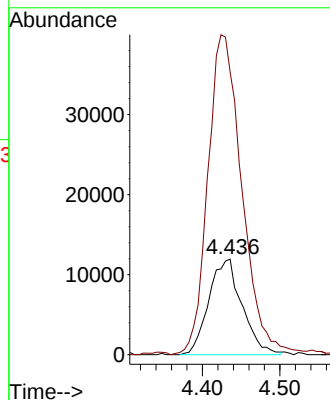
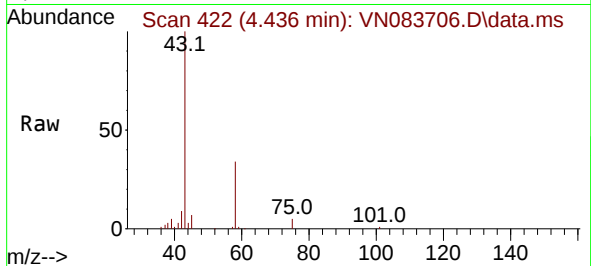
Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024

Supervised By :Mahesh

Dadoda

09/10/2024



#16

Carbon Disulfide

Concen: 18.299 ug/l

RT: 4.700 min Scan# 467

Delta R.T. -0.000 min

Lab File: VN083706.D

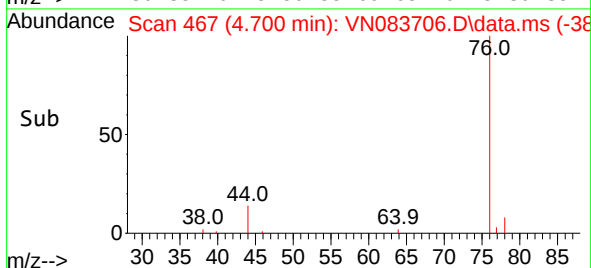
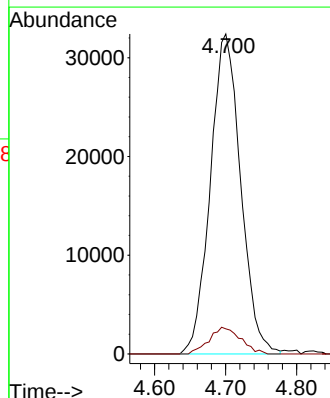
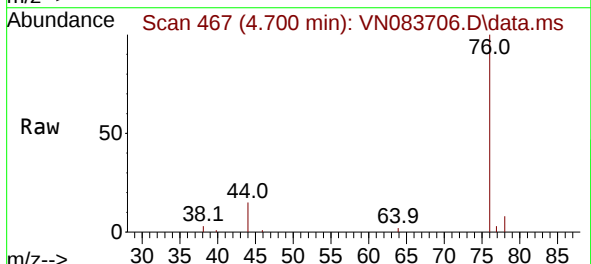
Acq: 09 Sep 2024 08:57

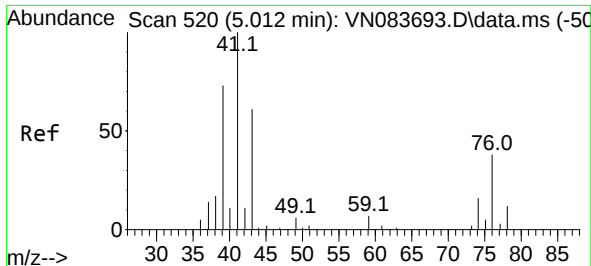
Tgt Ion: 76 Resp: 96107

Ion Ratio Lower Upper

76 100

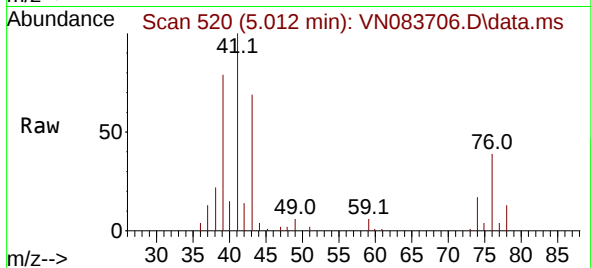
78 7.8 6.3 9.5





#17
 Allyl chloride
 Concen: 19.419 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN083706.D
 Acq: 09 Sep 2024 08:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

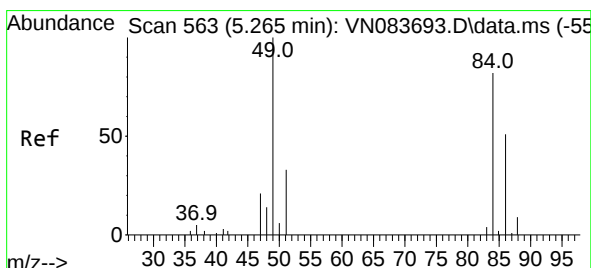
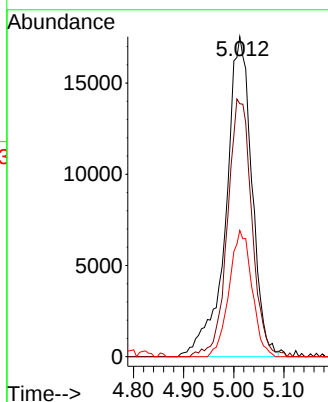
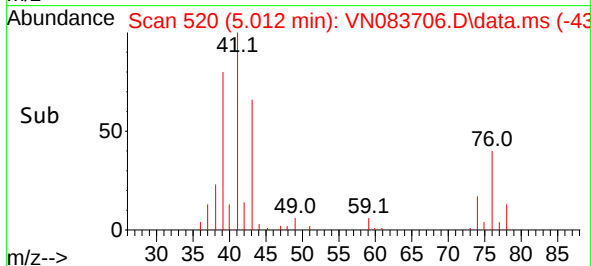


Tgt Ion: 41 Resp: 63280
 Ion Ratio Lower Upper
 41 100
 39 79.1 37.6 112.9
 76 39.5 27.8 83.4

Manual Integrations
 APPROVED

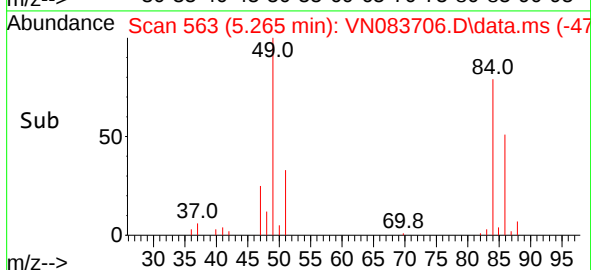
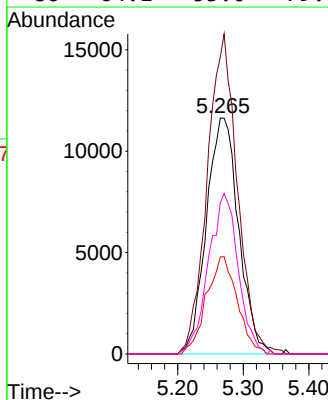
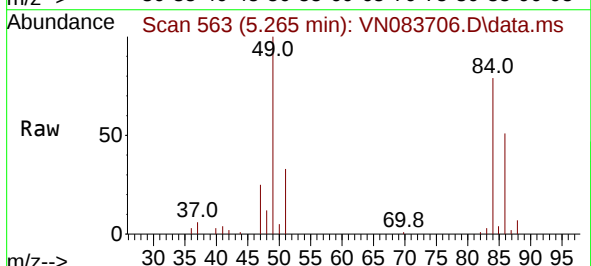
Reviewed By :John Carlone 09/10/2024
 Supervised By :Mahesh Dadoda 09/10/2024

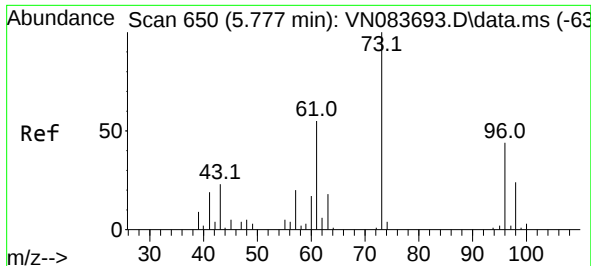
Supervised By :Mahesh
 Dadoda
 09/10/2024



#18
 Methylene Chloride
 Concen: 19.512 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.000 min
 Lab File: VN083706.D
 Acq: 09 Sep 2024 08:57

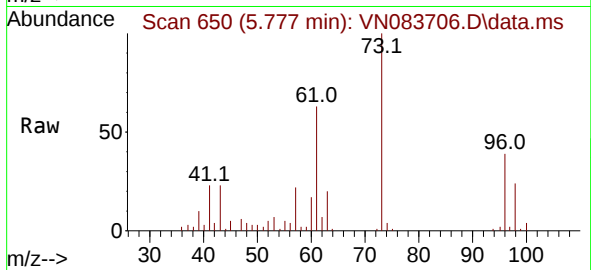
Tgt Ion: 84 Resp: 39672
 Ion Ratio Lower Upper
 84 100
 49 125.9 86.0 129.0
 51 41.1 30.0 45.0
 86 64.1 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 18.559 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

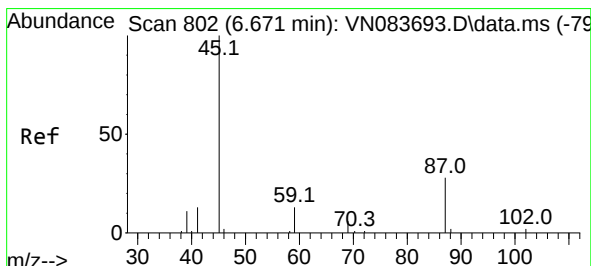
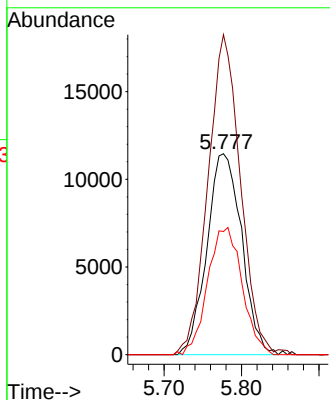
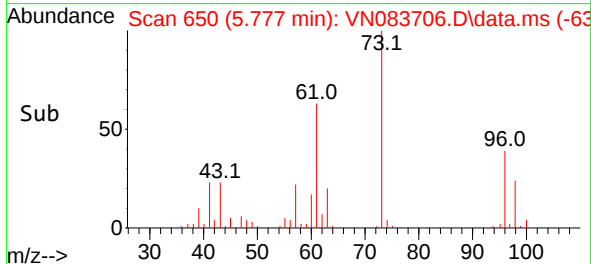


Tgt Ion: 96 Resp: 3574
Ion Ratio Lower Upper
96 100
61 157.3 111.8 167.6
98 61.3 49.2 73.8

Manual Integrations
APPROVED

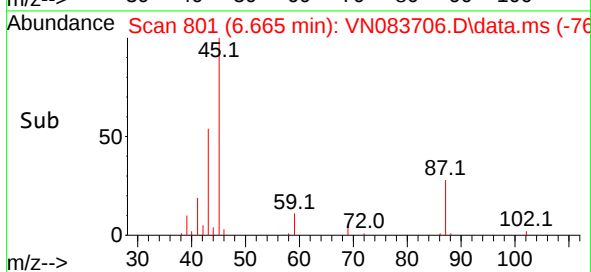
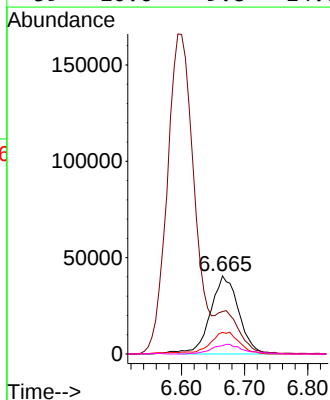
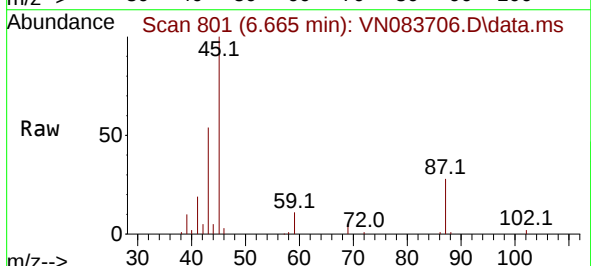
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

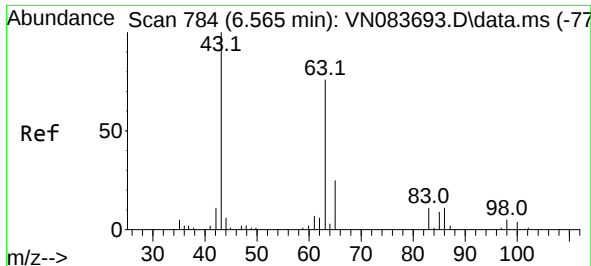
Supervised By :Mahesh
Dadoda
09/10/2024



#20
Diisopropyl ether
Concen: 18.969 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

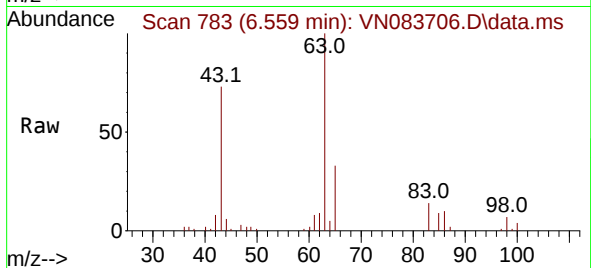
Tgt Ion: 45 Resp: 124845
Ion Ratio Lower Upper
45 100
43 53.6 40.4 60.6
87 27.9 23.8 35.8
59 10.6 9.8 14.6





#21
1,1-Dichloroethane
Concen: 19.216 ug/l
RT: 6.559 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

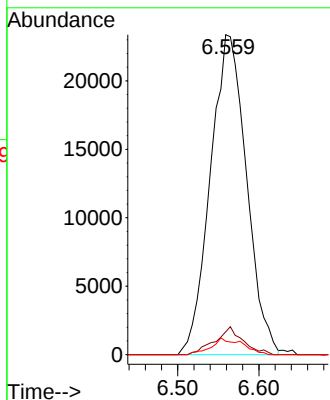
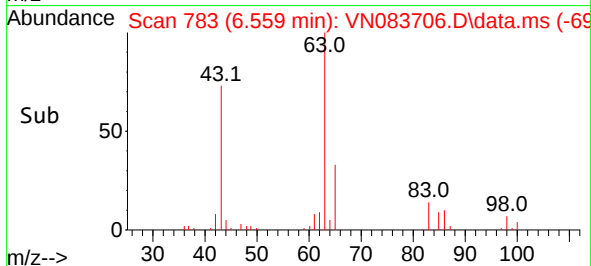
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



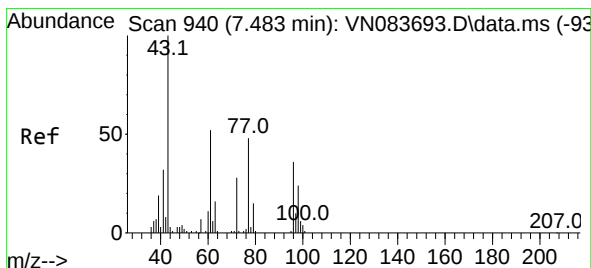
Tgt Ion: 63 Resp: 72208
Ion Ratio Lower Upper
63 100
98 7.1 4.1 12.3
100 4.2 3.0 9.0

Manual Integrations
APPROVED

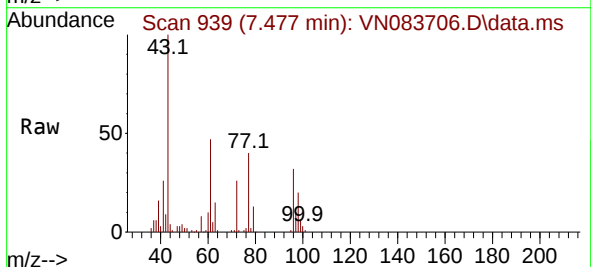
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



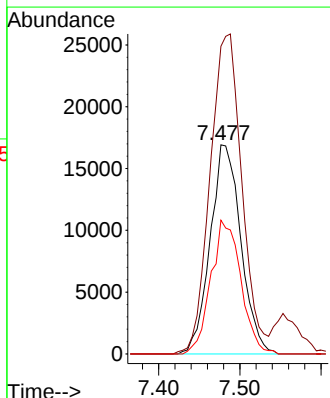
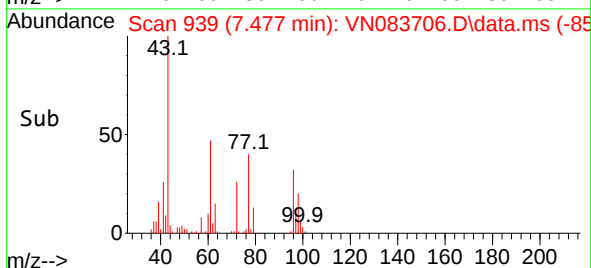
Supervised By :Mahesh
Dadoda
09/10/2024

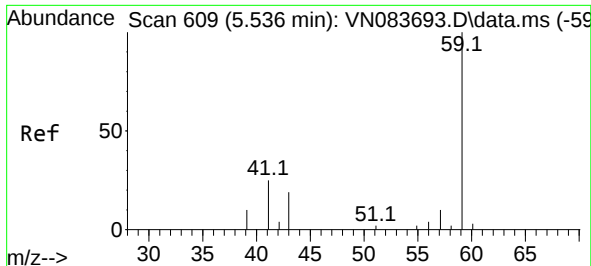


#22
cis-1,2-Dichloroethene
Concen: 18.989 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57



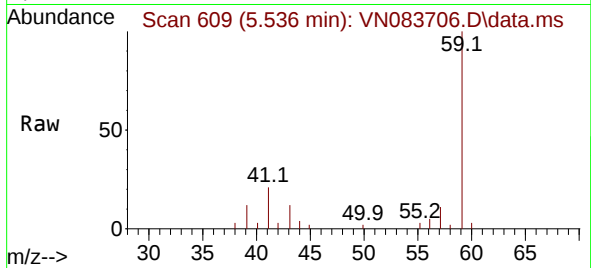
Tgt Ion: 96 Resp: 44516
Ion Ratio Lower Upper
96 100
61 158.3 113.5 170.3
98 62.3 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 109.997 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

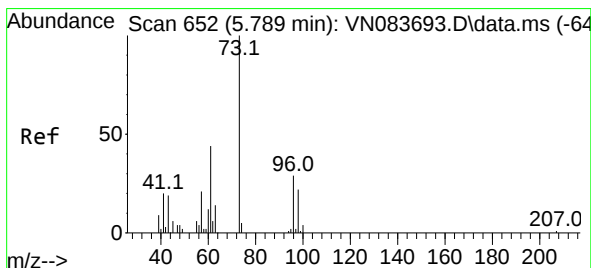
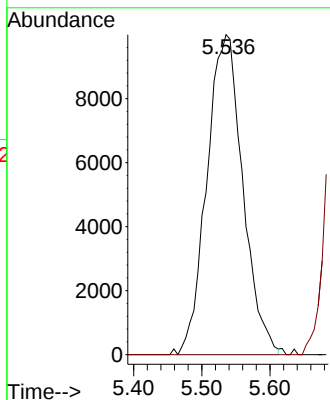


Tgt Ion: 59 Resp: 36610
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

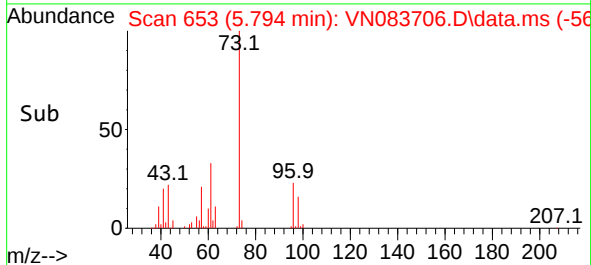
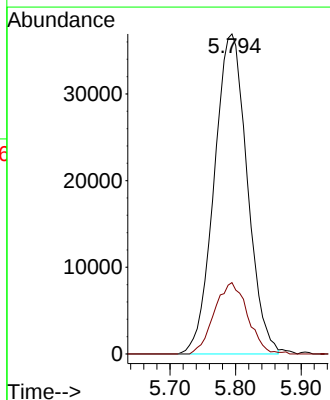
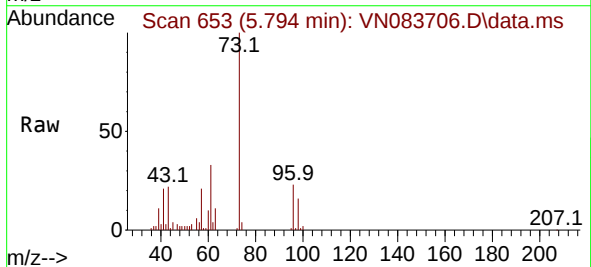
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

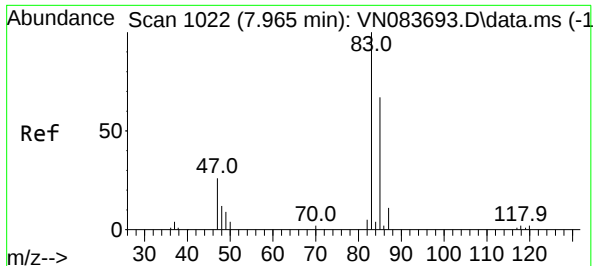
Supervised By :Mahesh
Dadoda
09/10/2024



#24
Methyl tert-Butyl Ether
Concen: 19.544 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Tgt Ion: 73 Resp: 129074
Ion Ratio Lower Upper
73 100
43 22.4 13.4 20.2#





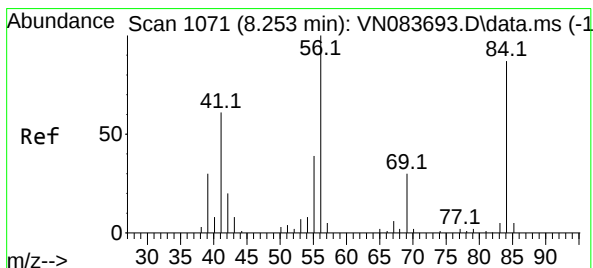
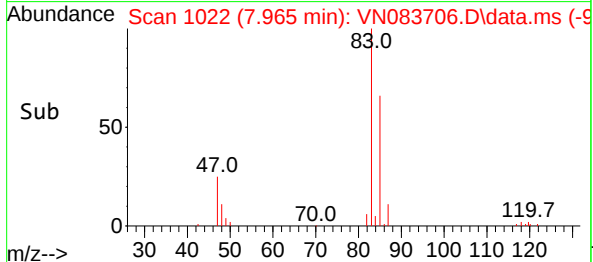
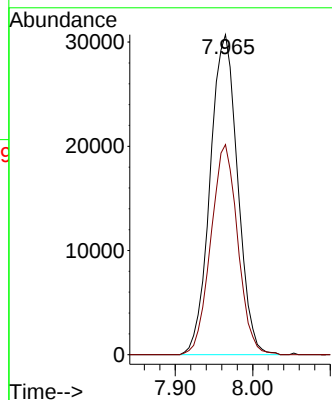
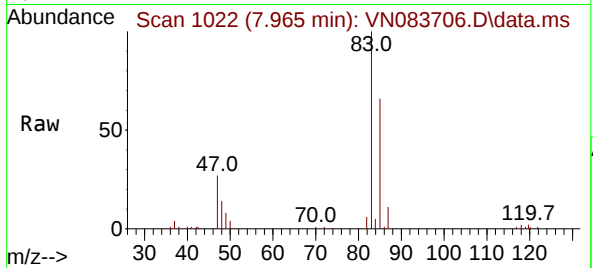
#25
Chloroform
Concen: 19.007 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 7568
Ion Ratio Lower Upper
83 100
85 65.7 50.9 76.3

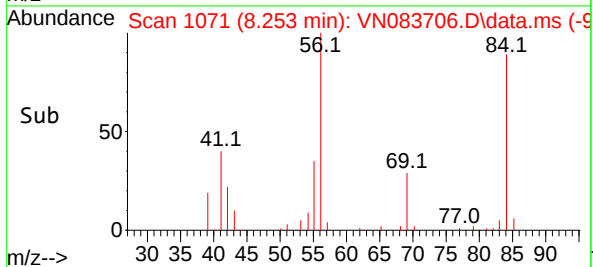
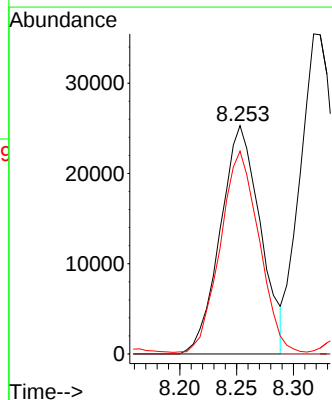
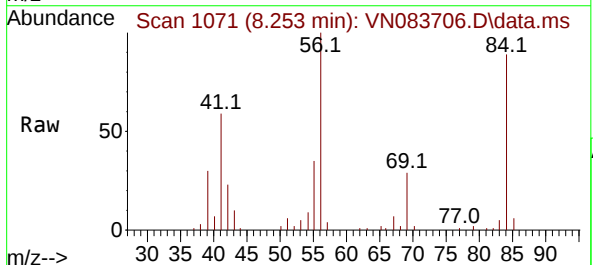
Manual Integrations
APPROVED

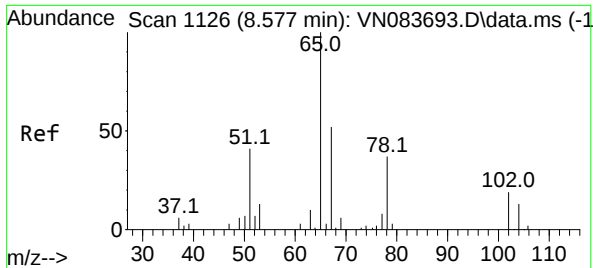
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#26
Cyclohexane
Concen: 18.735 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

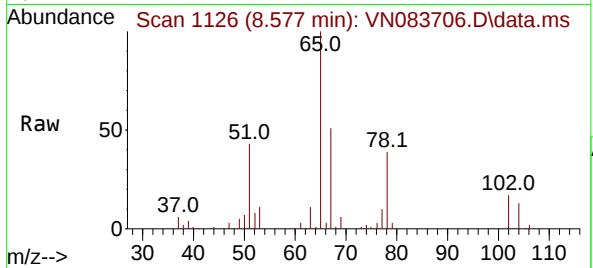
Tgt Ion: 56 Resp: 62003
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 86.8 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 30.387 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

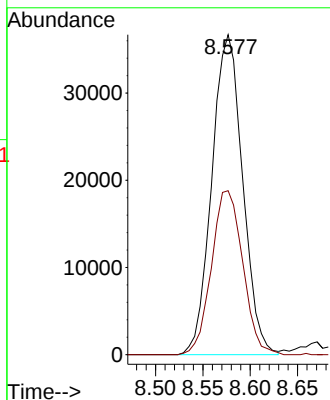
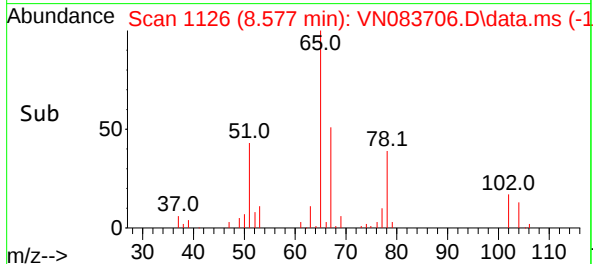
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



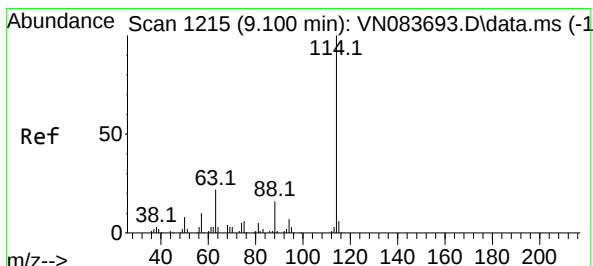
Tgt Ion: 65 Resp: 83052
Ion Ratio Lower Upper
65 100
67 52.0 43.2 64.8

Manual Integrations
APPROVED

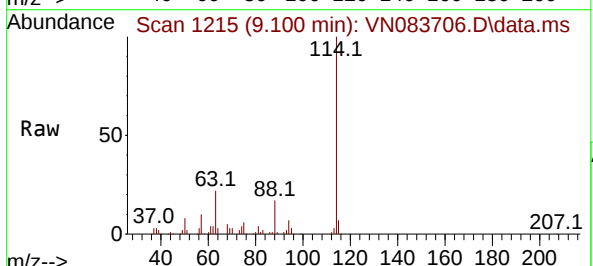
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



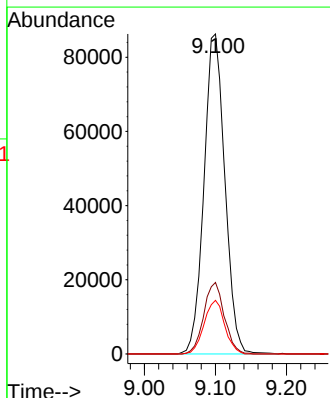
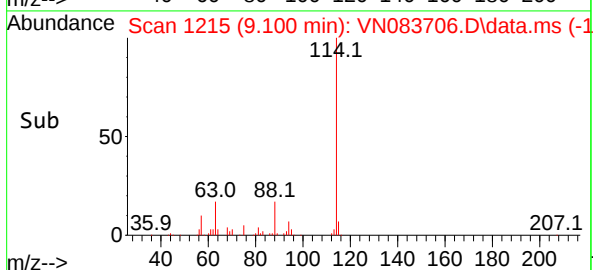
Supervised By :Mahesh
Dadoda
09/10/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57



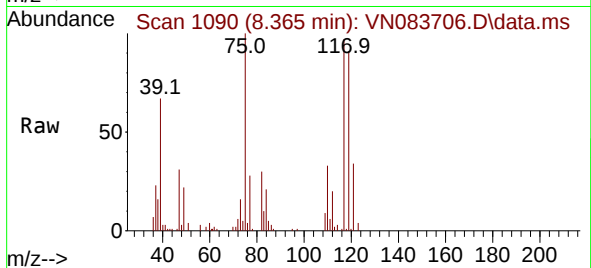
Tgt Ion:114 Resp: 176779
Ion Ratio Lower Upper
114 100
63 21.9 15.9 23.9
88 16.5 12.7 19.1





#29
1,1-Dichloropropene
Concen: 18.638 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

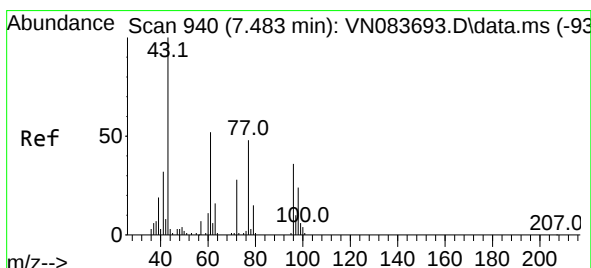
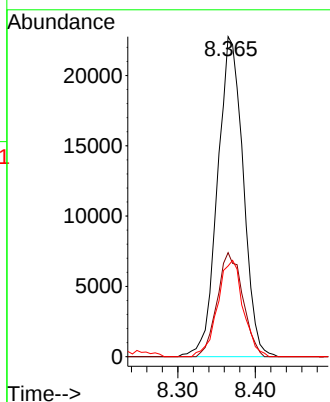
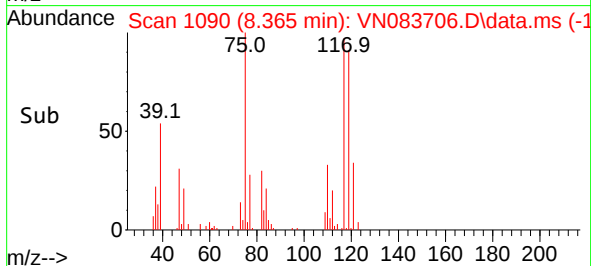


Tgt Ion: 75	Resp: 5226
Ion Ratio	Lower Upper
75 100	
110 32.5	0.0 70.2
77 30.1	0.0 61.4

Manual Integrations
APPROVED

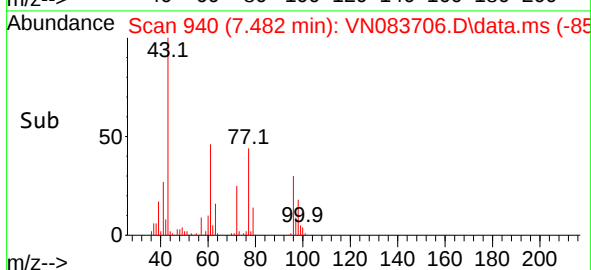
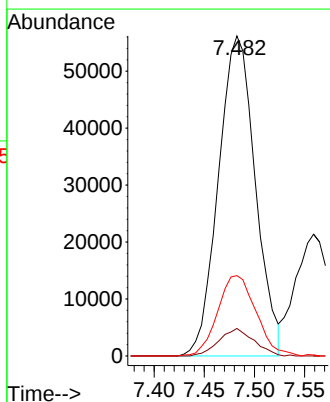
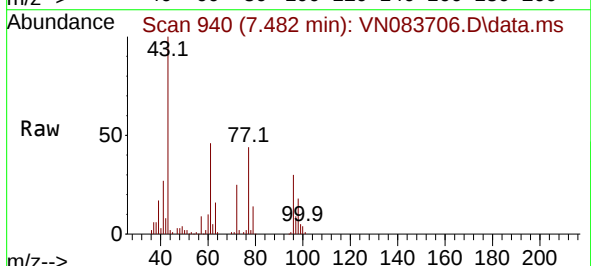
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

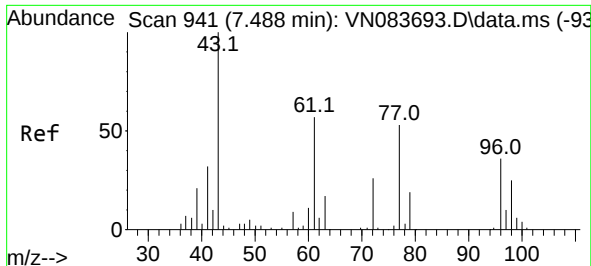
Supervised By :Mahesh
Dadoda
09/10/2024



#30
2-Butanone
Concen: 108.902 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Tgt Ion: 43	Resp: 143941
Ion Ratio	Lower Upper
43 100	
57 8.1	6.7 10.1
72 26.0	24.0 36.0





#31

2,2-Dichloropropane

Concen: 19.483 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN083706.D

Acq: 09 Sep 2024 08:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 77 Resp: 69649

Ion Ratio Lower Upper

77 100

97 10.3 18.3 27.5

Manual Integrations

APPROVED

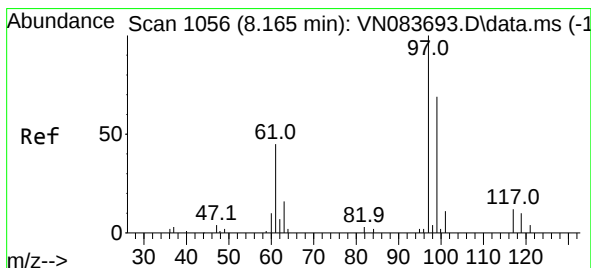
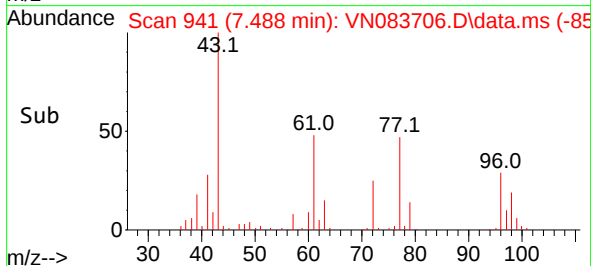
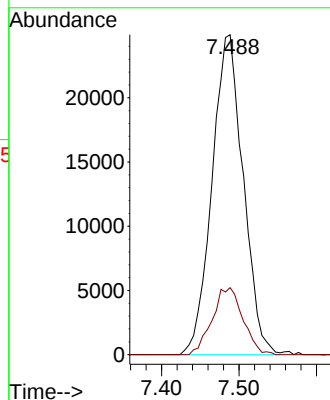
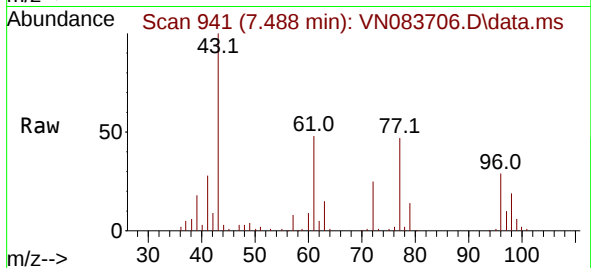
Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024

Supervised By :Mahesh

Dadoda

09/10/2024



#32

1,1,1-Trichloroethane

Concen: 19.053 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083706.D

Acq: 09 Sep 2024 08:57

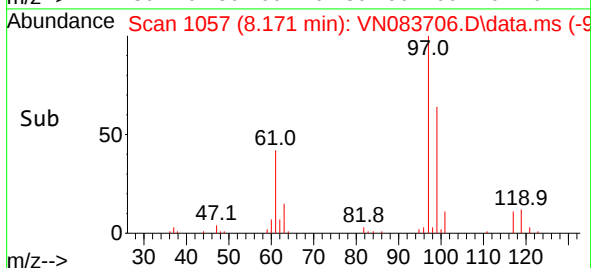
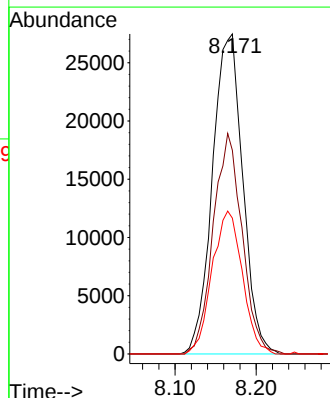
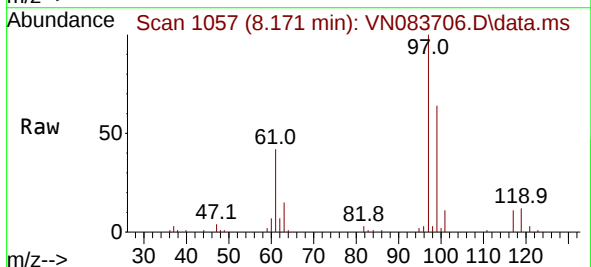
Tgt Ion: 97 Resp: 71346

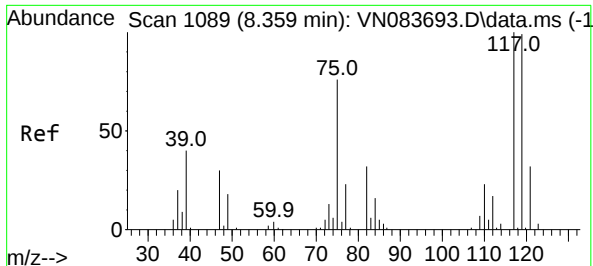
Ion Ratio Lower Upper

97 100

99 65.6 51.0 76.4

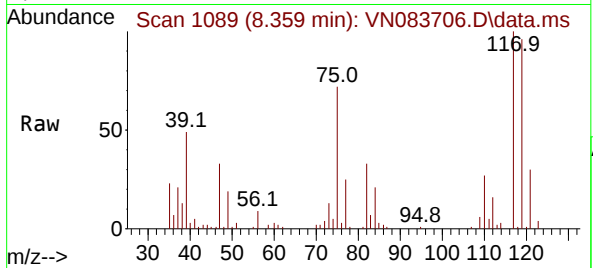
61 44.6 33.8 50.8





#33
Carbon Tetrachloride
Concen: 18.847 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

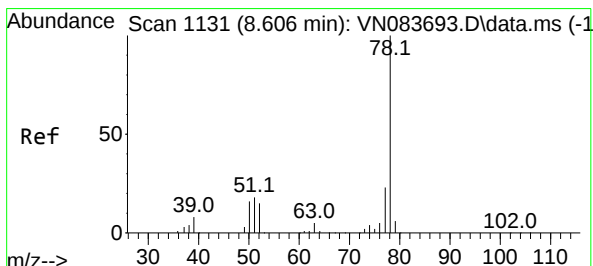
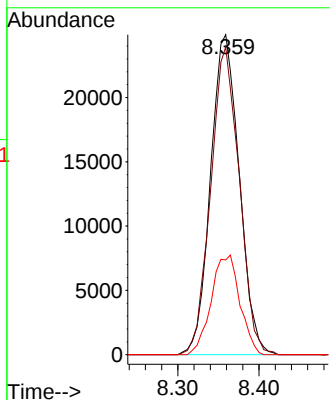
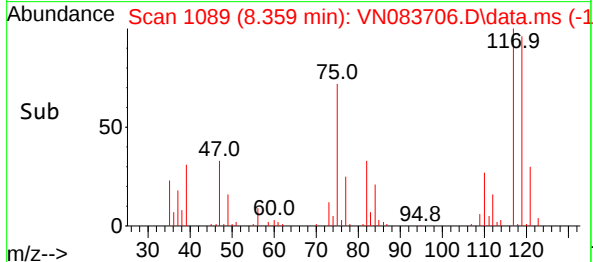


Tgt Ion:117 Resp: 61119
Ion Ratio Lower Upper
117 100
119 96.1 77.7 116.5
121 29.6 27.0 40.6

Manual Integrations
APPROVED

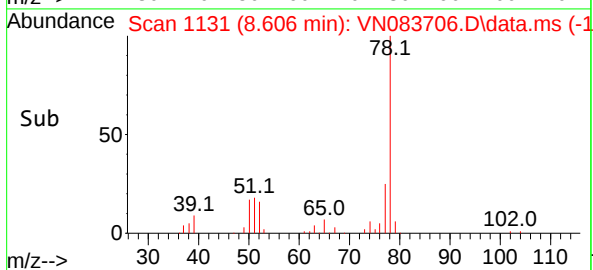
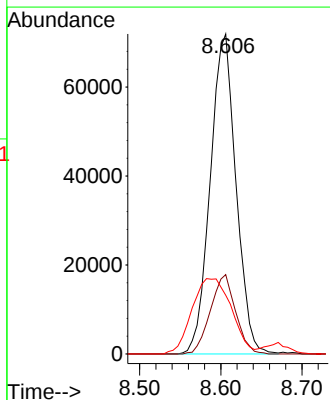
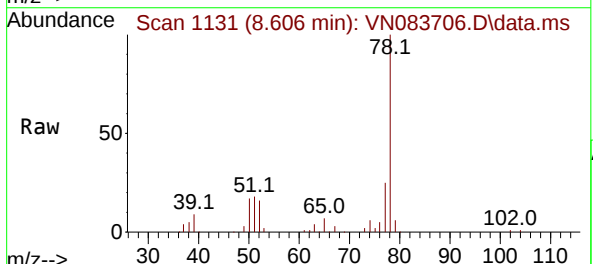
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

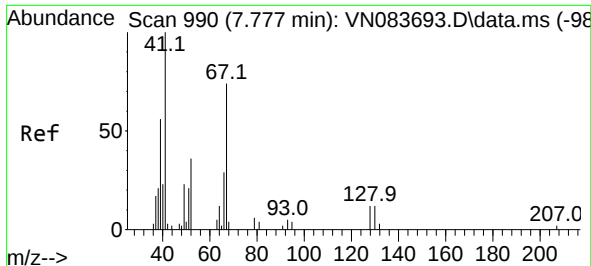
Supervised By :Mahesh
Dadoda
09/10/2024



#34
Benzene
Concen: 18.864 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Tgt Ion: 78 Resp: 158704
Ion Ratio Lower Upper
78 100
77 24.8 19.2 28.8
51 15.9 13.3 19.9





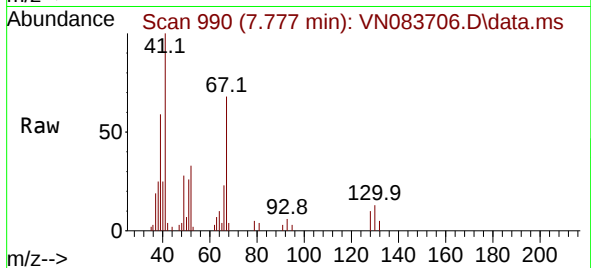
#35
Methacrylonitrile
Concen: 18.787 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 41 Resp: 27914
Ion Ratio Lower Upper
41 100
39 59.3 25.3 75.9
67 67.9 38.7 116.1
52 32.6 13.6 40.8

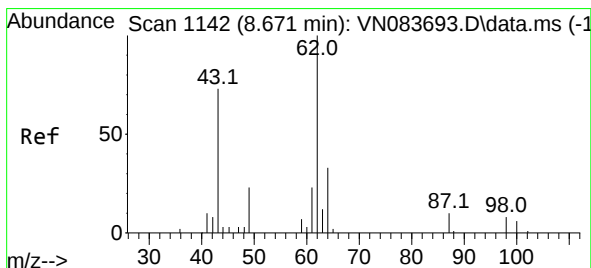
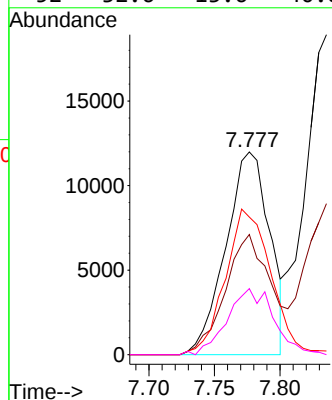
Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

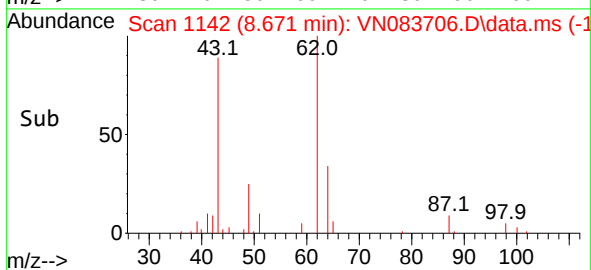
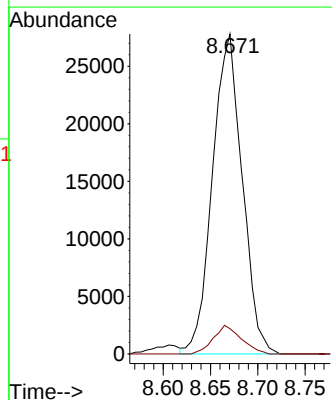
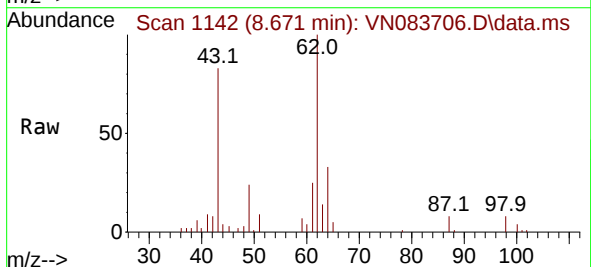
Supervised By :Mahesh Dadoda 09/10/2024

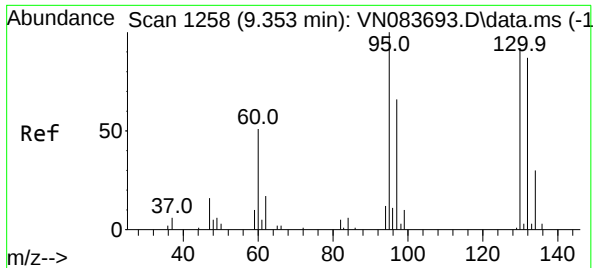
Supervised By :Mahesh
Dadoda
09/10/2024



#36
1,2-Dichloroethane
Concen: 19.185 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

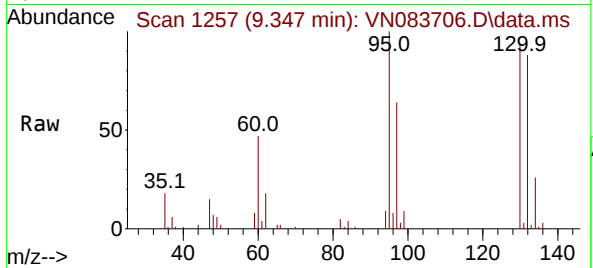
Tgt Ion: 62 Resp: 60679
Ion Ratio Lower Upper
62 100
98 8.4 8.2 12.4





#37
Trichloroethene
Concen: 18.680 ug/l
RT: 9.347 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

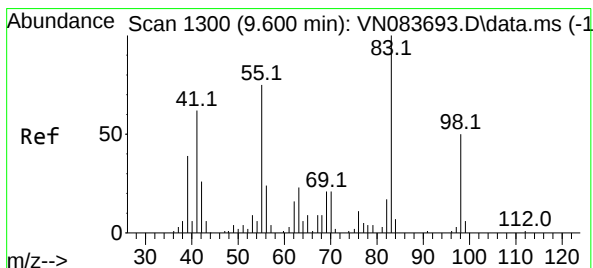
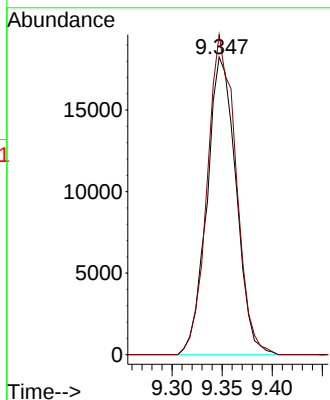


Tgt Ion:130 Resp: 3690
Ion Ratio Lower Upper
130 100
95 107.5 80.2 120.4

Manual Integrations
APPROVED

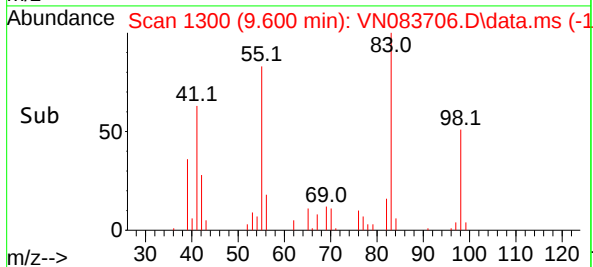
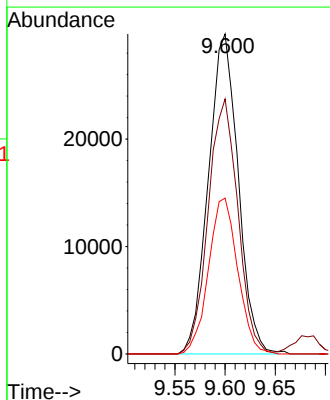
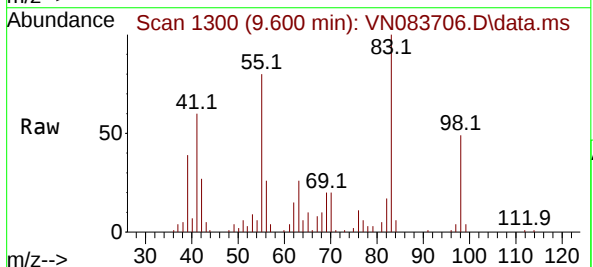
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

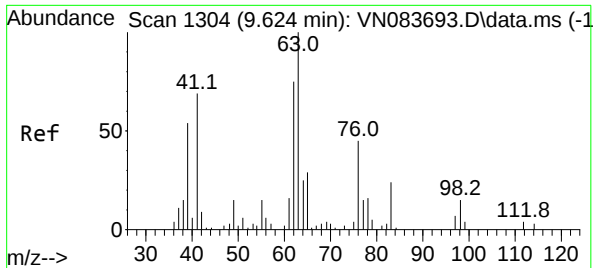
Supervised By :Mahesh
Dadoda
09/10/2024



#38
Methylcyclohexane
Concen: 18.325 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

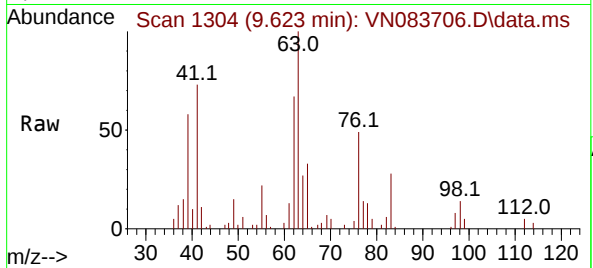
Tgt Ion: 83 Resp: 61515
Ion Ratio Lower Upper
83 100
55 79.4 36.6 109.9
98 47.9 23.8 71.5





#39
1,2-Dichloropropane
Concen: 19.298 ug/l
RT: 9.623 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

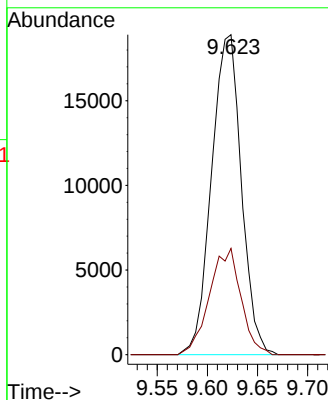
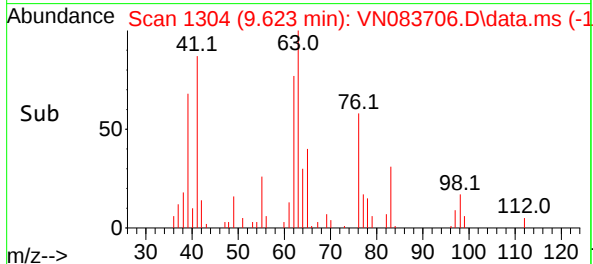
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



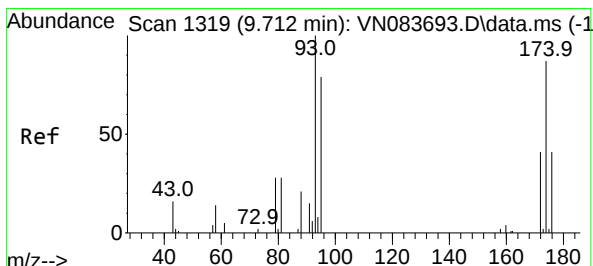
Tgt Ion: 63 Resp: 3907
Ion Ratio Lower Upper
63 100
65 33.2 25.0 37.4

Manual Integrations
APPROVED

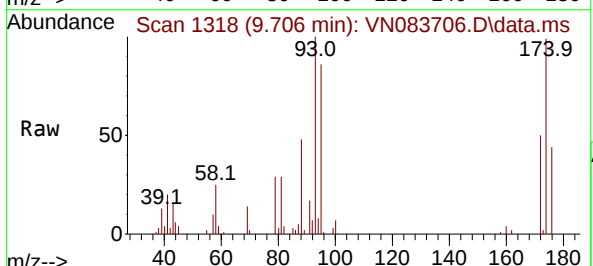
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



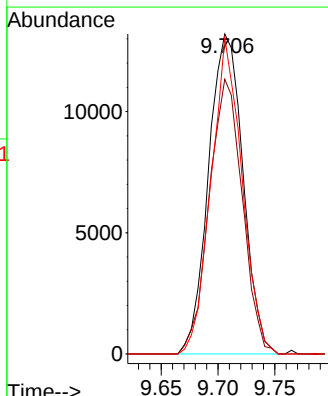
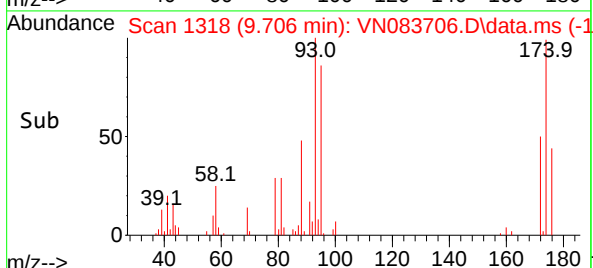
Supervised By :Mahesh
Dadoda
09/10/2024

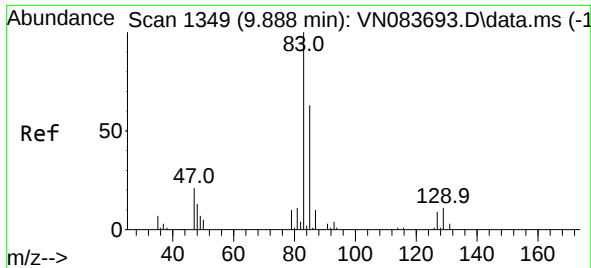


#40
Dibromomethane
Concen: 18.822 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57



Tgt Ion: 93 Resp: 27867
Ion Ratio Lower Upper
93 100
95 82.5 0.0 164.6
174 88.7 0.0 193.2





#41
Bromodichloromethane
Concen: 19.073 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

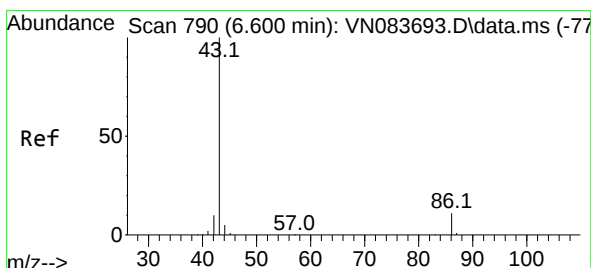
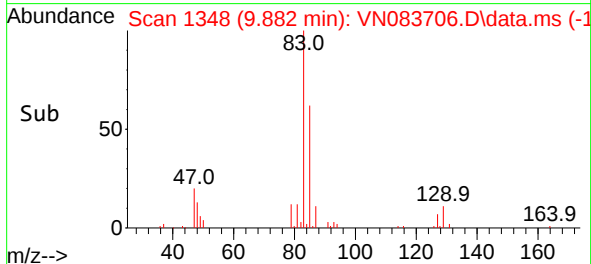
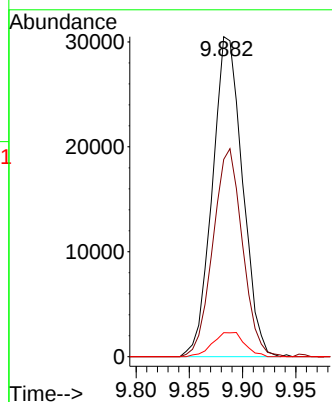
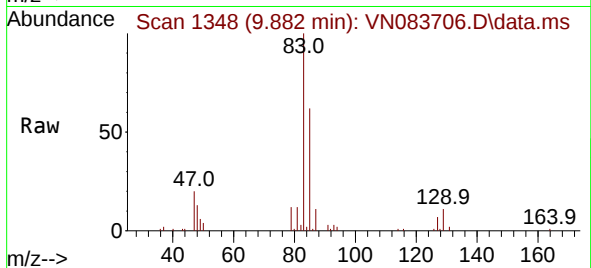
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 60049
Ion Ratio Lower Upper
83 100
85 61.6 49.4 74.2
127 7.5 7.3 10.9

Manual Integrations
APPROVED

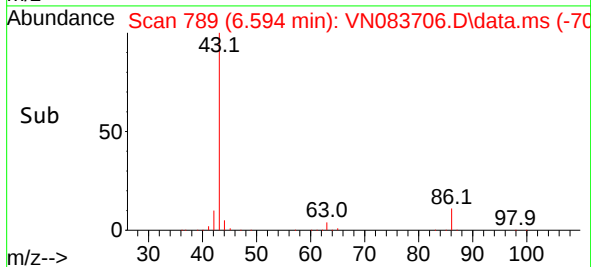
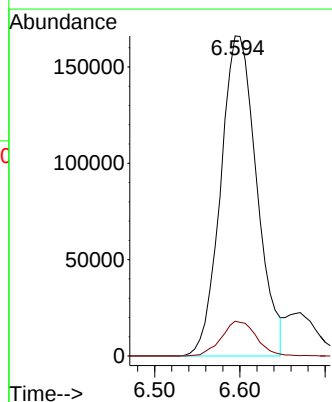
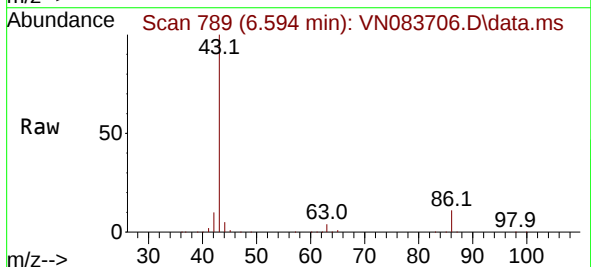
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

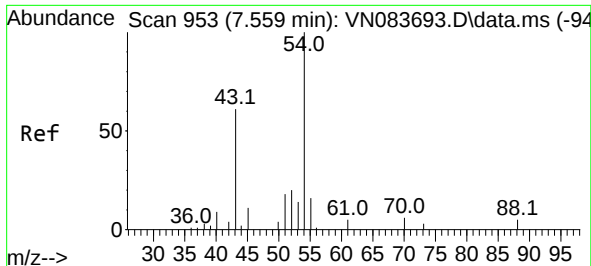
Supervised By :Mahesh
Dadoda
09/10/2024



#42
Vinyl Acetate
Concen: 89.959 ug/l
RT: 6.594 min Scan# 789
Delta R.T. -0.006 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

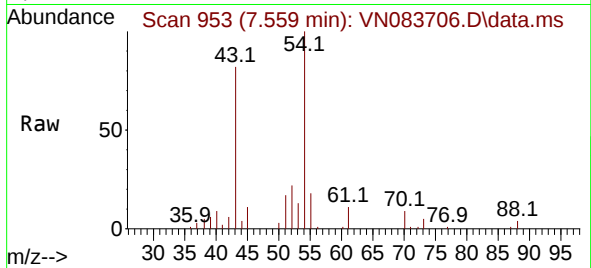
Tgt Ion: 43 Resp: 488870
Ion Ratio Lower Upper
43 100
86 10.5 9.4 14.2





#43
Ethyl Acetate
Concen: 20.855 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

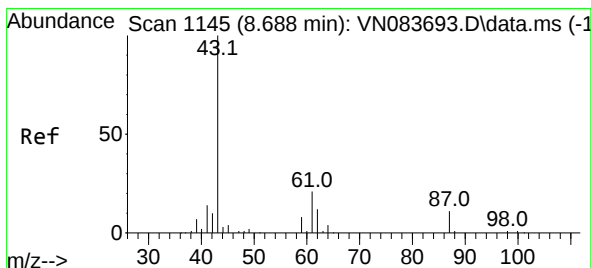
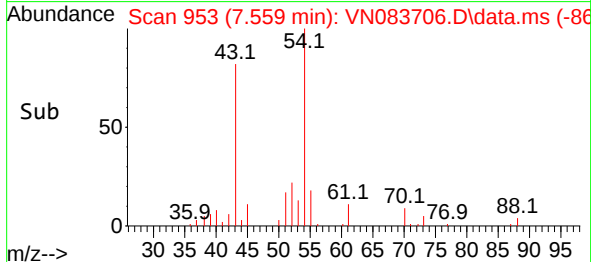
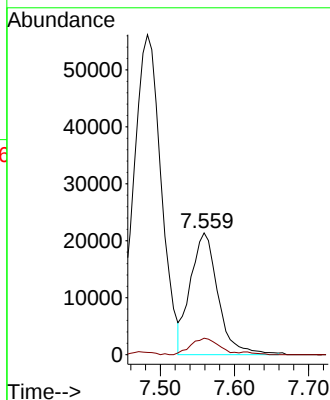


Tgt Ion: 43 Resp: 5548
Ion Ratio Lower Upper
43 100
45 13.2 10.6 15.8

Manual Integrations
APPROVED

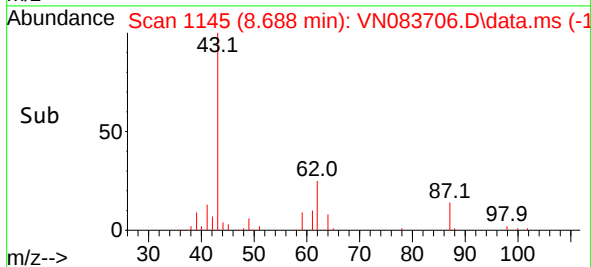
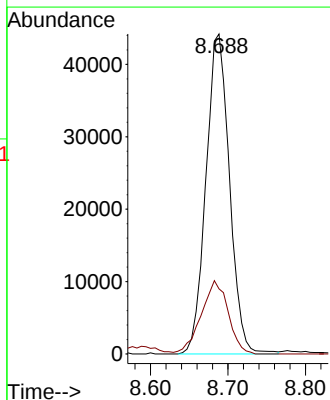
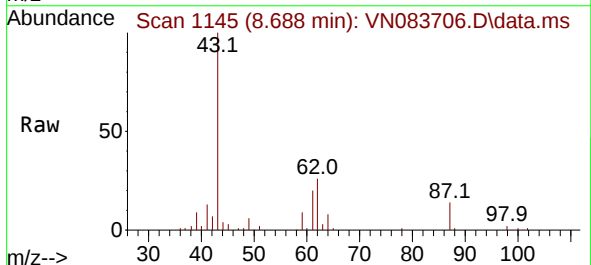
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

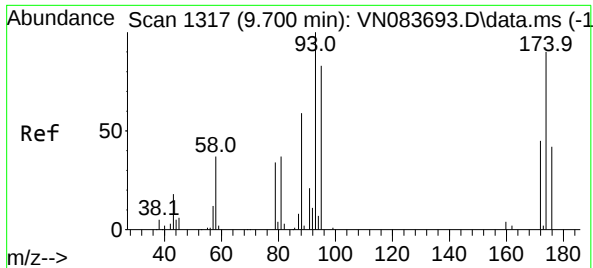
Supervised By :Mahesh
Dadoda
09/10/2024



#44
Isopropyl Acetate
Concen: 20.299 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

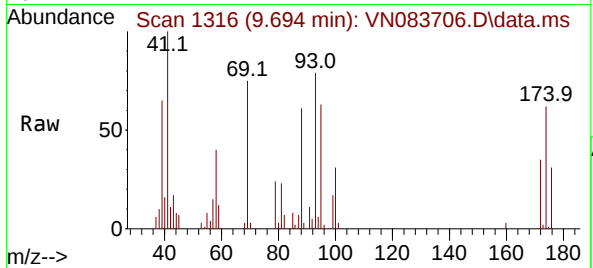
Tgt Ion: 43 Resp: 93405
Ion Ratio Lower Upper
43 100
61 26.2 25.0 37.4





#45
1,4-Dioxane
Concen: 433.581 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

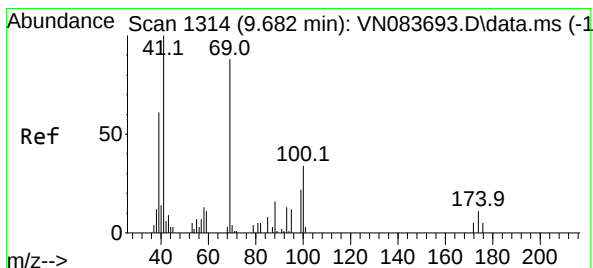
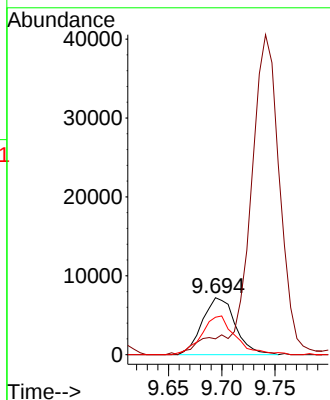
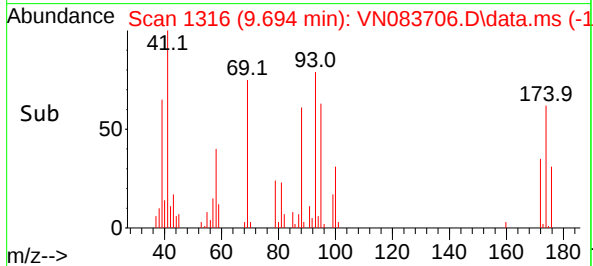


Tgt Ion: 88 Resp: 1556
Ion Ratio Lower Upper
88 100
43 10.4 19.8 29.6
58 68.1 55.4 83.0

Manual Integrations
APPROVED

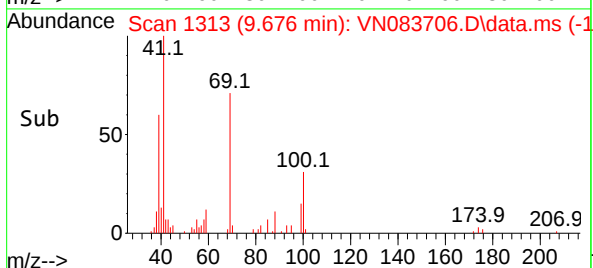
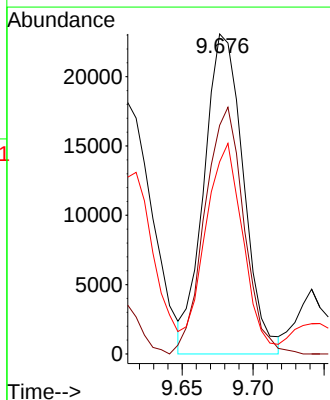
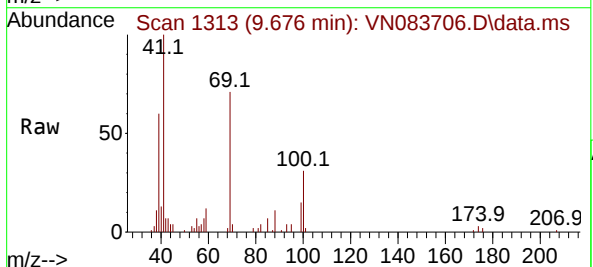
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

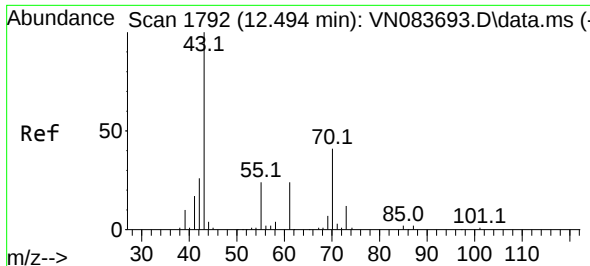
Supervised By :Mahesh
Dadoda
09/10/2024



#46
Methyl methacrylate
Concen: 20.038 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Tgt Ion: 41 Resp: 44628
Ion Ratio Lower Upper
41 100
69 73.7 51.1 153.3
39 60.3 25.8 77.3





#47

n-amy1 Acetate

Concen: 19.593 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN083706.D

Acq: 09 Sep 2024 08:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 7985

Ion Ratio Lower Upper

43 100

55 23.8 23.4 35.2

Manual Integrations

APPROVED

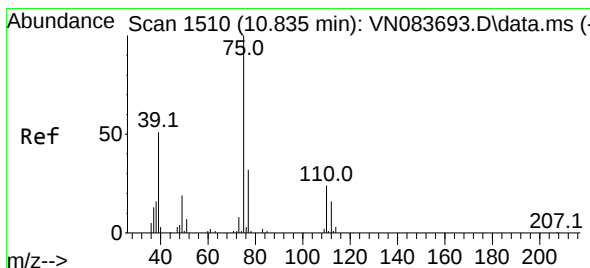
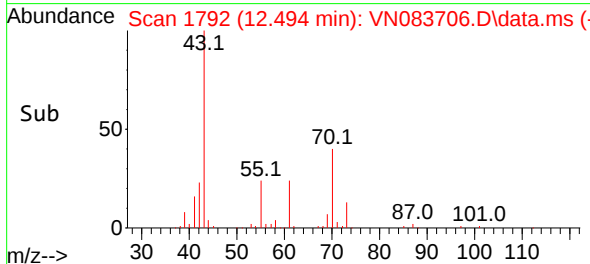
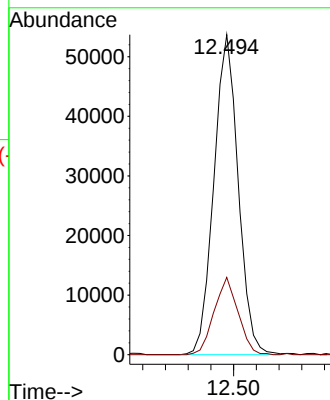
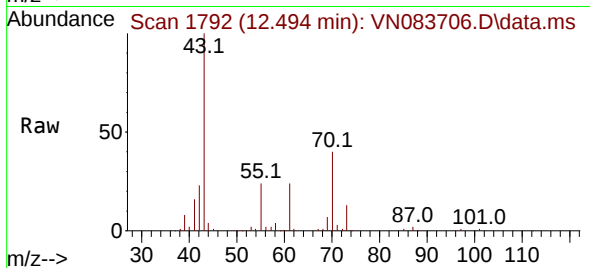
Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024

Supervised By :Mahesh

Dadoda

09/10/2024



#48

t-1,3-Dichloropropene

Concen: 18.200 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN083706.D

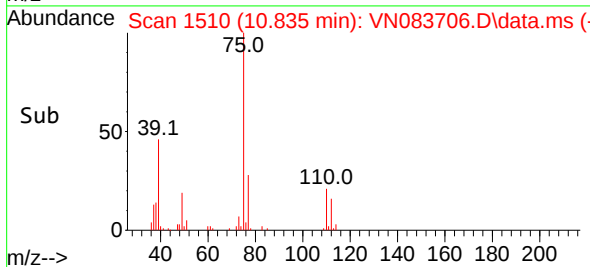
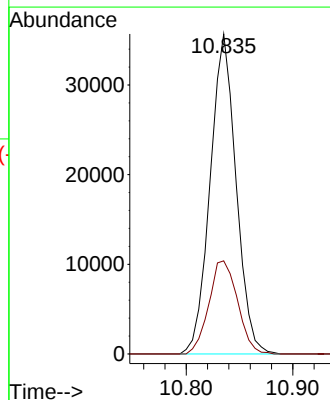
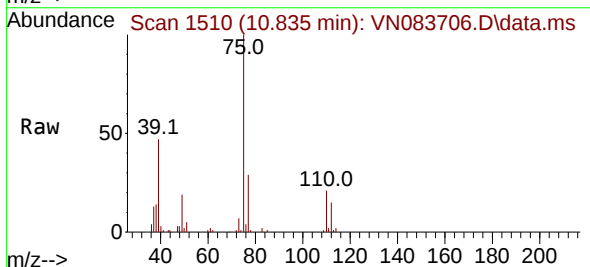
Acq: 09 Sep 2024 08:57

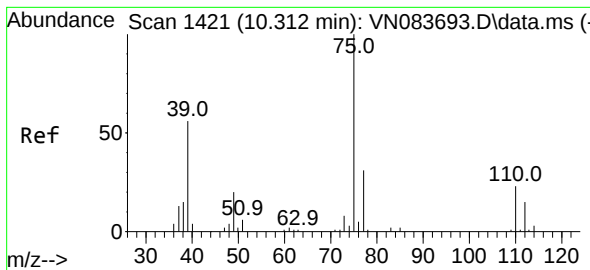
Tgt Ion: 75 Resp: 60272

Ion Ratio Lower Upper

75 100

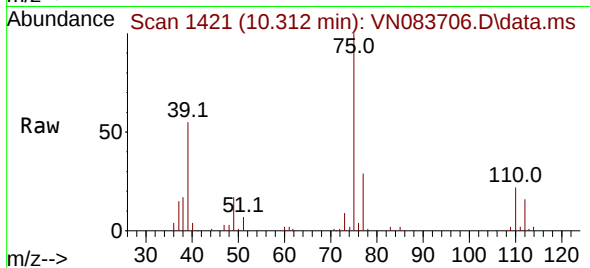
77 29.1 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 18.702 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN083706.D
 Acq: 09 Sep 2024 08:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

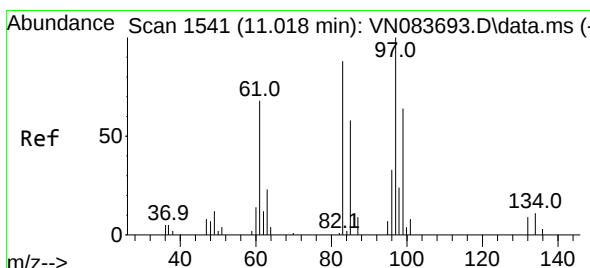
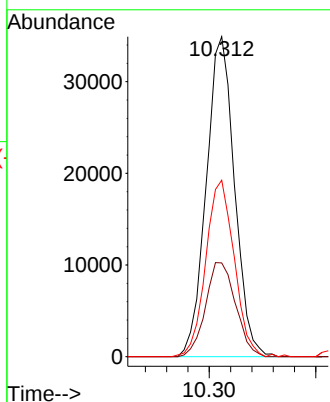
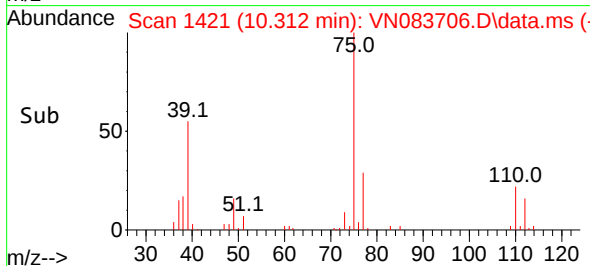


Tgt Ion: 75 Resp: 64409
 Ion Ratio Lower Upper
 75 100
 77 29.3 24.9 37.3
 39 55.1 31.0 46.6

Manual Integrations
 APPROVED

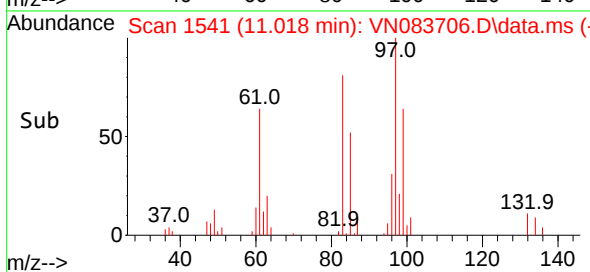
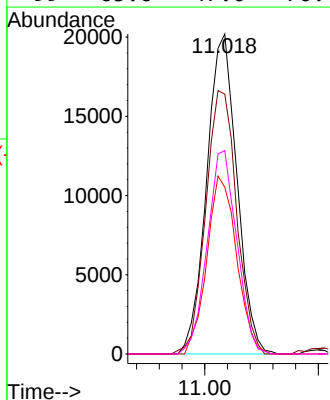
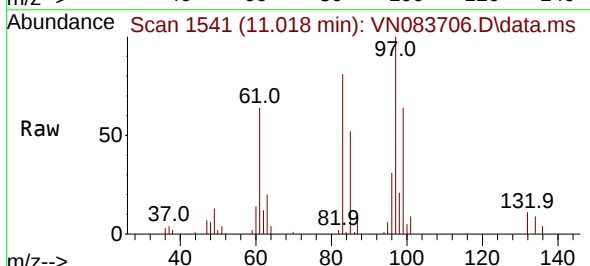
Reviewed By :John Carlone 09/10/2024
 Supervised By :Mahesh Dadoda 09/10/2024

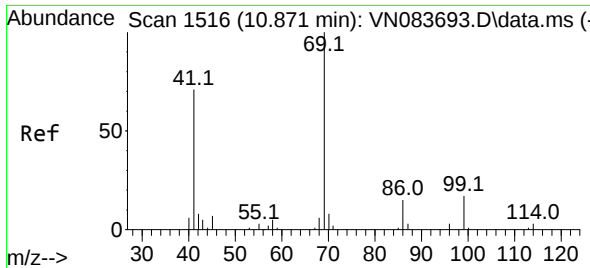
Supervised By :Mahesh
 Dadoda
 09/10/2024



#50
 1,1,2-Trichloroethane
 Concen: 19.835 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN083706.D
 Acq: 09 Sep 2024 08:57

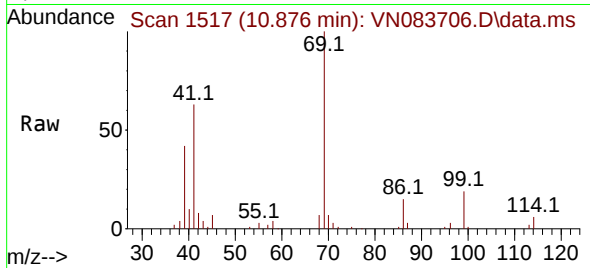
Tgt Ion: 97 Resp: 37367
 Ion Ratio Lower Upper
 97 100
 83 81.2 68.1 102.1
 85 52.1 41.8 62.6
 99 63.6 47.0 70.4





#51
Ethyl methacrylate
Concen: 19.246 ug/l
RT: 10.876 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

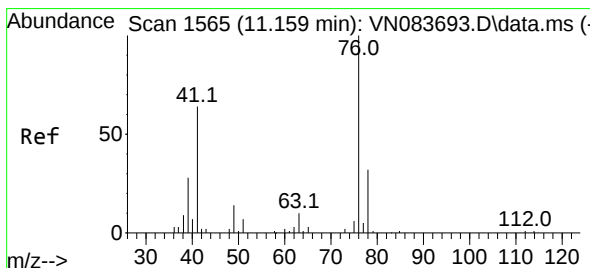
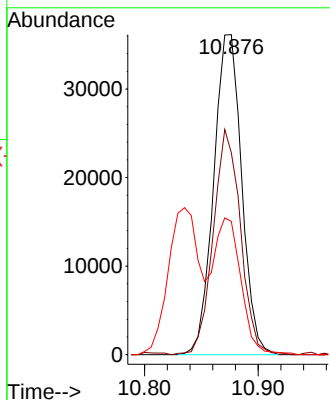
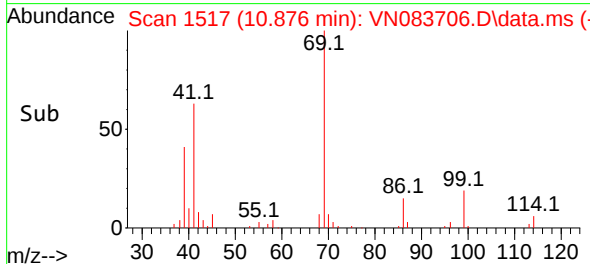


Tgt Ion: 69 Resp: 61944
Ion Ratio Lower Upper
69 100
41 62.7 25.5 76.5
39 41.0 16.0 47.9

Manual Integrations
APPROVED

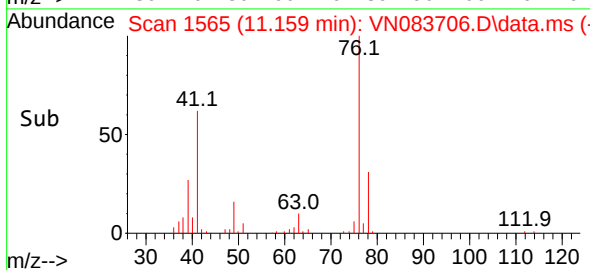
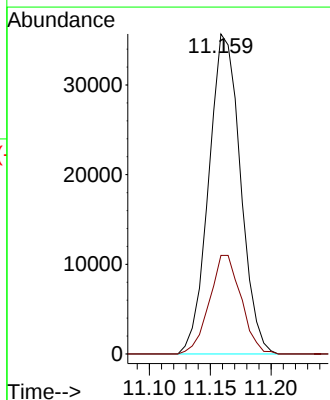
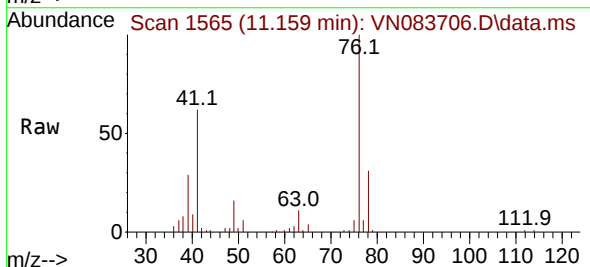
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

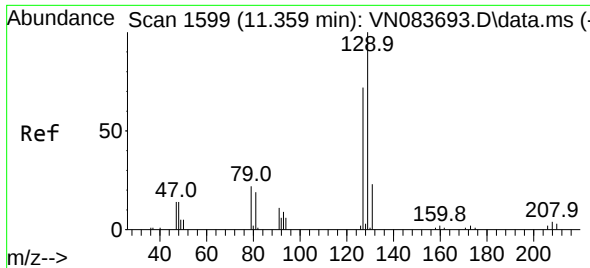
Supervised By :Mahesh
Dadoda
09/10/2024



#52
1,3-Dichloropropane
Concen: 19.033 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

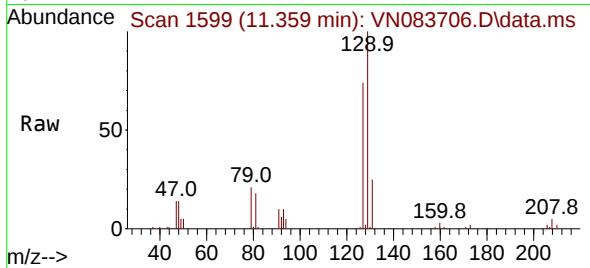
Tgt Ion: 76 Resp: 64754
Ion Ratio Lower Upper
76 100
78 30.8 0.0 65.8





#53
Dibromochloromethane
Concen: 19.216 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

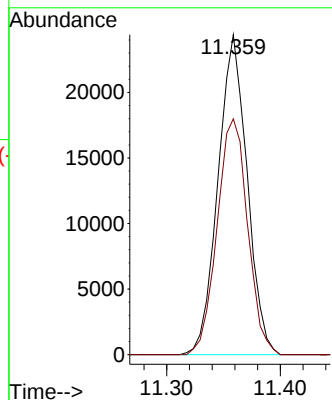
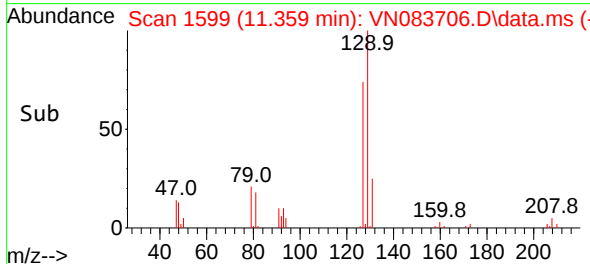
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



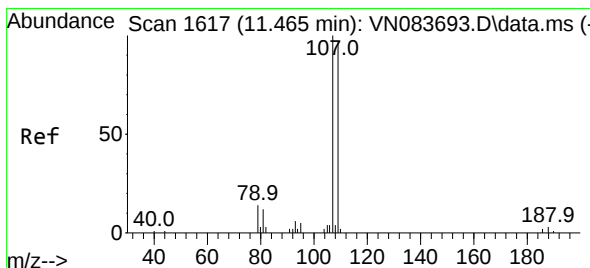
Tgt Ion:129 Resp: 4342
Ion Ratio Lower Upper
129 100
127 77.3 39.4 118.1

Manual Integrations
APPROVED

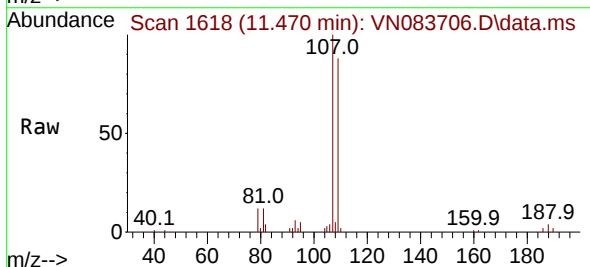
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



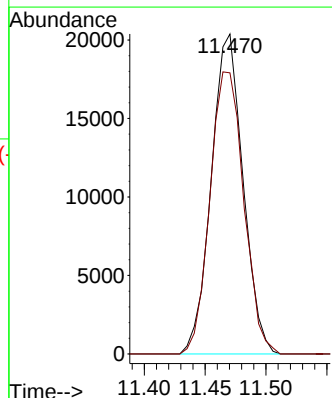
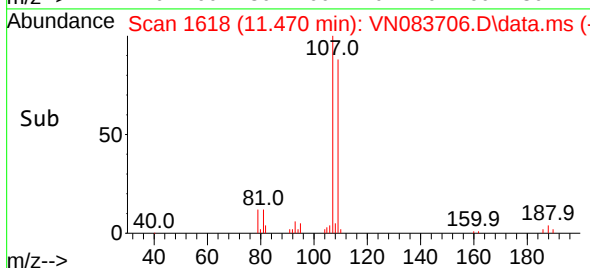
Supervised By :Mahesh
Dadoda
09/10/2024

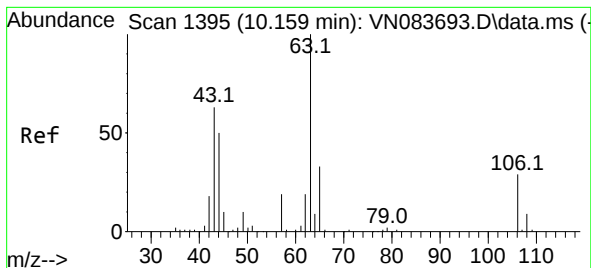


#54
1,2-Dibromoethane
Concen: 18.974 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57



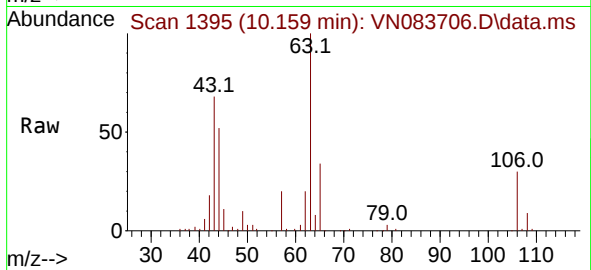
Tgt Ion:107 Resp: 36980
Ion Ratio Lower Upper
107 100
109 93.9 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 107.016 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

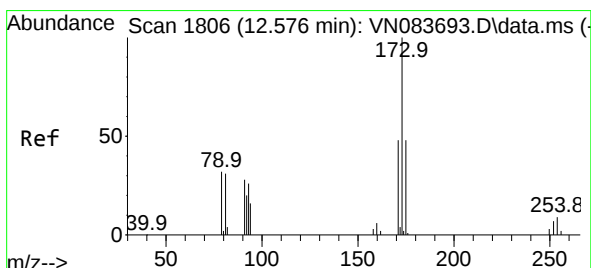
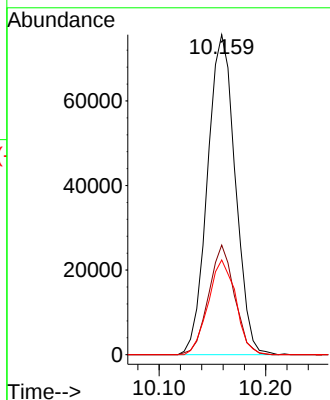
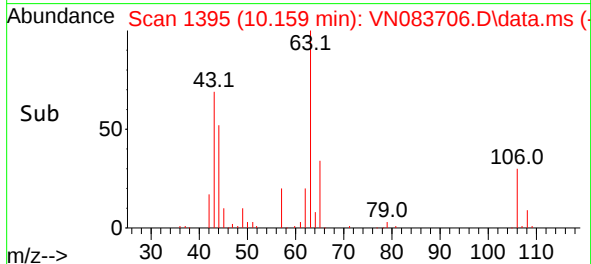


Tgt Ion: 63 Resp: 137269
Ion Ratio Lower Upper
63 100
65 32.0 26.2 39.2
106 29.4 23.8 35.8

Manual Integrations
APPROVED

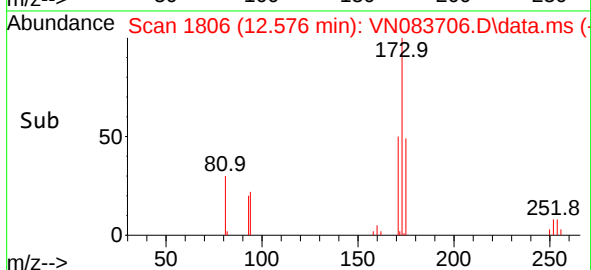
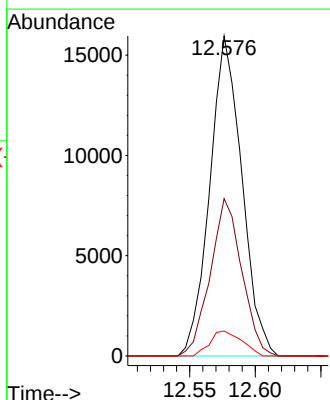
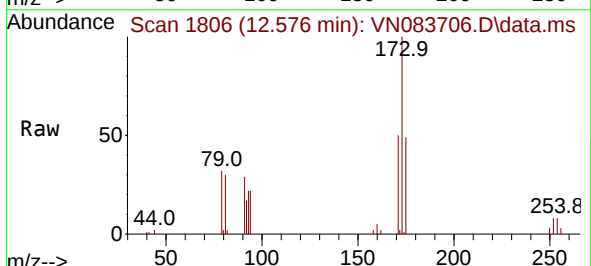
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

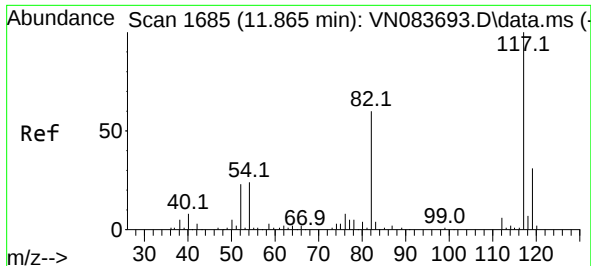
Supervised By :Mahesh
Dadoda
09/10/2024



#56
Bromoform
Concen: 18.888 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Tgt Ion:173 Resp: 27115
Ion Ratio Lower Upper
173 100
175 48.2 40.0 60.0
254 7.8 8.3 12.5#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083706.D

Acq: 09 Sep 2024 08:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:117 Resp: 156710

Ion	Ratio	Lower	Upper
117	100		
82	60.6	46.6	69.8
119	32.0	25.4	38.2

Manual Integrations

APPROVED

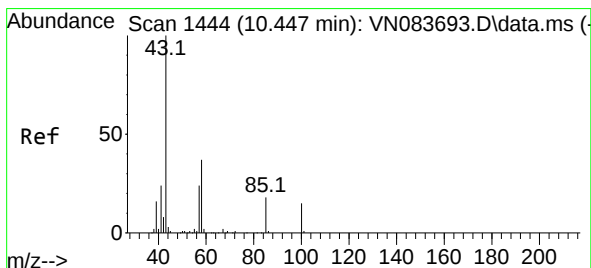
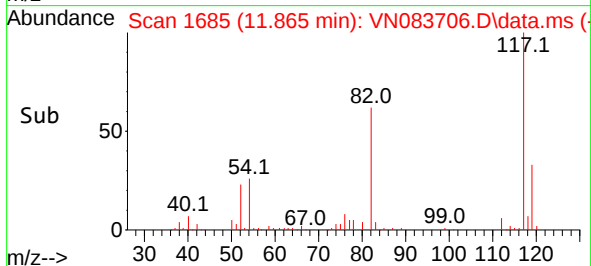
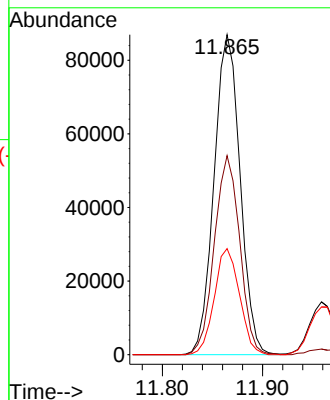
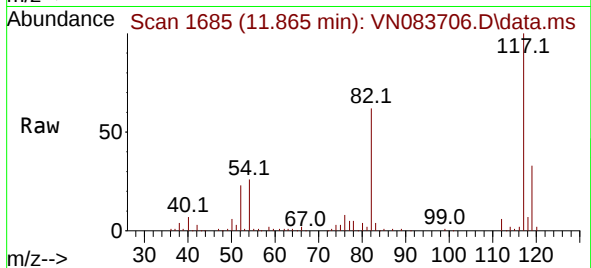
Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024

Supervised By :Mahesh

Dadoda

09/10/2024



#58

4-Methyl-2-Pentanone

Concen: 106.770 ug/l

RT: 10.441 min Scan# 1443

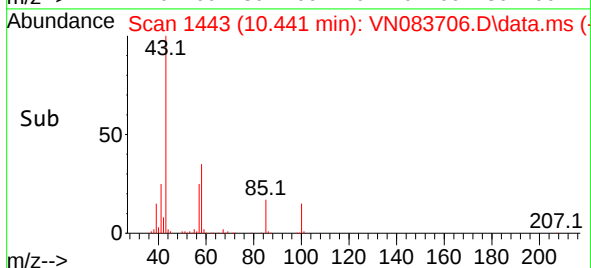
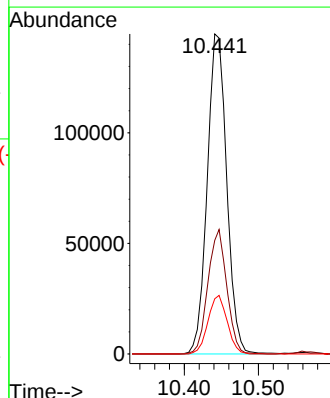
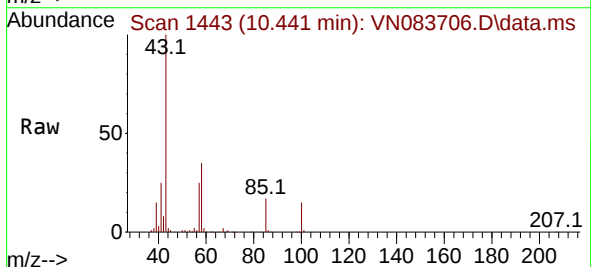
Delta R.T. -0.006 min

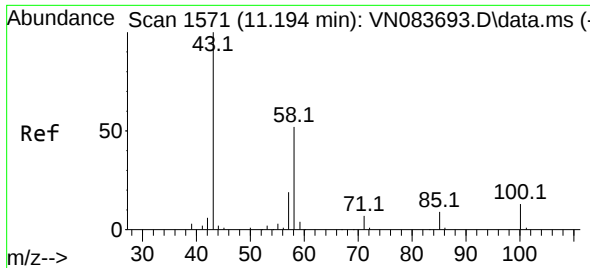
Lab File: VN083706.D

Acq: 09 Sep 2024 08:57

Tgt Ion: 43 Resp: 265314

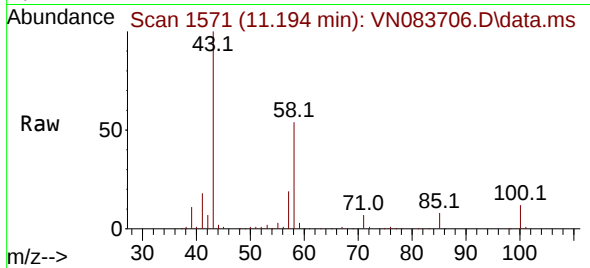
Ion	Ratio	Lower	Upper
43	100		
58	37.6	36.5	54.7
85	17.9	19.5	29.3





#59
2-Hexanone
Concen: 107.641 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

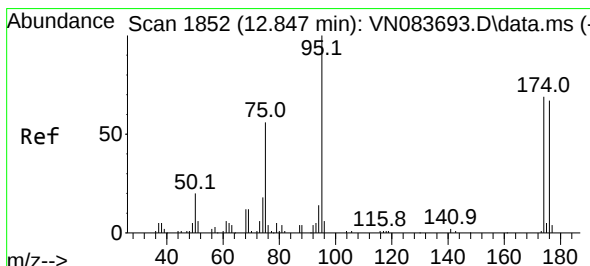
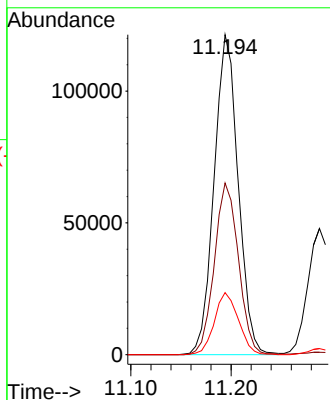
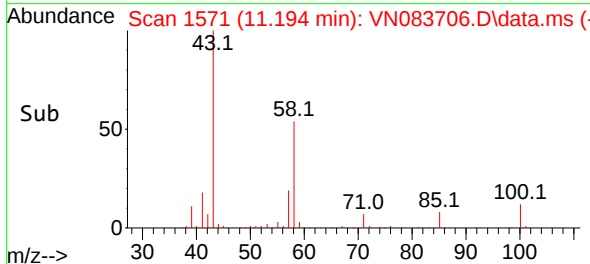


Tgt Ion: 43 Resp: 20211
Ion Ratio Lower Upper
43 100
58 53.7 50.4 75.6
57 19.4 18.6 27.8

Manual Integrations
APPROVED

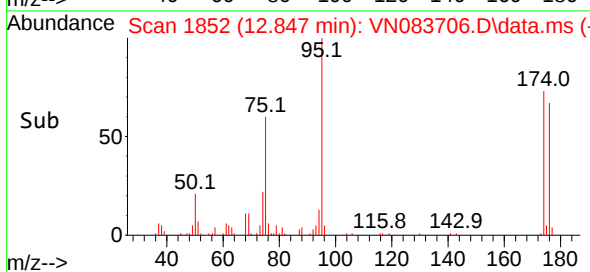
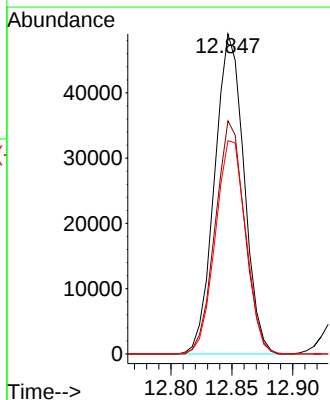
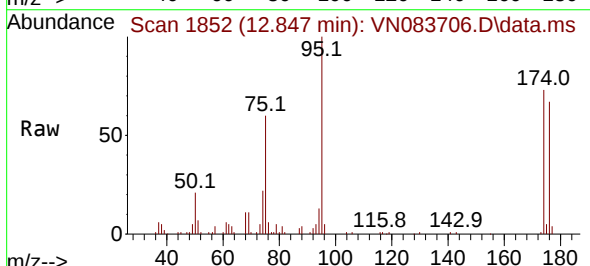
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

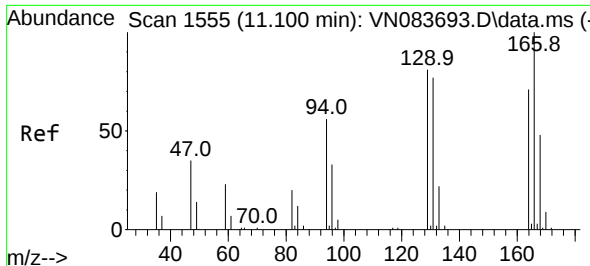
Supervised By :Mahesh
Dadoda
09/10/2024



#60
4-Bromofluorobenzene
Concen: 30.526 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

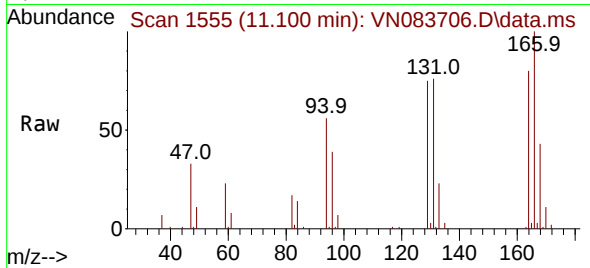
Tgt Ion: 95 Resp: 82449
Ion Ratio Lower Upper
95 100
174 72.6 60.5 90.7
176 69.2 57.8 86.6





#61
Tetrachloroethene
Concen: 19.251 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

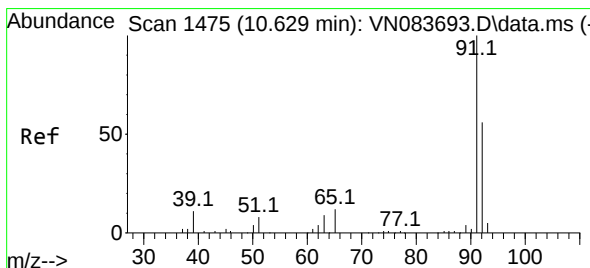
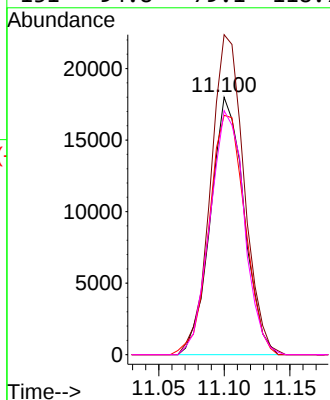
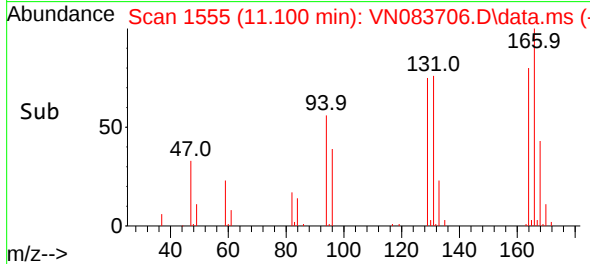


Tgt Ion:164 Resp: 31929
Ion Ratio Lower Upper
164 100
166 124.3 106.7 160.1
129 93.0 85.8 128.6
131 94.8 79.1 118.7

Manual Integrations
APPROVED

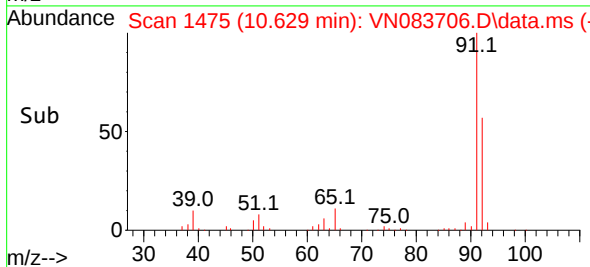
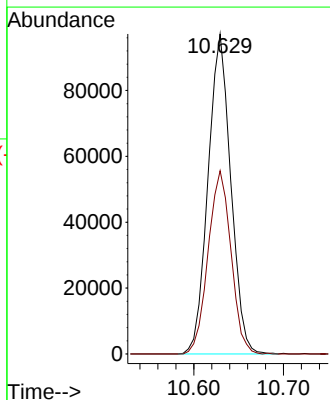
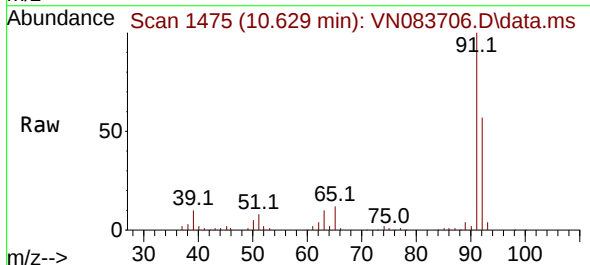
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

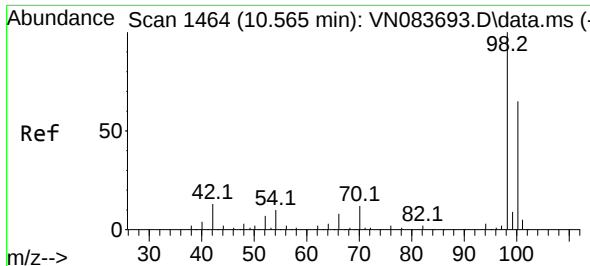
Supervised By :Mahesh
Dadoda
09/10/2024



#62
Toluene
Concen: 18.950 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

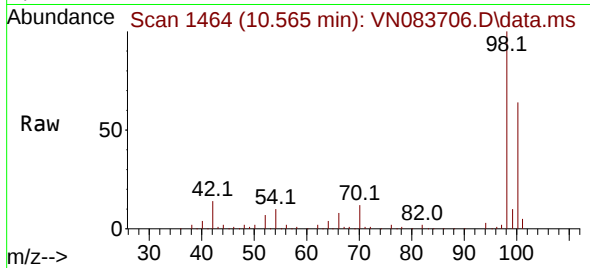
Tgt Ion: 91 Resp: 170699
Ion Ratio Lower Upper
91 100
92 57.6 46.5 69.7





#63
Toluene-d8
Concen: 30.766 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

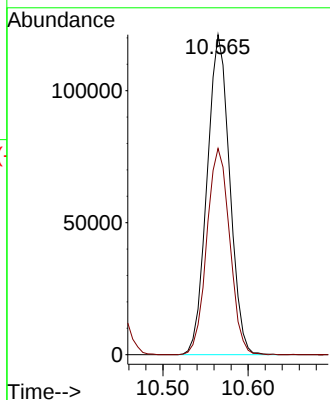
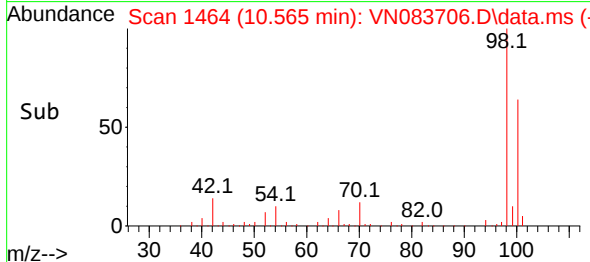
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



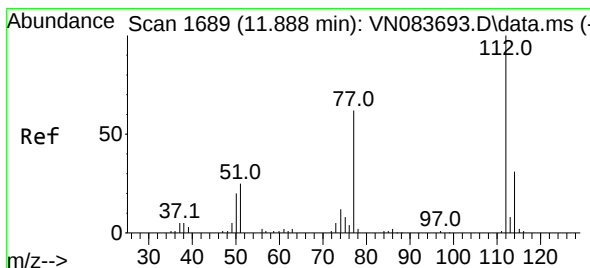
Tgt Ion: 98 Resp: 223252
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1

Manual Integrations
APPROVED

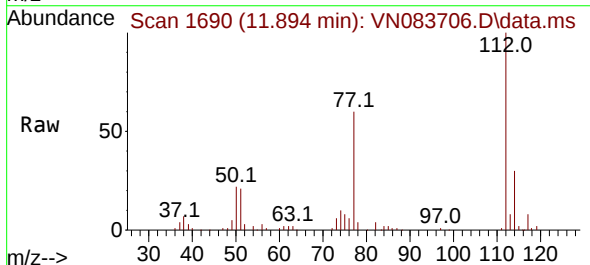
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



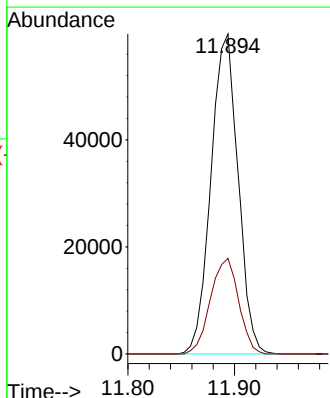
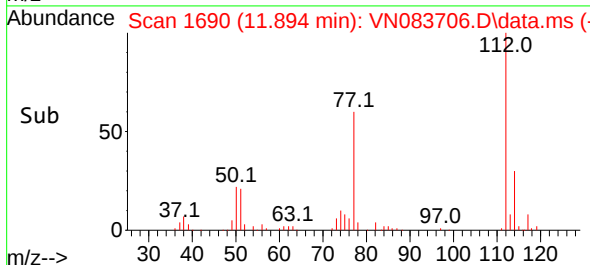
Supervised By :Mahesh
Dadoda
09/10/2024

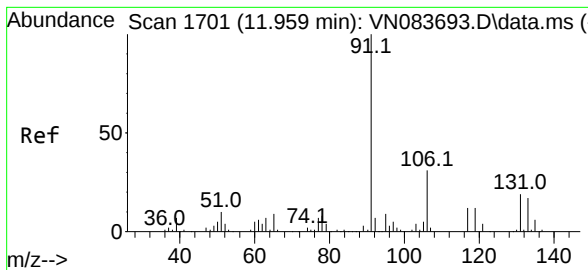


#64
Chlorobenzene
Concen: 18.961 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57



Tgt Ion:112 Resp: 105745
Ion Ratio Lower Upper
112 100
114 29.9 26.6 39.8





#65
1,1,1,2-Tetrachloroethane
Concen: 19.734 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

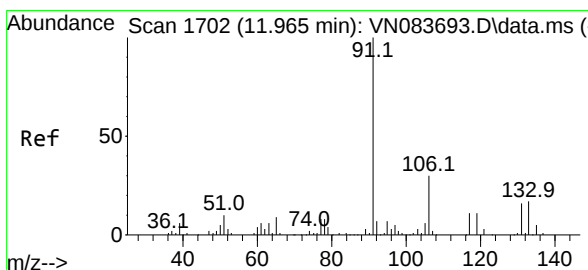
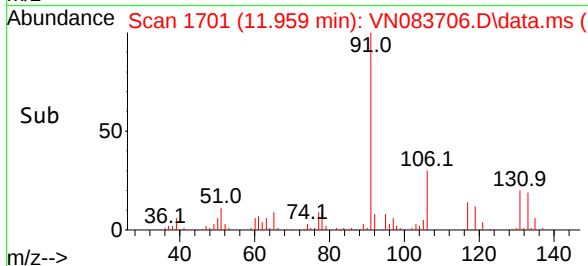
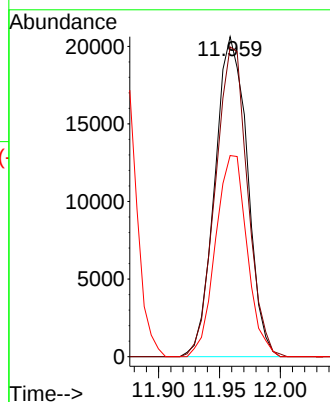
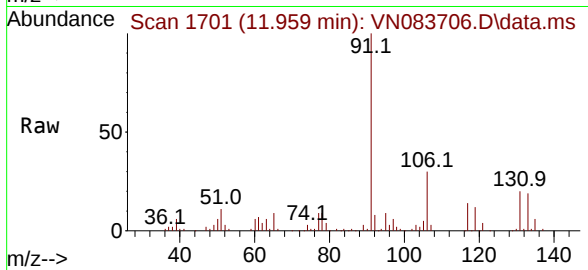
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 38339
Ion Ratio Lower Upper
131 100
133 95.8 0.0 188.0
119 61.1 0.0 122.8

Manual Integrations
APPROVED

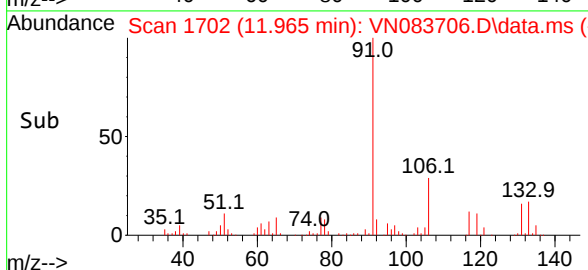
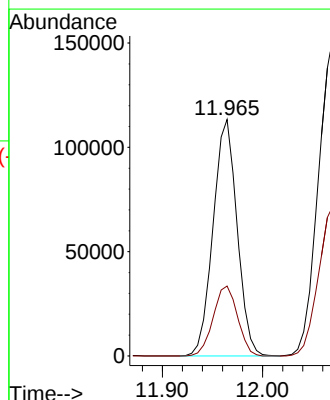
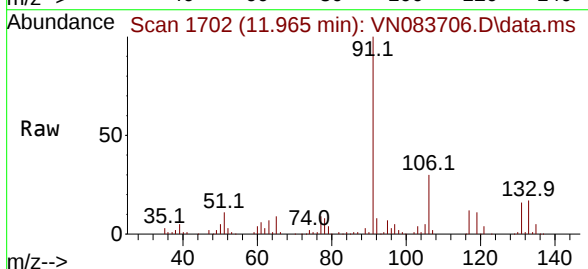
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

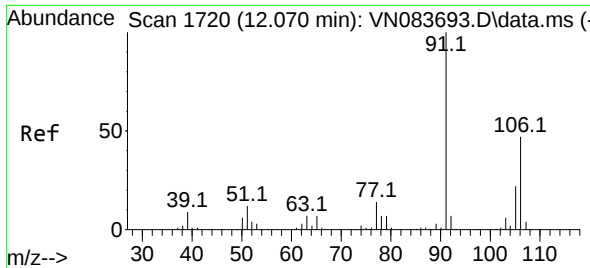
Supervised By :Mahesh
Dadoda
09/10/2024



#66
Ethyl Benzene
Concen: 18.403 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Tgt Ion: 91 Resp: 188510
Ion Ratio Lower Upper
91 100
106 29.5 24.4 36.6





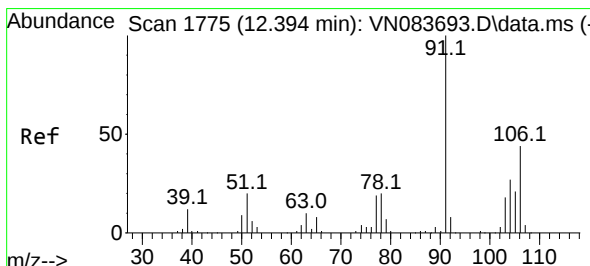
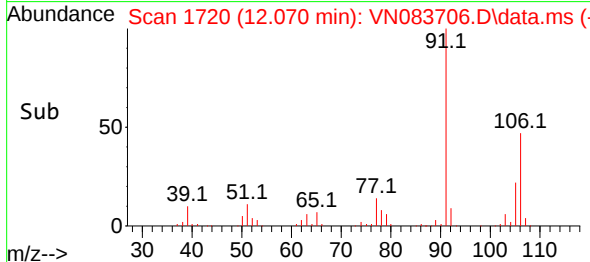
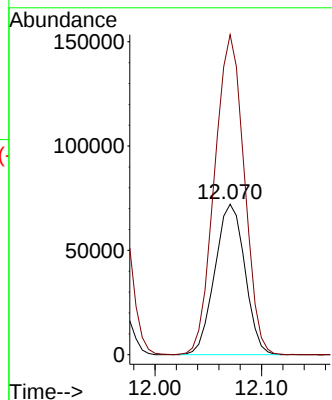
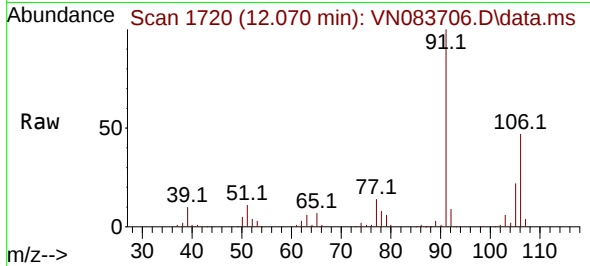
#67
m/p-Xylenes
Concen: 37.536 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 141462
Ion Ratio Lower Upper
106 100
91 209.7 166.6 249.8

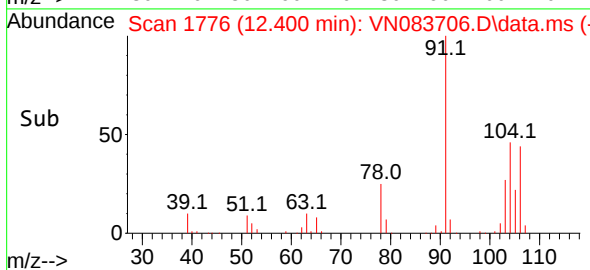
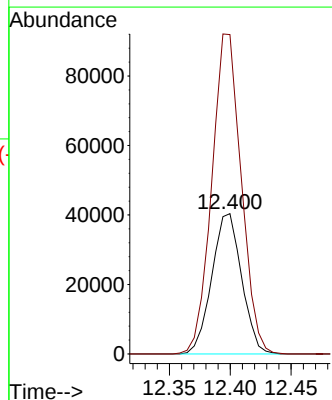
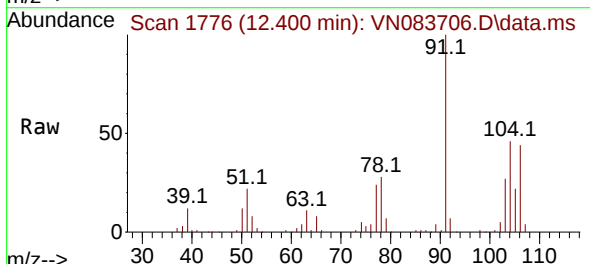
Manual Integrations
APPROVED

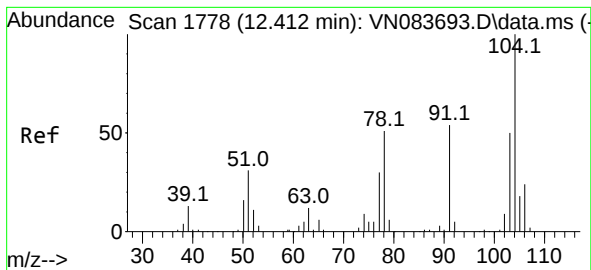
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#68
o-Xylene
Concen: 18.896 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Tgt Ion:106 Resp: 68923
Ion Ratio Lower Upper
106 100
91 225.1 110.0 330.0





#69

Styrene

Concen: 17.967 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN083706.D

Acq: 09 Sep 2024 08:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:104	Resp: 110730
Ion Ratio	Lower Upper
104 100	
78 55.9	42.6 64.0
103 56.1	43.7 65.5

Manual Integrations

APPROVED

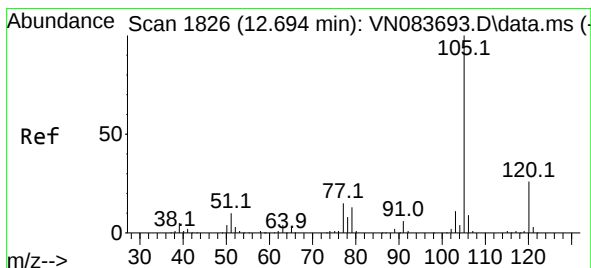
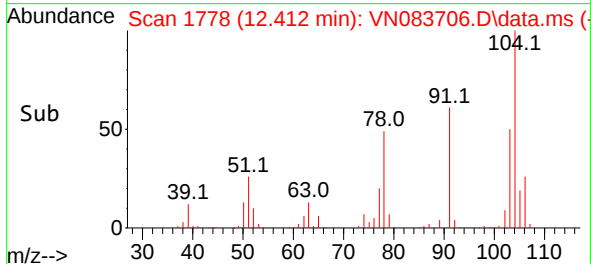
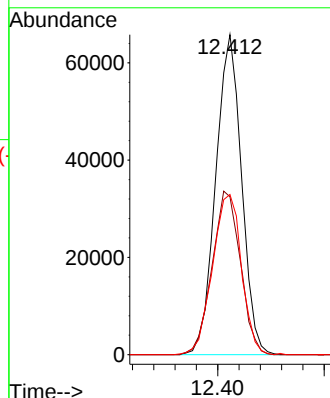
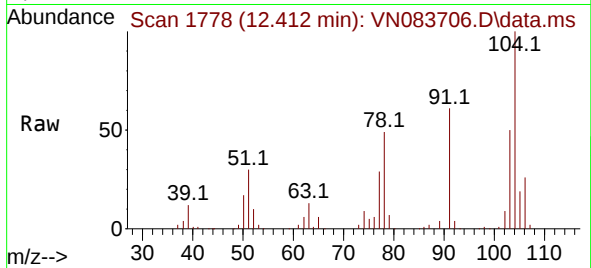
Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024

Supervised By :Mahesh

Dadoda

09/10/2024



#70

Isopropylbenzene

Concen: 18.620 ug/l

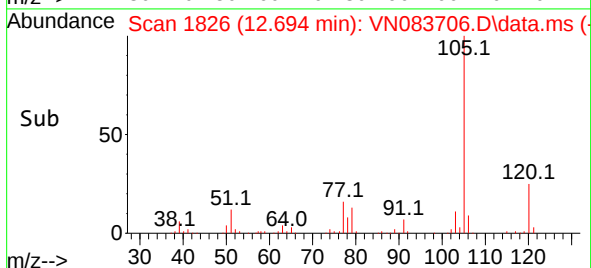
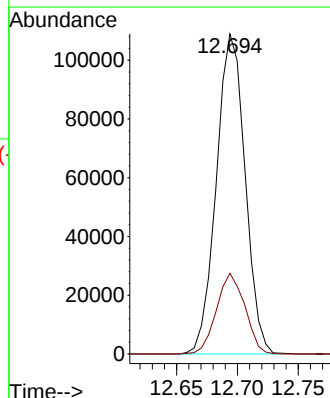
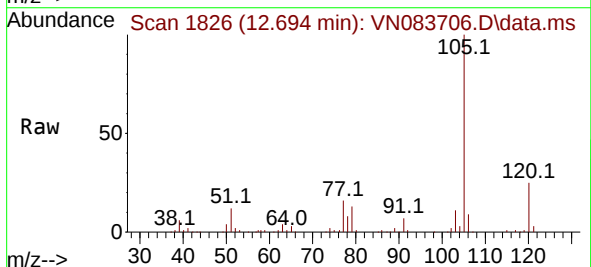
RT: 12.694 min Scan# 1826

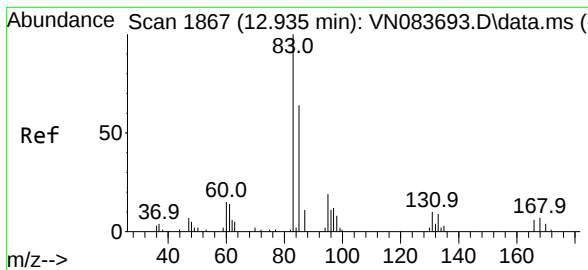
Delta R.T. -0.000 min

Lab File: VN083706.D

Acq: 09 Sep 2024 08:57

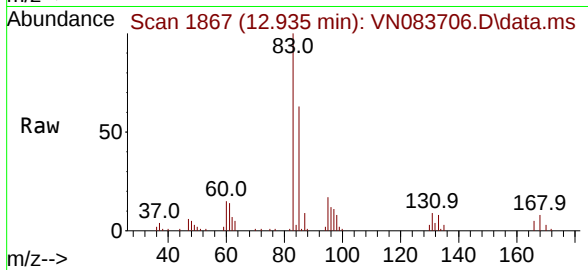
Tgt Ion:105	Resp: 179225
Ion Ratio	Lower Upper
105 100	
120 24.8	17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.038 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

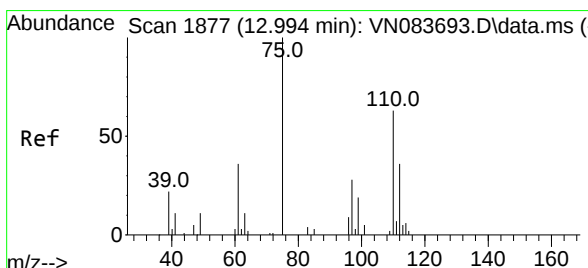
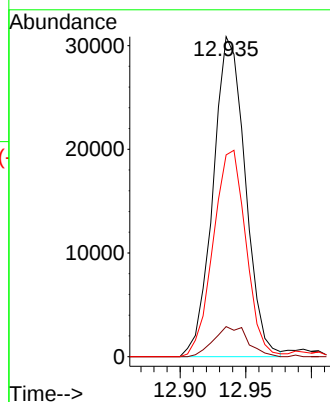
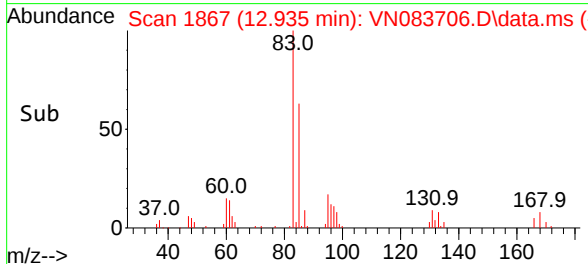


Tgt Ion: 83 Resp: 52680
Ion Ratio Lower Upper
83 100
131 10.0 5.2 15.6
85 65.4 32.3 96.8

Manual Integrations
APPROVED

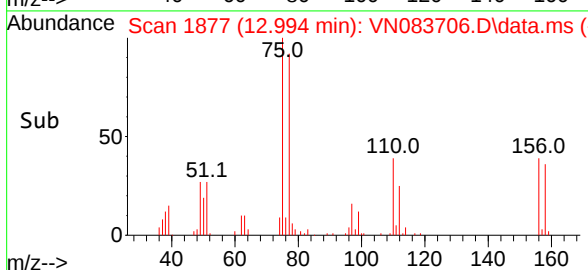
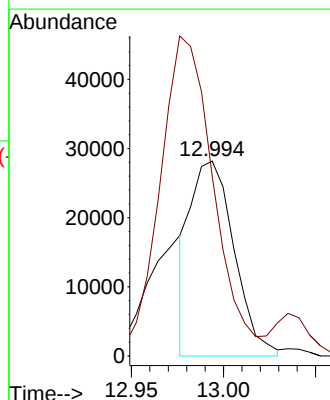
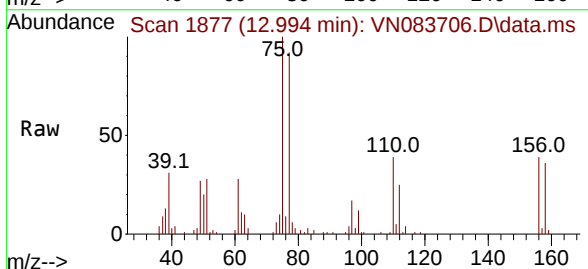
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

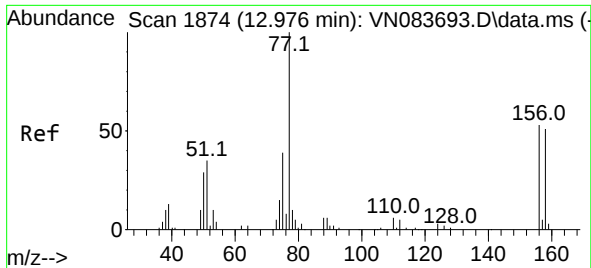
Supervised By :Mahesh
Dadoda
09/10/2024



#72
1,2,3-Trichloropropane
Concen: 20.084 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

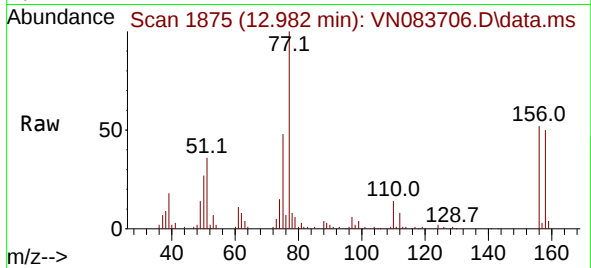
Tgt Ion: 75 Resp: 46294
Ion Ratio Lower Upper
75 100
77 201.2 0.0 367.6





#73
Bromobenzene
Concen: 18.431 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

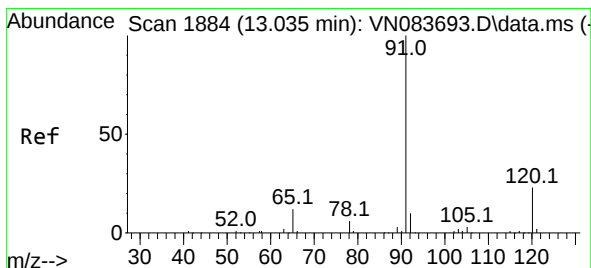
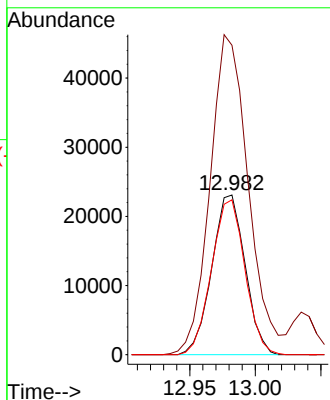
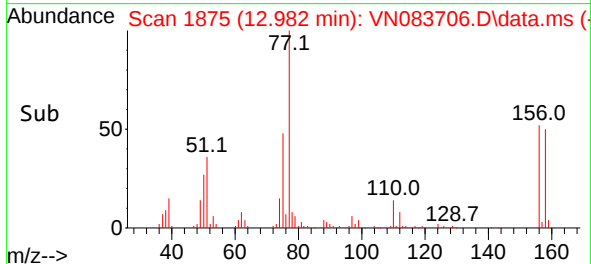


Tgt Ion:156 Resp: 40749
Ion Ratio Lower Upper
156 100
77 228.6 0.0 437.6
158 97.5 0.0 203.8

Manual Integrations
APPROVED

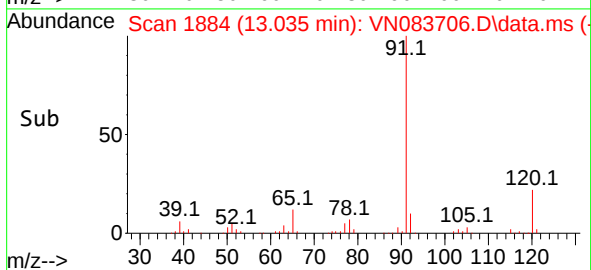
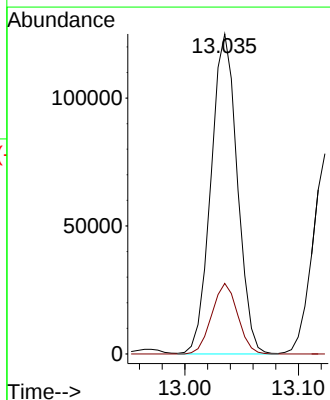
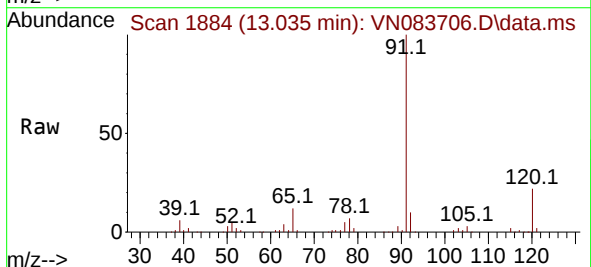
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

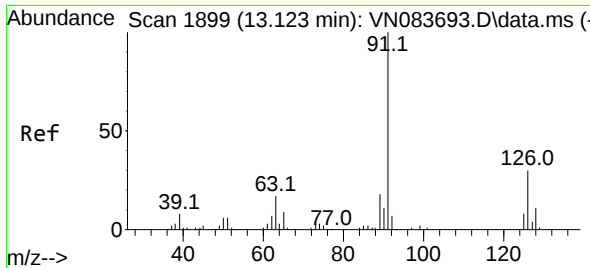
Supervised By :Mahesh
Dadoda
09/10/2024



#74
n-propylbenzene
Concen: 17.909 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

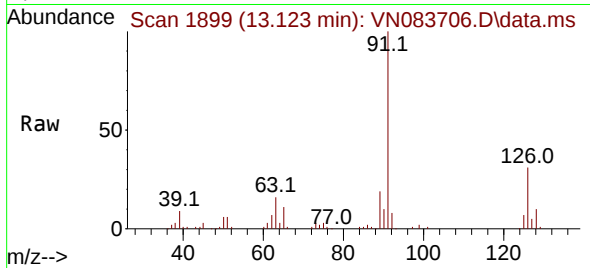
Tgt Ion: 91 Resp: 201798
Ion Ratio Lower Upper
91 100
120 21.6 0.0 43.8





#75
2-Chlorotoluene
Concen: 18.510 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

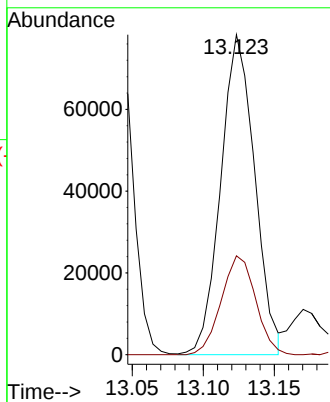
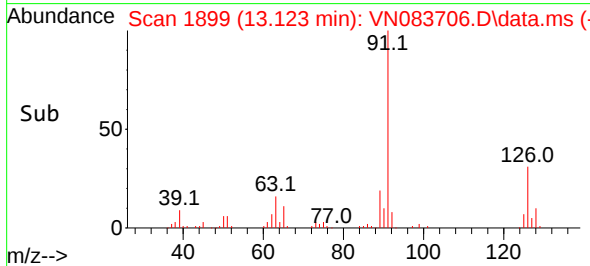
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



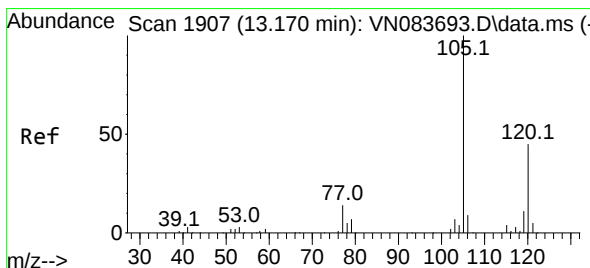
Tgt Ion: 91 Resp: 13017
Ion Ratio Lower Upper
91 100
126 31.3 0.0 61.2

Manual Integrations
APPROVED

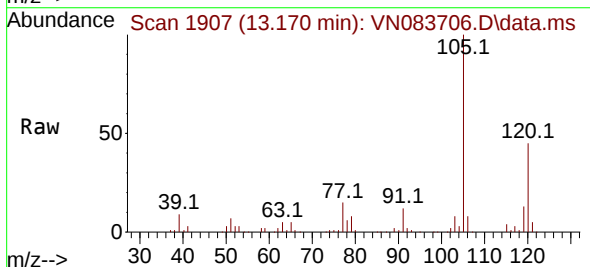
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



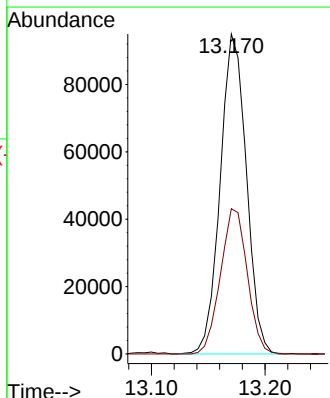
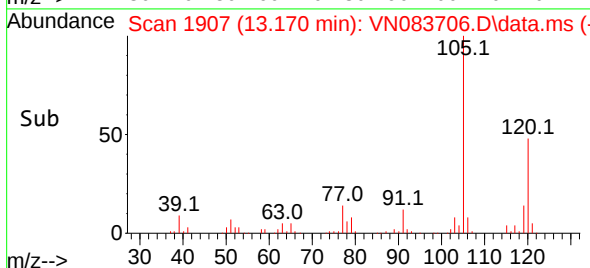
Supervised By :Mahesh
Dadoda
09/10/2024

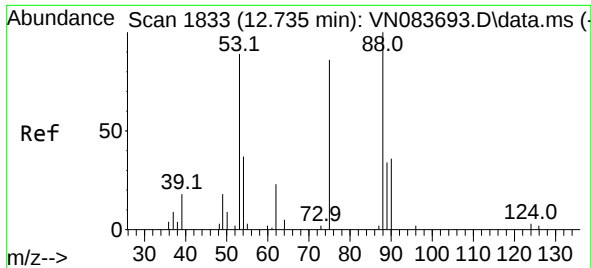


#76
1,3,5-Trimethylbenzene
Concen: 18.872 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57



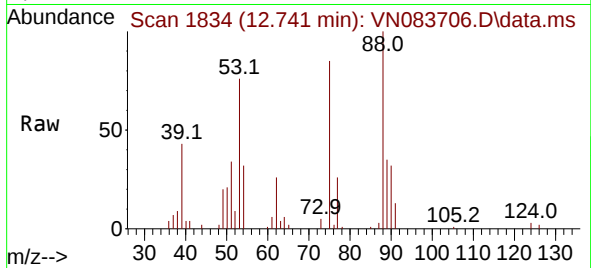
Tgt Ion:105 Resp: 151739
Ion Ratio Lower Upper
105 100
120 46.7 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.721 ug/l
RT: 12.741 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

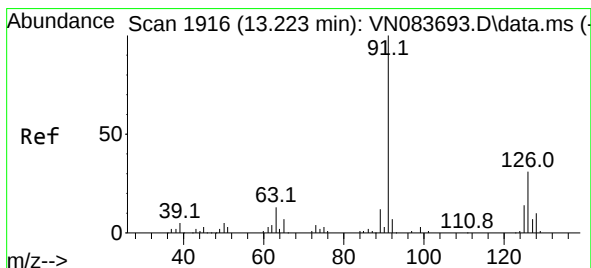
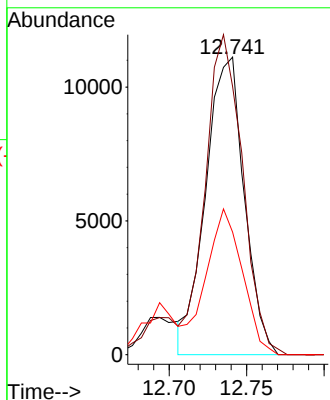
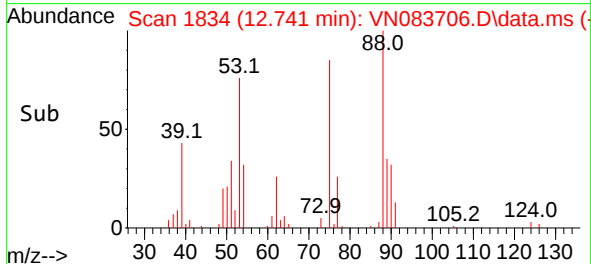


Tgt Ion: 75 Resp: 19214
Ion Ratio Lower Upper
75 100
53 88.2 45.9 137.7
89 41.2 25.9 77.7

Manual Integrations
APPROVED

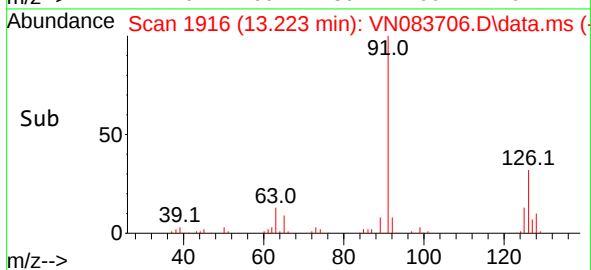
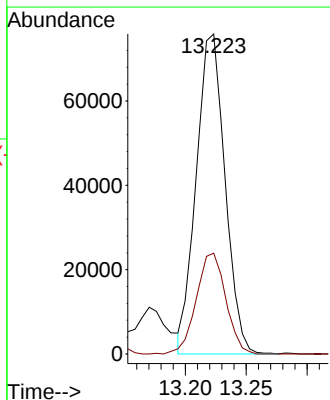
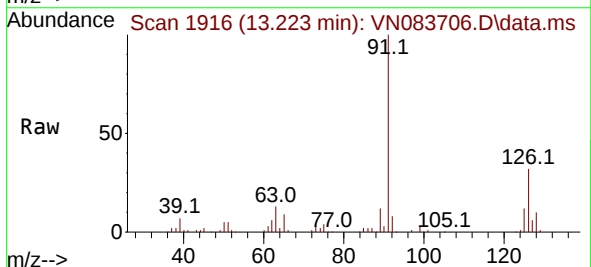
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

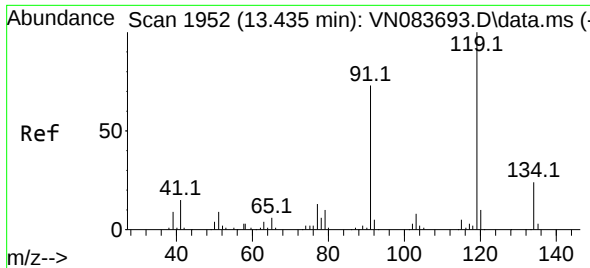
Supervised By :Mahesh
Dadoda
09/10/2024



#78
4-Chlorotoluene
Concen: 17.506 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Tgt Ion: 91 Resp: 124849
Ion Ratio Lower Upper
91 100
126 32.2 0.0 62.8





#79
tert-butylbenzene
Concen: 19.138 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

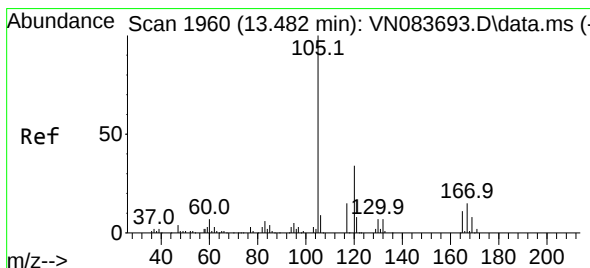
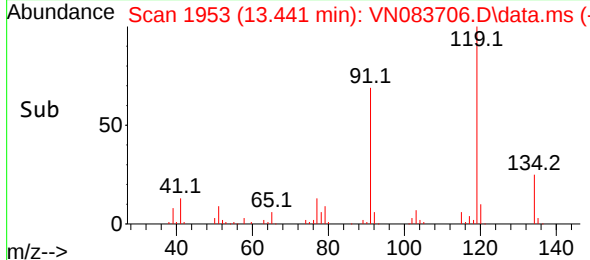
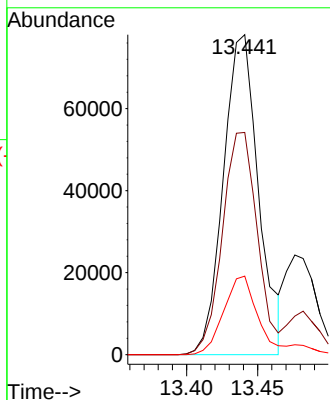
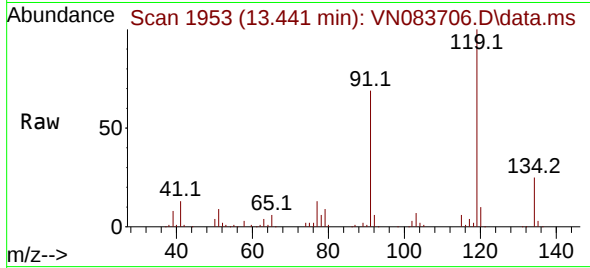
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 134550
Ion Ratio Lower Upper
119 100
91 69.1 0.0 138.8
134 23.8 0.0 48.6

Manual Integrations
APPROVED

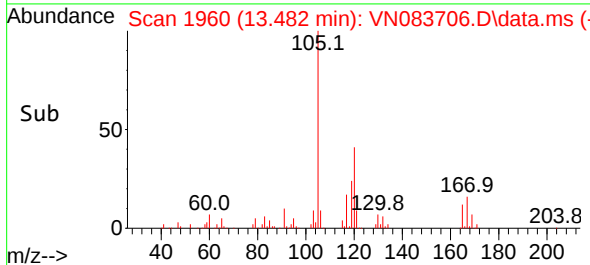
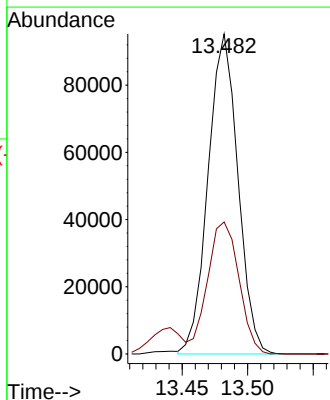
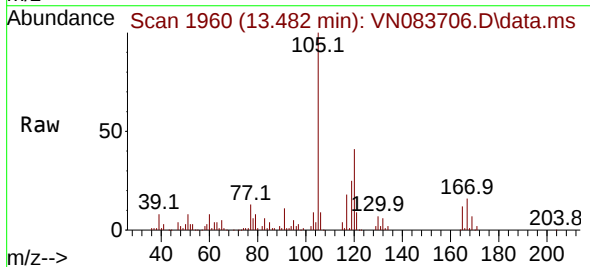
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

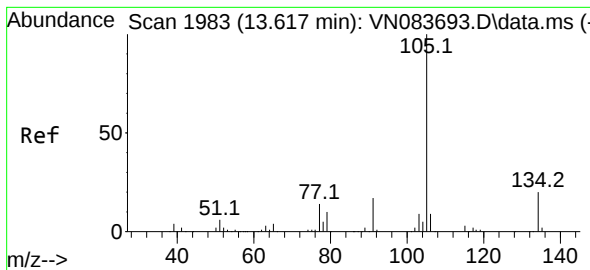
Supervised By :Mahesh
Dadoda
09/10/2024



#80
1,2,4-Trimethylbenzene
Concen: 18.560 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

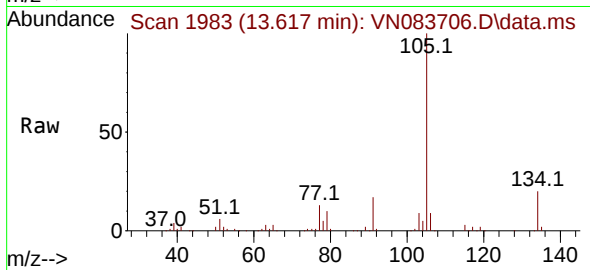
Tgt Ion:105 Resp: 150807
Ion Ratio Lower Upper
105 100
120 43.5 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 17.928 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083706.D
 Acq: 09 Sep 2024 08:57

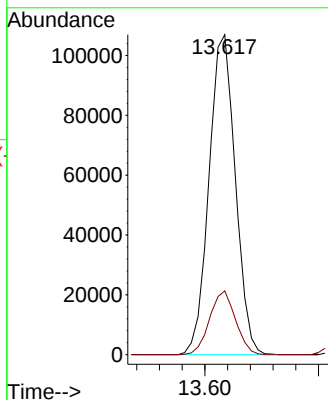
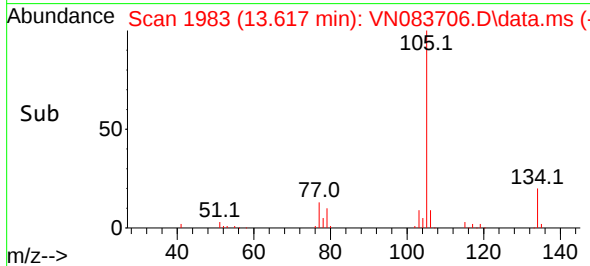
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



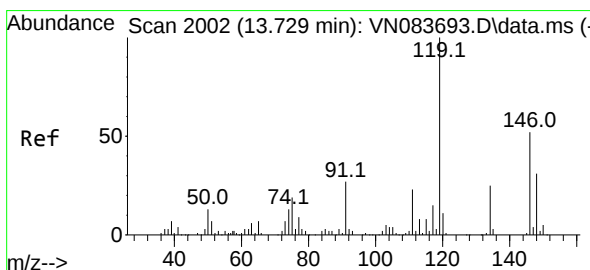
Tgt Ion:105 Resp: 172200
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.0

Manual Integrations
 APPROVED

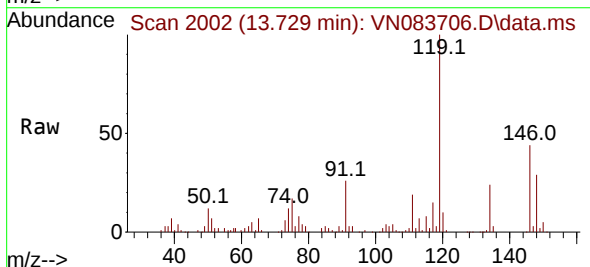
Reviewed By :John Carlone 09/10/2024
 Supervised By :Mahesh Dadoda 09/10/2024



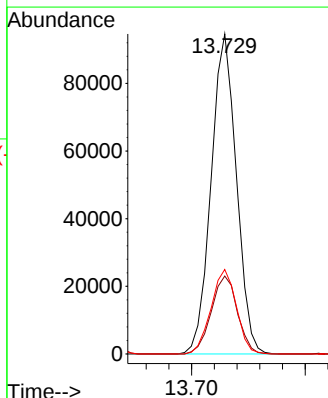
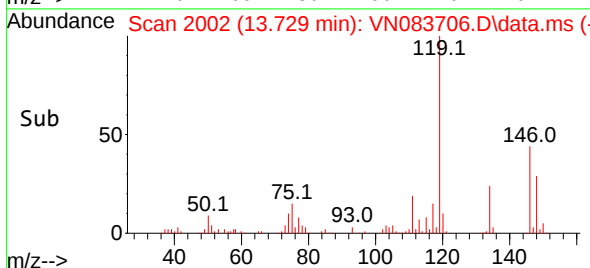
Supervised By :Mahesh
 Dadoda
 09/10/2024

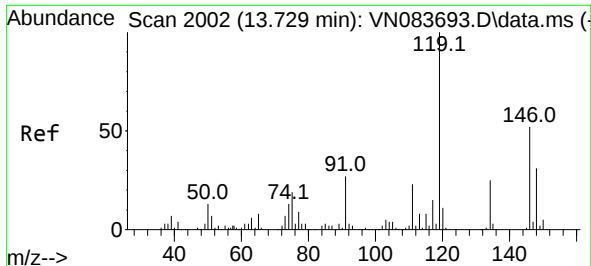


#82
 p-Isopropyltoluene
 Concen: 18.072 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083706.D
 Acq: 09 Sep 2024 08:57



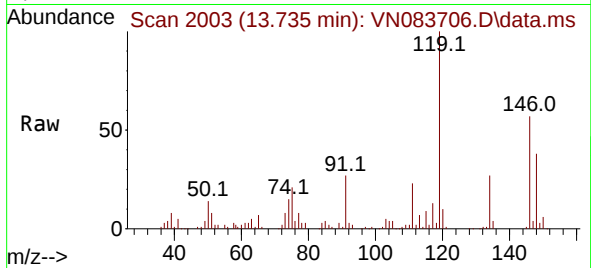
Tgt Ion:119 Resp: 146044
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 49.2
 91 26.4 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 17.451 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

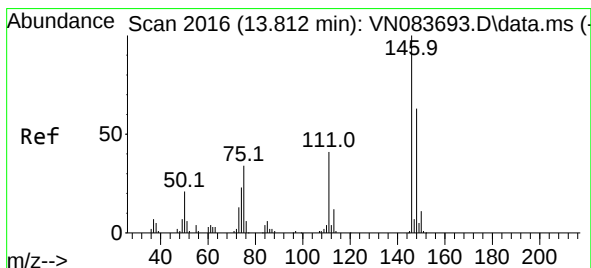
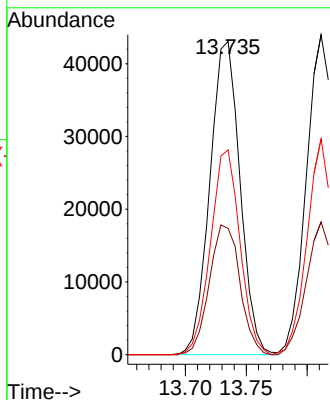
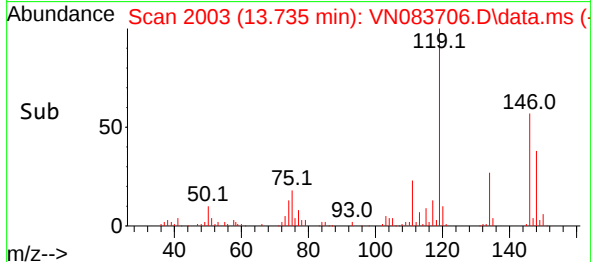


Tgt Ion:146 Resp: 74259
Ion Ratio Lower Upper
146 100
111 42.0 22.4 67.0
148 63.8 32.1 96.5

Manual Integrations
APPROVED

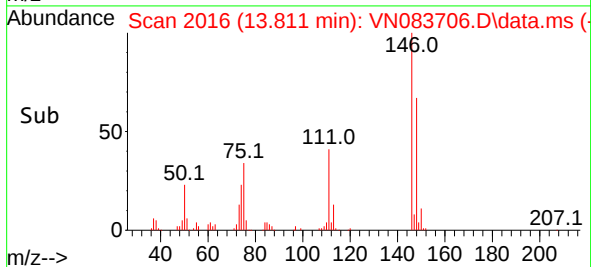
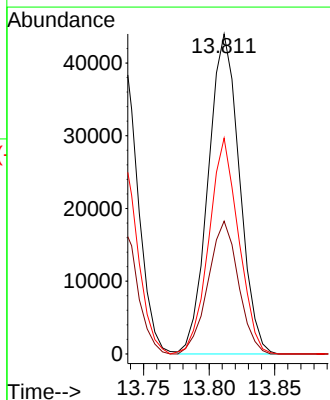
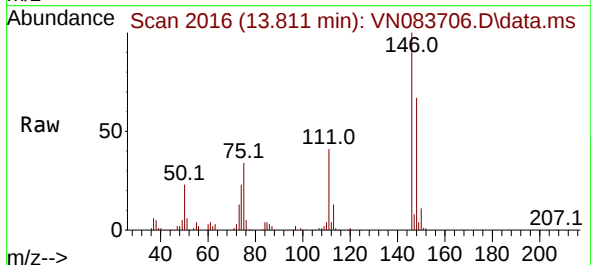
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

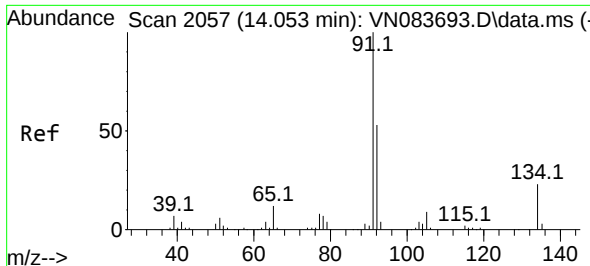
Supervised By :Mahesh
Dadoda
09/10/2024



#84
1,4-Dichlorobenzene
Concen: 17.141 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Tgt Ion:146 Resp: 72920
Ion Ratio Lower Upper
146 100
111 40.2 21.3 63.9
148 64.1 31.9 95.5





#85
n-Butylbenzene
Concen: 17.282 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

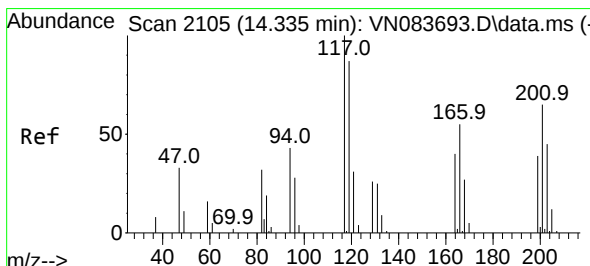
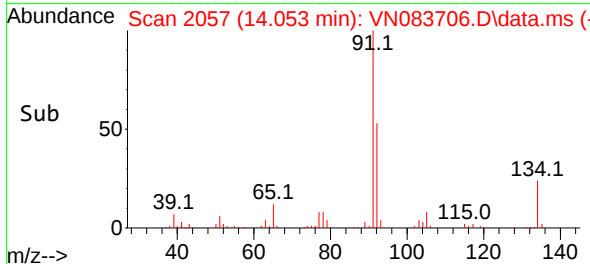
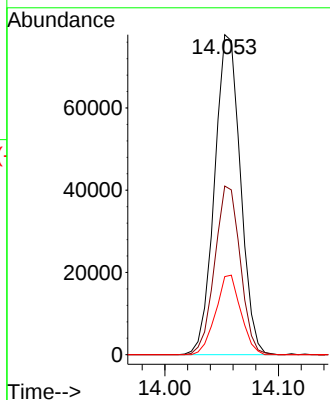
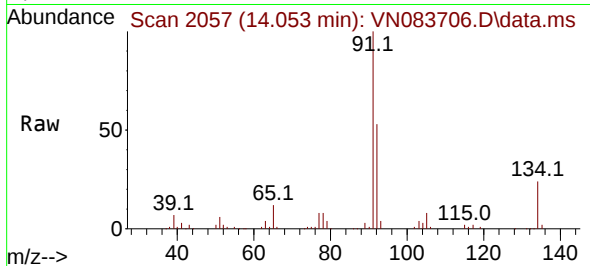
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 12324
Ion Ratio Lower Upper
91 100
92 52.0 0.0 105.0
134 24.1 0.0 51.8

Manual Integrations
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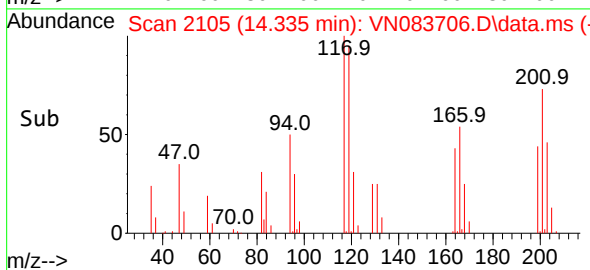
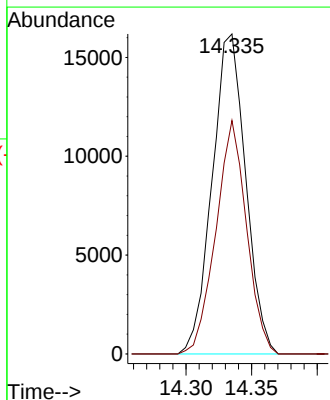
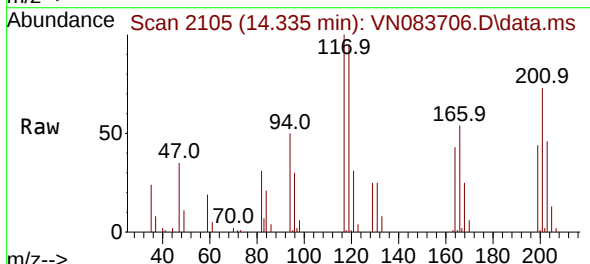
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

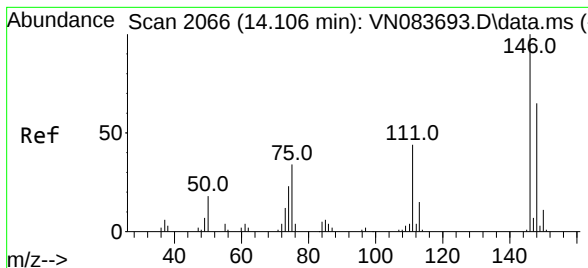
Supervised By :Mahesh
Dadoda
09/10/2024



#86
Hexachloroethane
Concen: 18.782 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

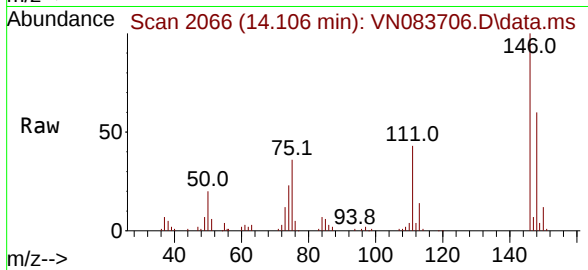
Tgt Ion:117 Resp: 28763
Ion Ratio Lower Upper
117 100
201 66.7 38.0 114.0





#87
1,2-Dichlorobenzene
Concen: 18.113 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

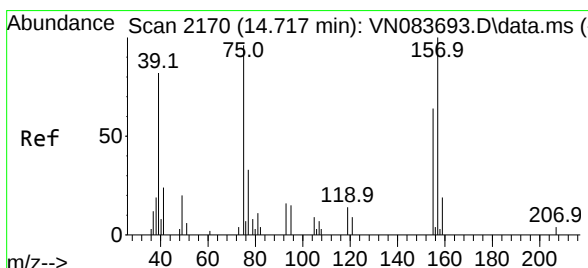
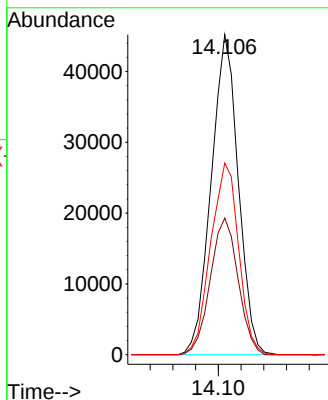
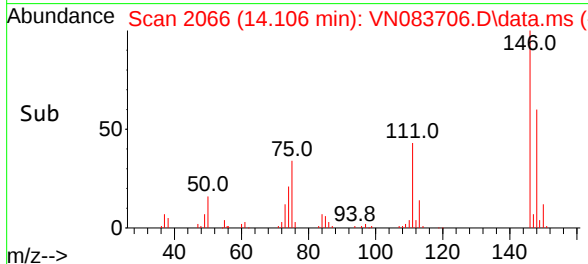


Tgt Ion:146 Resp: 74800
Ion Ratio Lower Upper
146 100
111 43.9 22.6 67.8
148 61.8 31.3 93.8

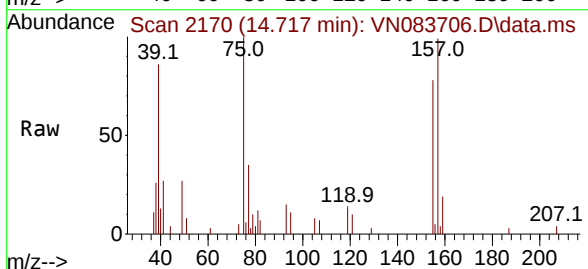
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

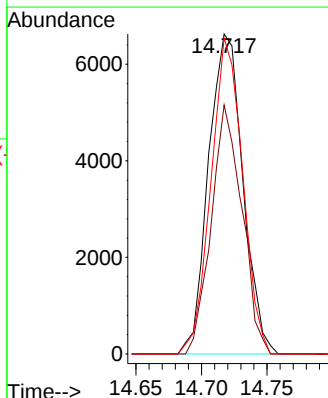
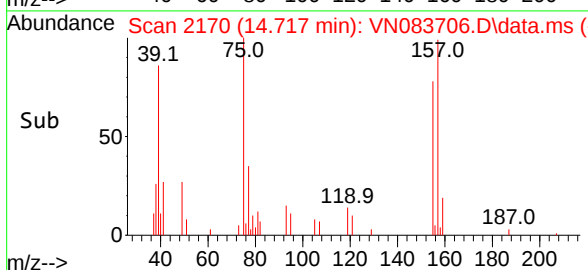
Supervised By :Mahesh
Dadoda
09/10/2024

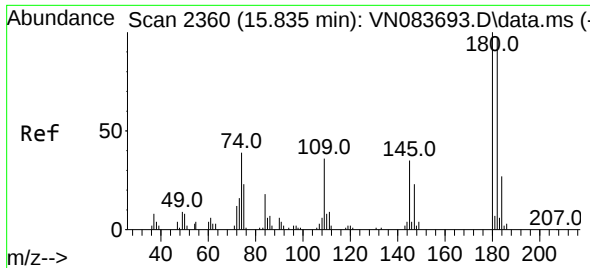


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.888 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57



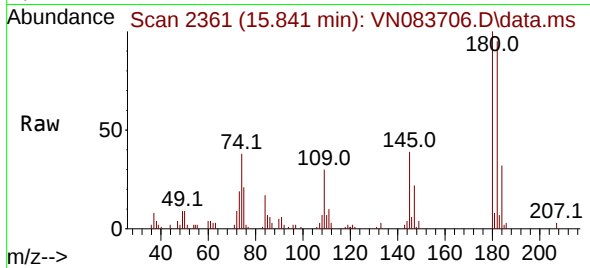
Tgt Ion: 75 Resp: 12068
Ion Ratio Lower Upper
75 100
155 69.5 61.7 92.5
157 90.9 83.6 125.4





#89
1,2,4-Trichlorobenzene
Concen: 16.843 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

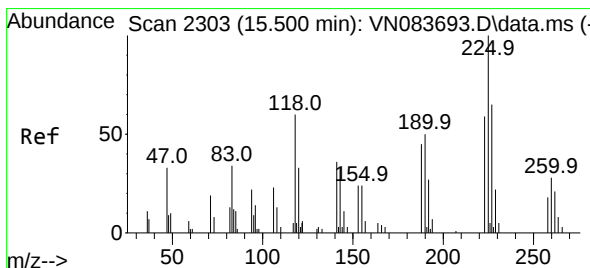
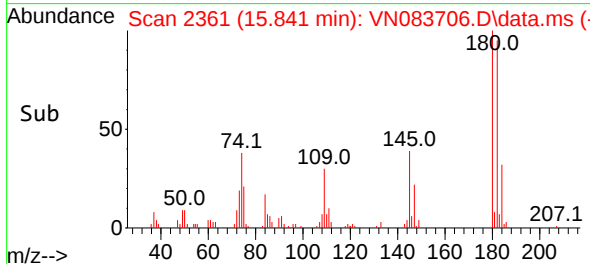
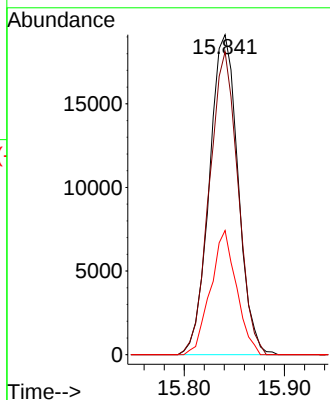


Tgt Ion:180 Resp: 3810
Ion Ratio Lower Upper
180 100
182 94.1 76.4 114.6
145 35.0 28.4 42.6

Manual Integrations
APPROVED

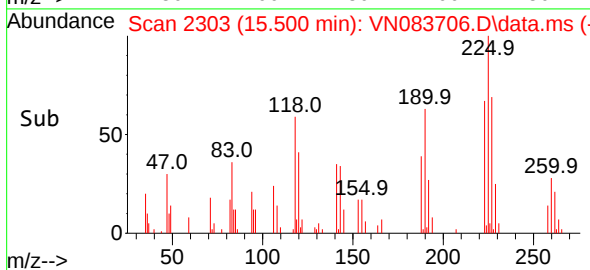
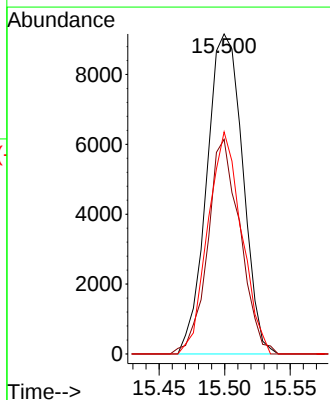
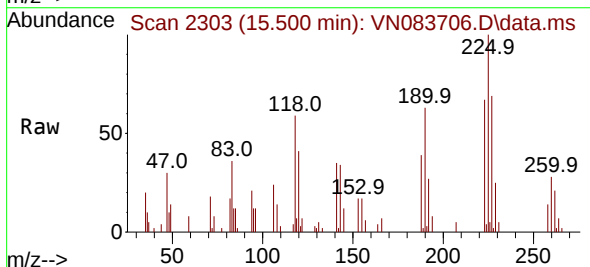
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

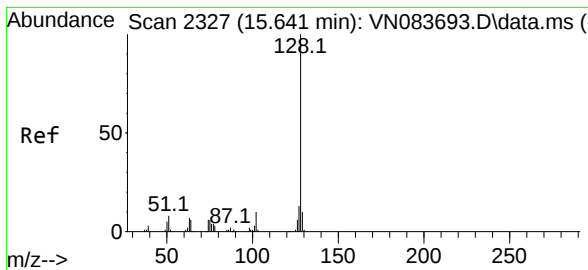
Supervised By :Mahesh
Dadoda
09/10/2024



#90
Hexachlorobutadiene
Concen: 18.674 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

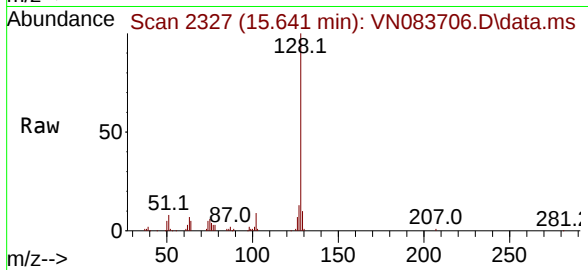
Tgt Ion:225 Resp: 17487
Ion Ratio Lower Upper
225 100
223 60.6 0.0 126.6
227 65.1 0.0 126.6





#91
Naphthalene
Concen: 17.154 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

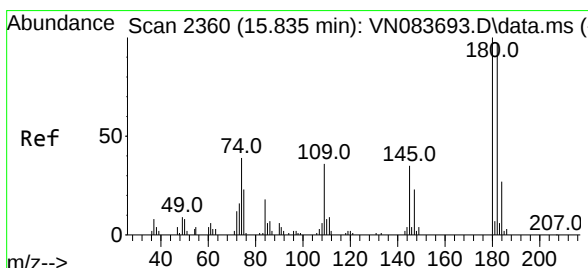
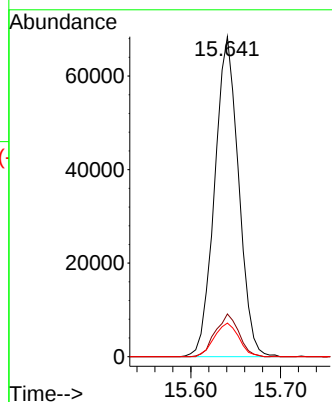
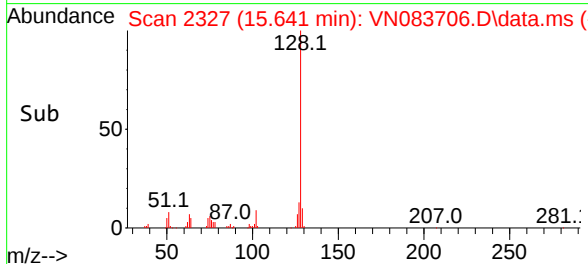


Tgt Ion:128 Resp: 126878
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.8 8.6 13.0

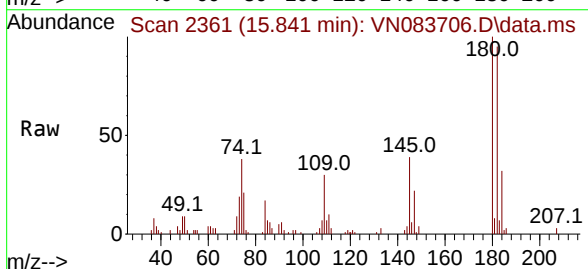
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

Supervised By :Mahesh
Dadoda
09/10/2024



#92
1,2,3-Trichlorobenzene
Concen: 16.843 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN083706.D
Acq: 09 Sep 2024 08:57



Tgt Ion:180 Resp: 38107
Ion Ratio Lower Upper
180 100
182 94.1 0.0 191.0
145 35.0 0.0 71.0

