

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
 Data File : VN082112.D
 Acq On : 13 May 2024 21:32
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: May 14 11:36:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 14 11:29:16 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

05/14/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Bromochloromethane	7.812	128	23414	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	136463	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	119914	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	64922	33.118	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 110.400%#	
60) 4-Bromofluorobenzene	12.853	95	57459	28.792	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 95.967%	
63) Toluene-d8	10.571	98	179638	31.544	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 105.133%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	23007	17.311	ug/l	87
3) Chloromethane	2.365	50	33556	21.770	ug/l	99
4) Vinyl Chloride	2.518	62	33316	22.881	ug/l	99
5) Bromomethane	2.965	94	14913	19.628	ug/l	89
6) Chloroethane	3.124	64	21486	26.059	ug/l	92
7) Trichlorofluoromethane	3.500	101	40478	18.998	ug/l	86
8) Diethyl Ether	3.953	74	22054	21.382	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.371	101	26594m	18.187	ug/l	
10) 1,1-Dichloroethene	4.342	96	26830	18.752	ug/l	89
11) Methyl Iodide	4.589	142	25286m	19.348	ug/l	
12) Methyl Acetate	5.030	43	47453m	25.944	ug/l	
13) Acrolein	4.183	56	36242	95.146	ug/l	100
14) Acrylonitrile	5.724	53	94090	115.215	ug/l	97
15) Acetone	4.424	58	19697	106.948	ug/l	87
16) Carbon Disulfide	4.712	76	65564	16.561	ug/l #	94
17) Allyl chloride	5.024	41	52876	20.647	ug/l	89
18) Methylene Chloride	5.283	84	34470	21.200	ug/l #	76
19) trans-1,2-Dichloroethene	5.794	96	29228	19.626	ug/l	92
20) Diisopropyl ether	6.677	45	130267	23.467	ug/l	94
21) 1,1-Dichloroethane	6.571	63	67617	23.005	ug/l #	94
22) cis-1,2-Dichloroethene	7.488	96	38103	20.949	ug/l	92
23) tert-Butyl Alcohol	5.518	59	32670	97.102	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	108818	21.120	ug/l	96
25) Chloroform	7.971	83	61986	21.921	ug/l	99
26) Cyclohexane	8.259	56	47489	18.796	ug/l #	83
29) 1,1-Dichloropropene	8.371	75	40990	20.176	ug/l	84
30) 2-Butanone	7.483	43	123310	117.748	ug/l	93
31) 2,2-Dichloropropane	7.488	77	46294	22.236	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	47168	20.187	ug/l #	93
33) Carbon Tetrachloride	8.359	117	36267	19.126	ug/l	96
34) Benzene	8.606	78	142441	21.977	ug/l	94
35) Methacrylonitrile	7.782	41	30852	23.286	ug/l	93
36) 1,2-Dichloroethane	8.677	62	47746	21.945	ug/l	97
37) Trichloroethene	9.347	130	27995	17.635	ug/l	88
38) Methylcyclohexane	9.606	83	40122	16.348	ug/l	92
39) 1,2-Dichloropropane	9.624	63	39940	24.016	ug/l	94
40) Dibromomethane	9.706	93	23882	22.354	ug/l	67
41) Bromodichloromethane	9.888	83	49427	21.645	ug/l	94
42) Vinyl Acetate	6.606	43	498408	111.816	ug/l #	93

05/14/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) Ethyl Acetate	7.559	43	52466	22.900	ug/l	99	05/14/2024
44) Isopropyl Acetate	8.688	43	96852	23.895	ug/l #	86	
45) 1,4-Dioxane	9.694	88	13527	416.103	ug/l #	90	
46) Methyl methacrylate	9.682	41	43979	23.748	ug/l	88	
47) n-amyl Acetate	12.494	43	82917	22.685	ug/l #	88	
48) t-1,3-Dichloropropene	10.835	75	50065	20.218	ug/l	98	
49) cis-1,3-Dichloropropene	10.312	75	56660	21.641	ug/l #	76	
50) 1,1,2-Trichloroethane	11.018	97	33961	23.430	ug/l	92	
51) Ethyl methacrylate	10.876	69	57134	20.885	ug/l	70	
52) 1,3-Dichloropropane	11.165	76	60117	22.575	ug/l	99	
53) Dibromochloromethane	11.359	129	31852	20.198	ug/l	95	
54) 1,2-Dibromoethane	11.470	107	31284	21.642	ug/l	97	
55) 2-Chloroethyl vinyl ether	10.159	63	160697	117.473	ug/l #	94	
56) Bromoform	12.582	173	17978	18.731	ug/l #	91	
58) 4-Methyl-2-Pentanone	10.447	43	287940	123.672	ug/l #	84	
59) 2-Hexanone	11.200	43	210847m	122.135	ug/l		
61) Tetrachloroethene	11.106	164	19380	14.565	ug/l	94	
62) Toluene	10.635	91	139724	20.709	ug/l	99	
64) Chlorobenzene	11.894	112	85067	20.614	ug/l	98	
65) 1,1,1,2-Tetrachloroethane	11.959	131	27325	20.230	ug/l	89	
66) Ethyl Benzene	11.965	91	147642	19.963	ug/l	98	
67) m/p-Xylenes	12.070	106	106387	38.799	ug/l	95	
68) o-Xylene	12.400	106	53901	19.868	ug/l	98	
69) Styrene	12.412	104	94564	20.765	ug/l	97	
70) Isopropylbenzene	12.694	105	134919	19.582	ug/l	99	
71) 1,1,2,2-Tetrachloroethane	12.941	83	48949	24.687	ug/l	98	
72) 1,2,3-Trichloropropane	12.994	75	42551m	26.227	ug/l		
73) Bromobenzene	12.982	156	28480	19.310	ug/l	73	
74) n-propylbenzene	13.035	91	163915	20.150	ug/l	96	
75) 2-Chlorotoluene	13.129	91	102351	20.353	ug/l	98	
76) 1,3,5-Trimethylbenzene	13.176	105	108793	19.507	ug/l	96	
77) t-1,4-Dichloro-2-butene	12.741	75	16197	19.621	ug/l	89	
78) 4-Chlorotoluene	13.223	91	98197	19.932	ug/l	100	
79) tert-butylbenzene	13.441	119	92866	19.340	ug/l	98	
80) 1,2,4-Trimethylbenzene	13.482	105	111863	19.969	ug/l	96	
81) sec-Butylbenzene	13.617	105	127858	18.995	ug/l	97	
82) p-Isopropyltoluene	13.729	119	98327	18.474	ug/l	95	
83) 1,3-Dichlorobenzene	13.735	146	50534	19.028	ug/l	99	
84) 1,4-Dichlorobenzene	13.812	146	49787	18.651	ug/l	97	
85) n-Butylbenzene	14.059	91	94858	19.511	ug/l	98	
86) Hexachloroethane	14.335	117	18890	17.800	ug/l	77	
87) 1,2-Dichlorobenzene	14.106	146	49247	18.618	ug/l	93	
88) 1,2-Dibromo-3-Chloropr...	14.717	75	8692	19.536	ug/l	89	
89) 1,2,4-Trichlorobenzene	15.847	180	26692	18.327	ug/l	95	
90) Hexachlorobutadiene	15.506	225	8447	15.660	ug/l	96	
91) Naphthalene	15.641	128	101852	18.396	ug/l	99	
92) 1,2,3-Trichlorobenzene	15.847	180	26692	18.327	ug/l	95	

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

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ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

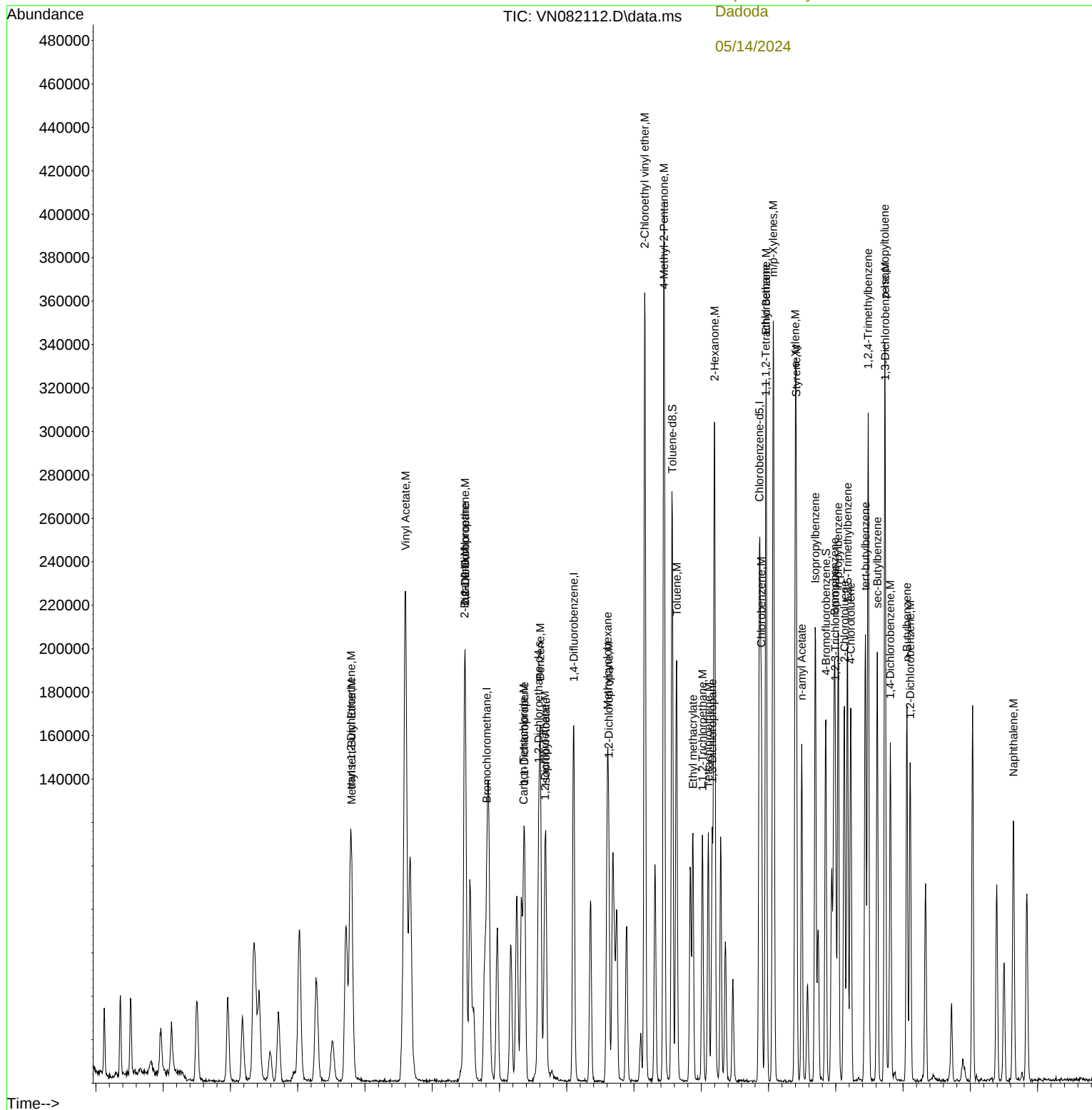
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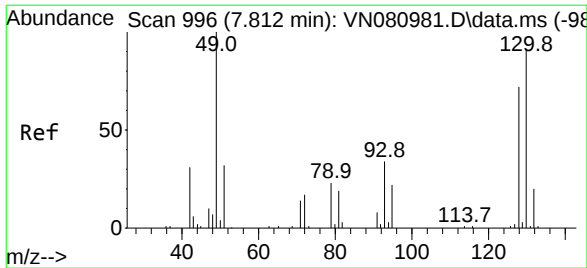
Manual Integrations
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Reviewed By :John
Carlone

05/14/2024
Supervised By :Mahesh
Dadoda

05/14/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
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VSTDCCC020EC

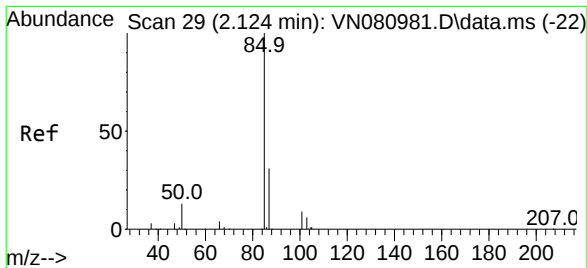
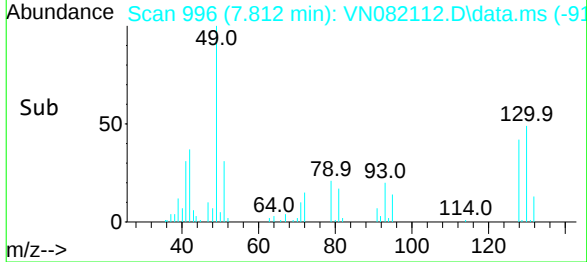
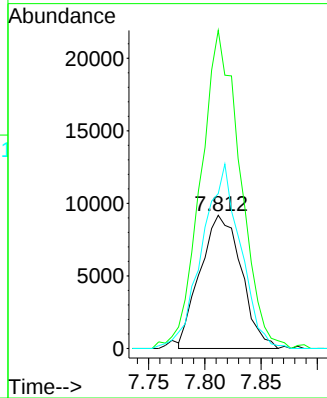
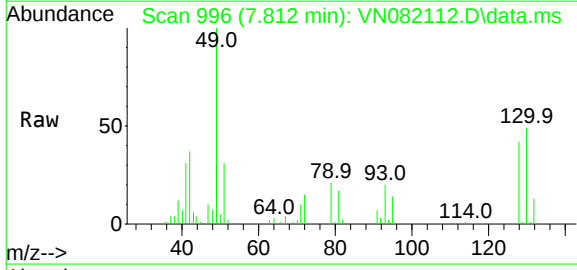
Tgt Ion:128 Resp: 23414
Ion Ratio Lower Upper
128 100
49 228.7 0.0 403.7
130 128.7 0.0 323.3

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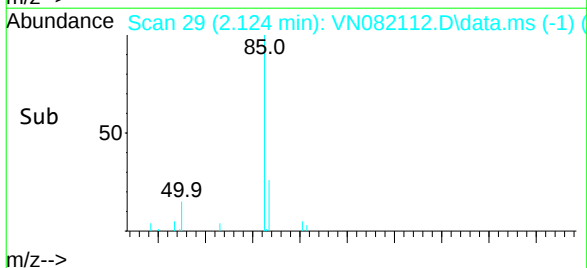
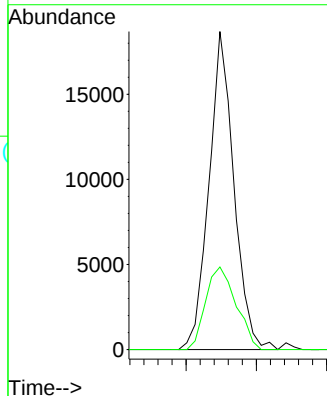
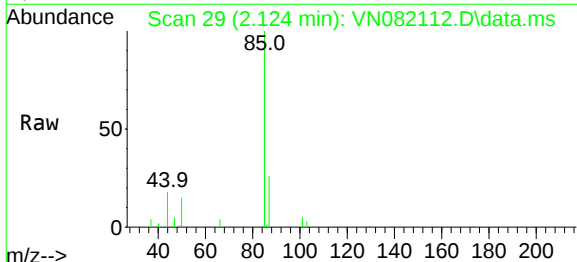
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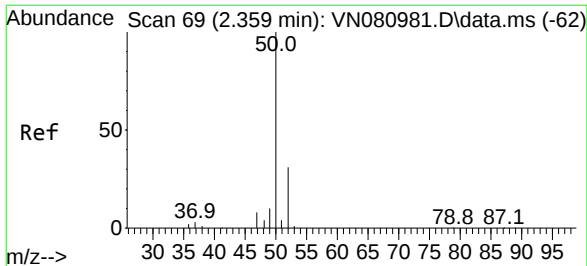
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#2
Dichlorodifluoromethane
Concen: 17.311 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 85 Resp: 23007
Ion Ratio Lower Upper
85 100
87 26.0 16.8 50.3





#3
Chloromethane
Concen: 21.770 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

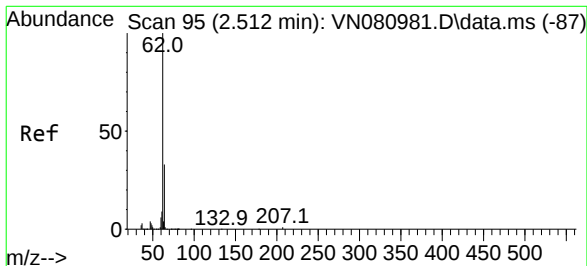
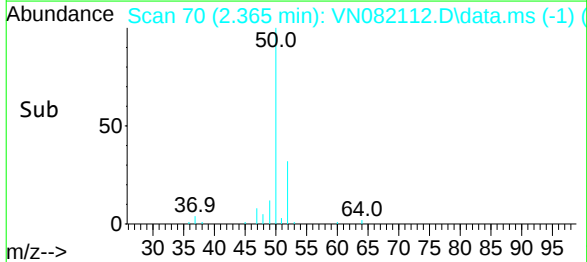
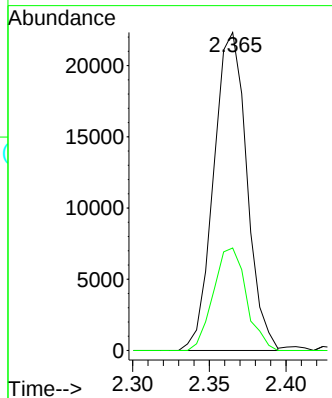
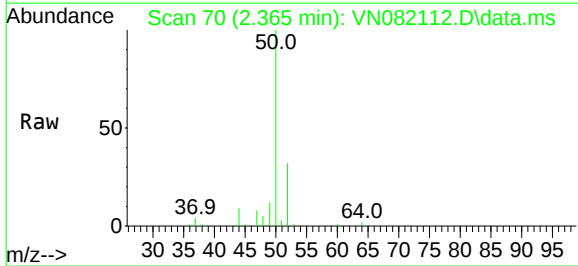
Tgt Ion: 50 Resp: 33556
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.0

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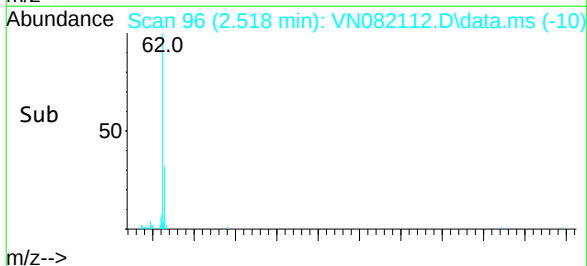
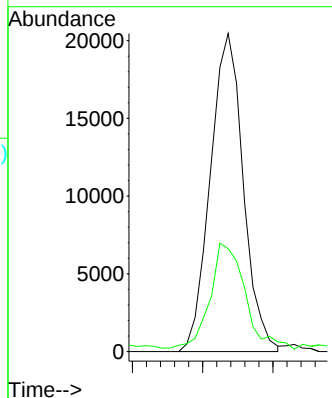
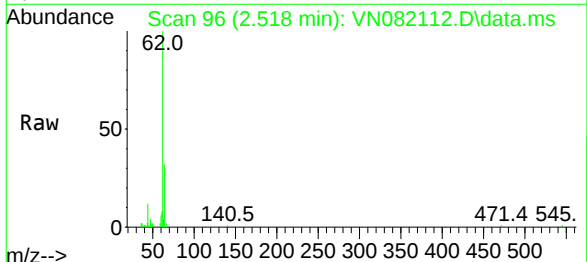
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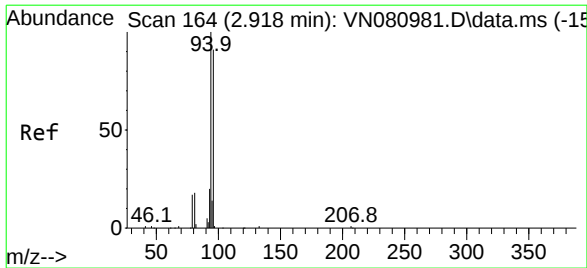
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#4
Vinyl Chloride
Concen: 22.881 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 62 Resp: 33316
Ion Ratio Lower Upper
62 100
64 30.4 24.1 36.1





#5
Bromomethane
Concen: 19.628 ug/l
RT: 2.965 min Scan# 171
Delta R.T. 0.047 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
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ClientSampleId :
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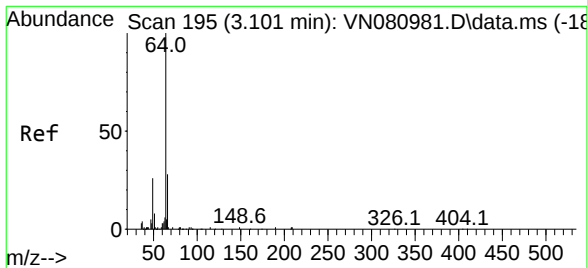
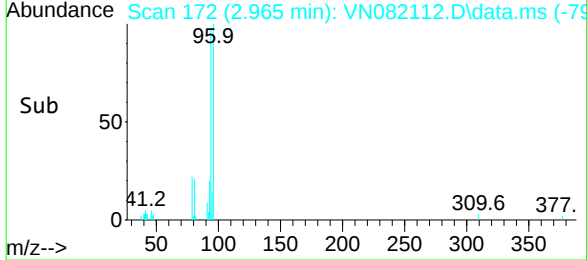
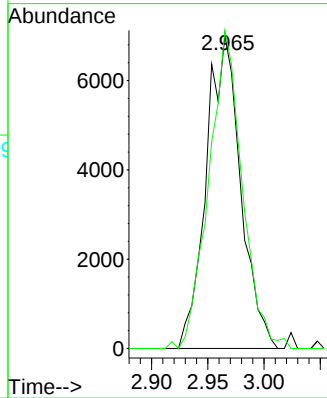
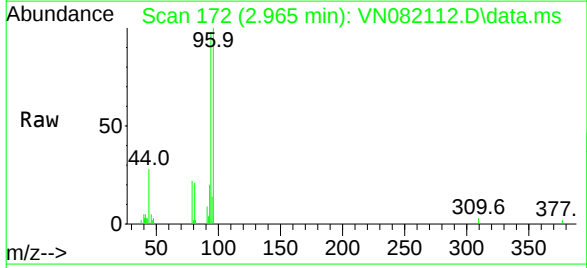
Tgt Ion: 94 Resp: 14913
Ion Ratio Lower Upper
94 100
96 101.8 72.8 109.2

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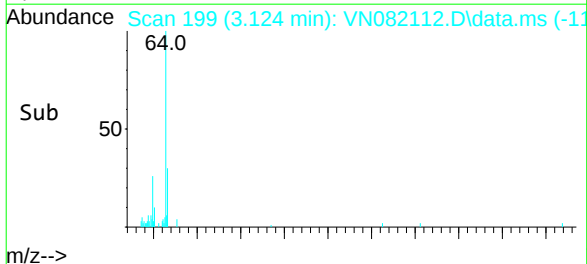
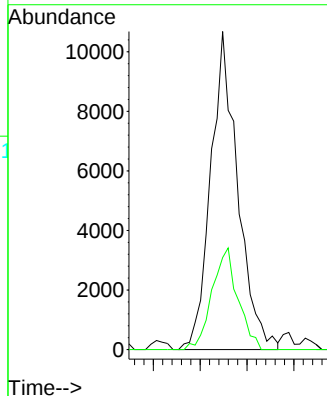
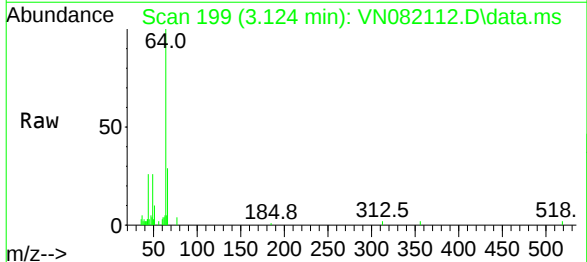
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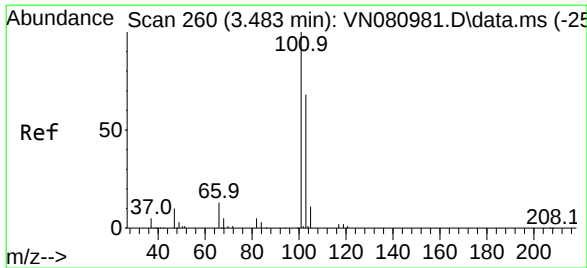
05/14/2024



#6
Chloroethane
Concen: 26.059 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.023 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 64 Resp: 21486
Ion Ratio Lower Upper
64 100
66 28.9 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 18.998 ug/l
 RT: 3.500 min Scan# 260
 Delta R.T. 0.018 min
 Lab File: VN082112.D
 Acq: 13 May 2024 21:32

Instrument :
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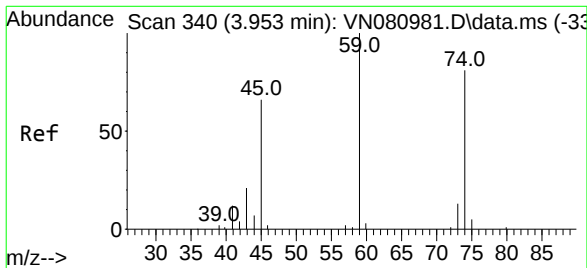
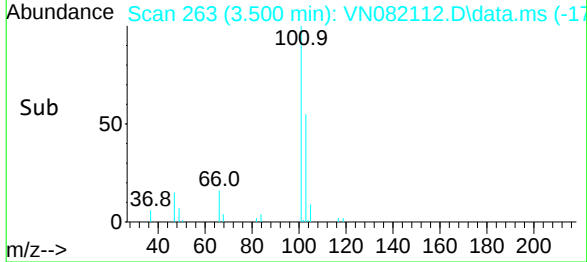
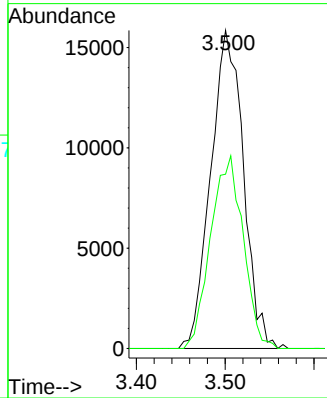
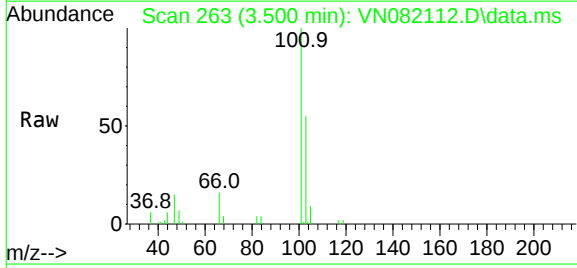
Tgt Ion:101 Resp: 40478
 Ion Ratio Lower Upper
 101 100
 103 54.8 53.0 79.4

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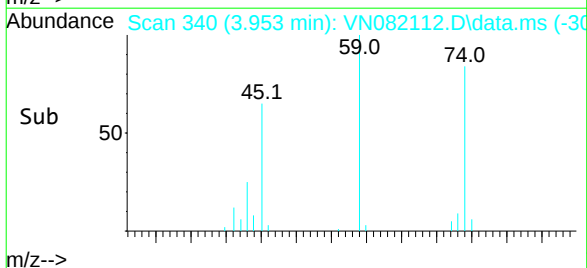
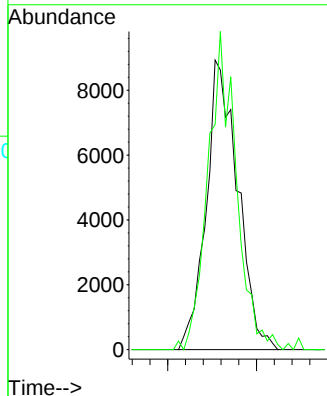
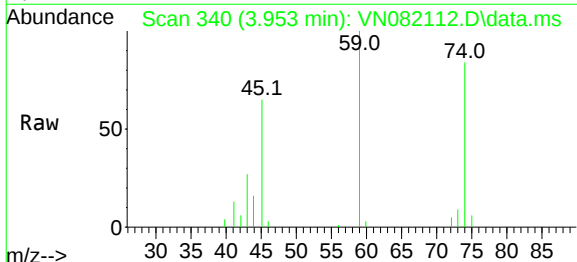
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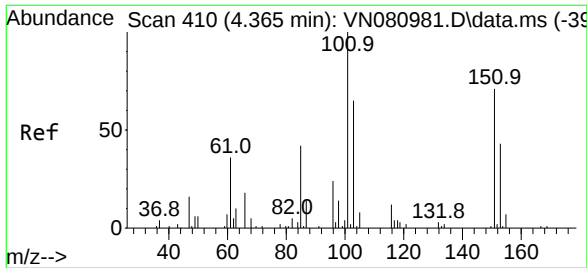
05/14/2024



#8
 Diethyl Ether
 Concen: 21.382 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VN082112.D
 Acq: 13 May 2024 21:32

Tgt Ion: 74 Resp: 22054
 Ion Ratio Lower Upper
 74 100
 45 98.0 16.4 147.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.187 ug/l m
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN082112.D
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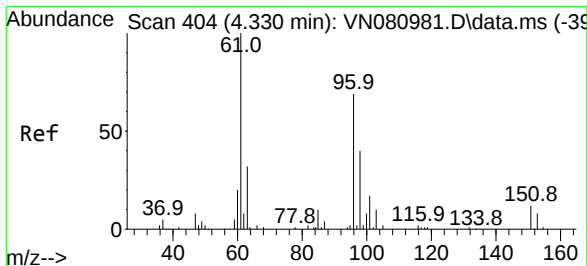
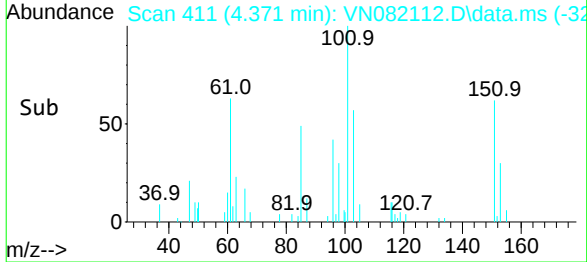
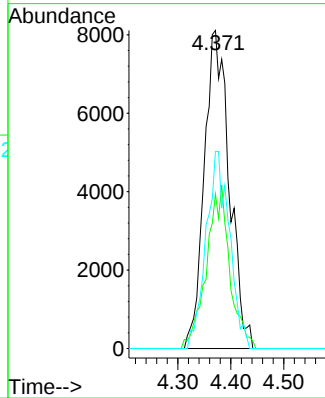
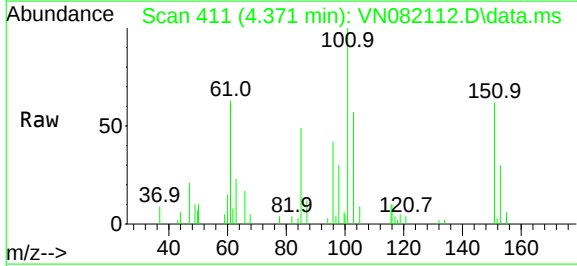
Tgt Ion	Ratio	Lower	Upper
101	100		
85	26.8	0.0	90.6
151	57.8	0.0	157.6

Manual Integrations
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Reviewed By :John
Carlone

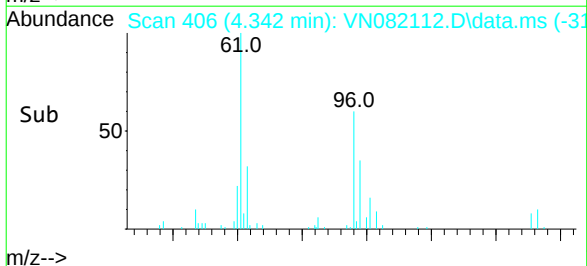
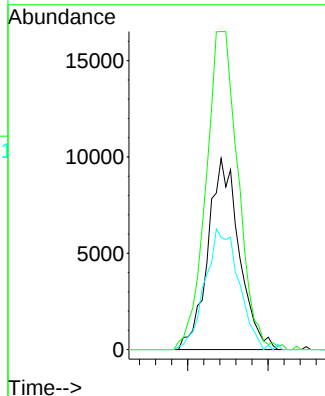
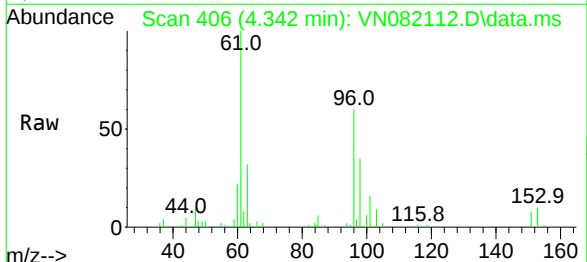
05/14/2024
Supervised By :Mahesh
Dadoda

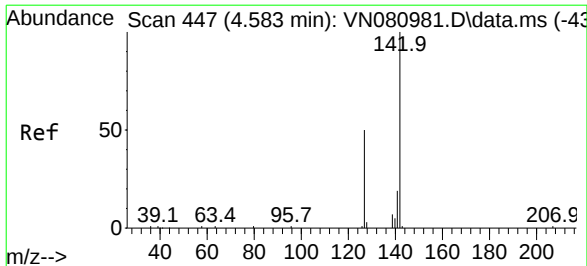
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#10
1,1-Dichloroethene
Concen: 18.752 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.8	117.6	176.4
98	57.2	48.4	72.6





#11

Methyl Iodide

Concen: 19.348 ug/l m

RT: 4.589 min Scan# 447

Delta R.T. 0.006 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:	142	Resp:	25286
Ion	Ratio	Lower	Upper
142	100		
127	35.4	26.3	78.9
141	11.9	8.3	24.9

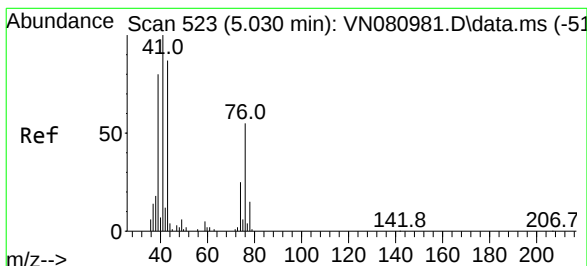
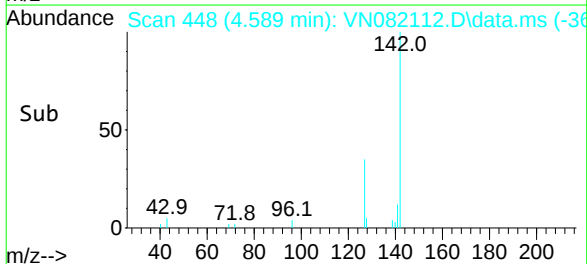
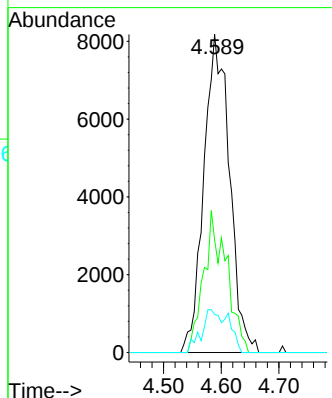
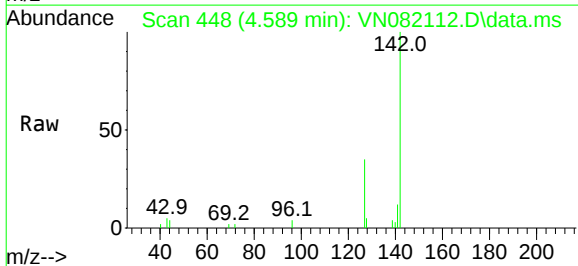
Manual Integrations
APPROVED

Reviewed By :John
Carlone

05/14/2024

Supervised By :Mahesh
Dadoda

05/14/2024



#12

Methyl Acetate

Concen: 25.944 ug/l m

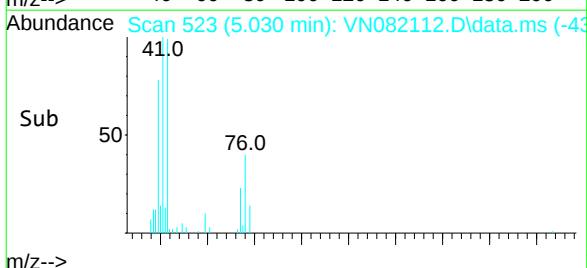
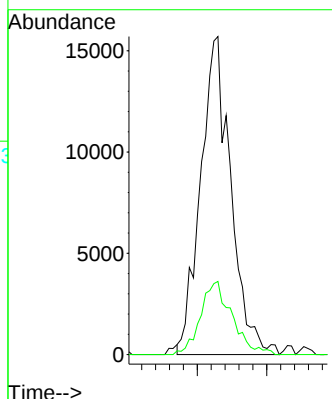
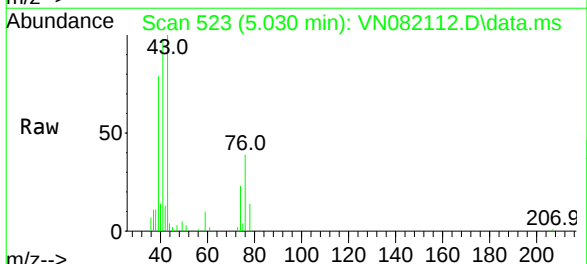
RT: 5.030 min Scan# 523

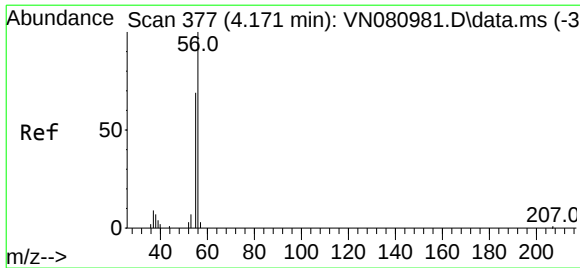
Delta R.T. -0.000 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

Tgt Ion:	43	Resp:	47453
Ion	Ratio	Lower	Upper
43	100		
74	23.0	27.7	41.5#





#13
Acrolein
Concen: 95.146 ug/l
RT: 4.183 min Scan# 377
Delta R.T. 0.012 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

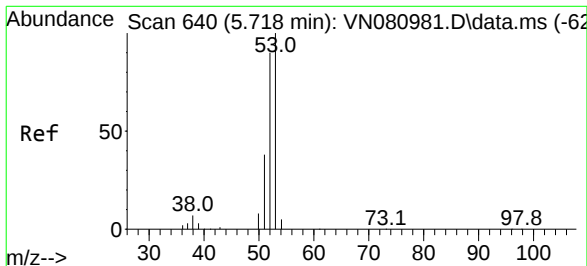
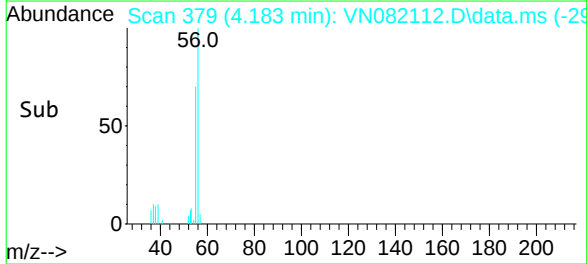
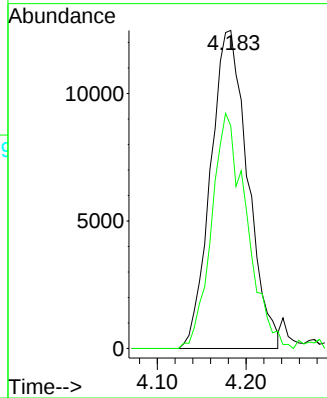
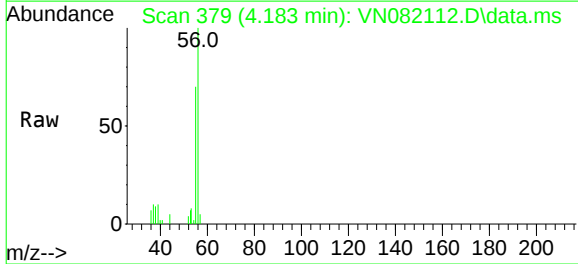
Tgt Ion: 56 Resp: 36242
Ion Ratio Lower Upper
56 100
55 69.8 55.5 83.3

Manual Integrations
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Reviewed By :John
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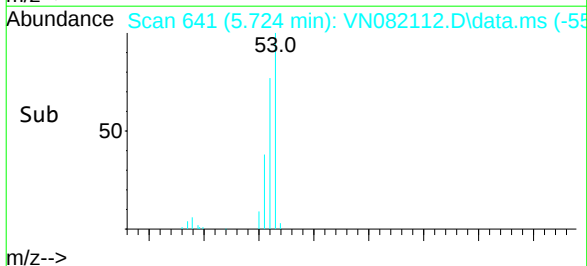
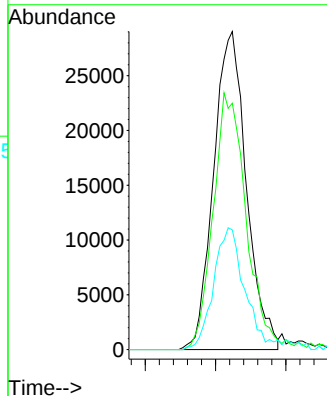
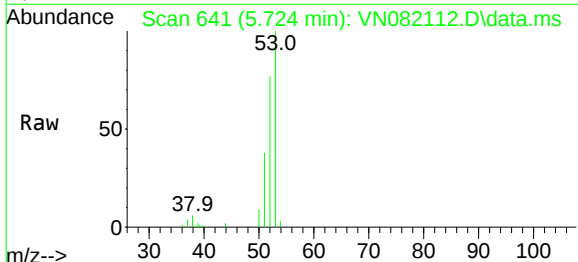
05/14/2024
Supervised By :Mahesh
Dadoda

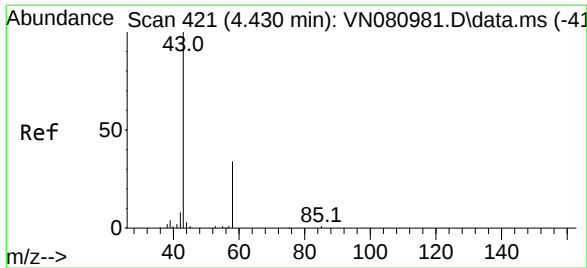
05/14/2024



#14
Acrylonitrile
Concen: 115.215 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

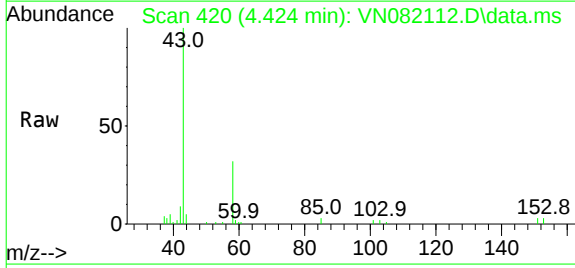
Tgt Ion: 53 Resp: 94090
Ion Ratio Lower Upper
53 100
52 80.6 41.3 123.9
51 35.6 16.8 50.3





#15
Acetone
Concen: 106.948 ug/l
RT: 4.424 min Scan# 421
Delta R.T. -0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



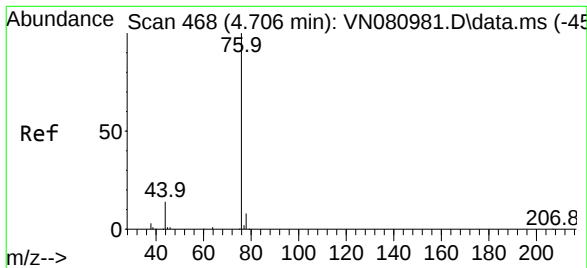
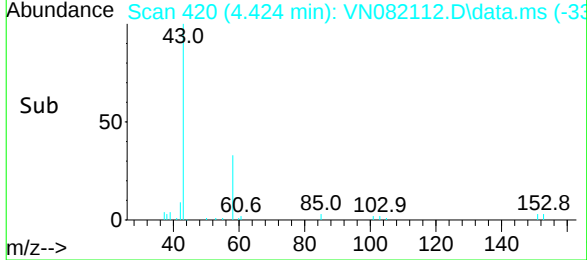
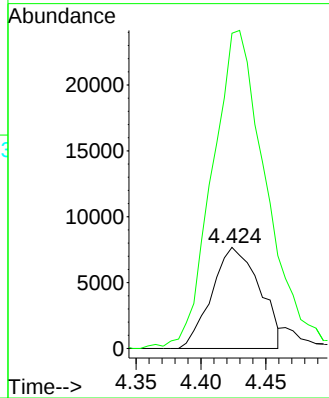
Tgt Ion: 58 Resp: 19697
Ion Ratio Lower Upper
58 100
43 302.5 223.1 334.7

Manual Integrations
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Reviewed By :John
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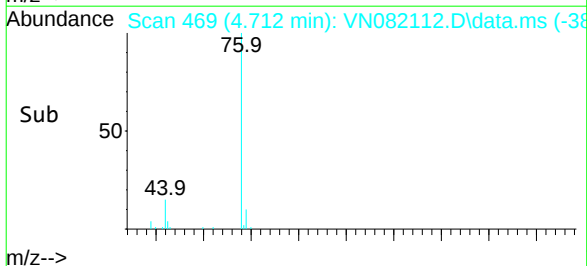
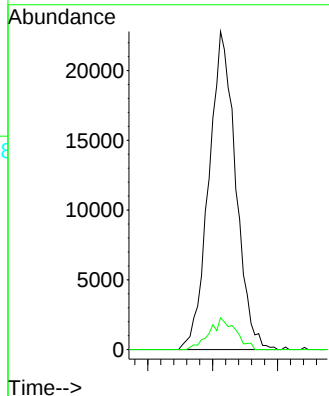
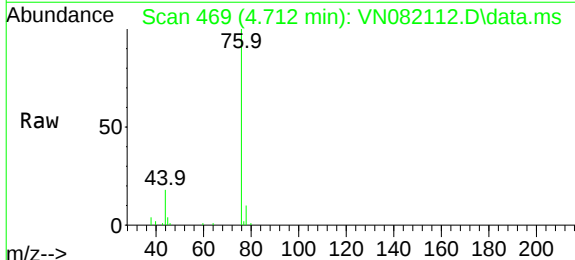
05/14/2024
Supervised By :Mahesh
Dadoda

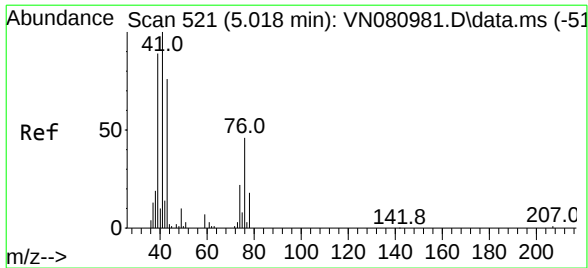
05/14/2024



#16
Carbon Disulfide
Concen: 16.561 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 76 Resp: 65564
Ion Ratio Lower Upper
76 100
78 10.0 6.3 9.5#





#17
Allyl chloride
Concen: 20.647 ug/l
RT: 5.024 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

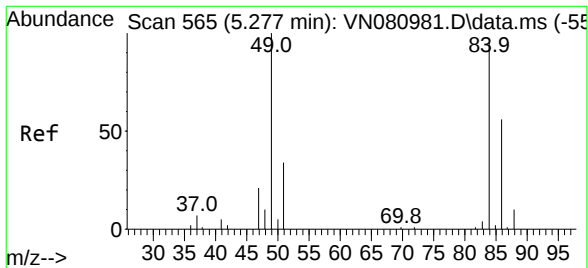
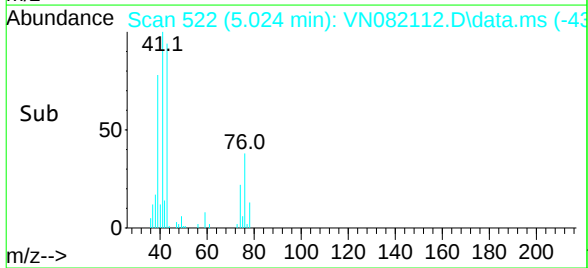
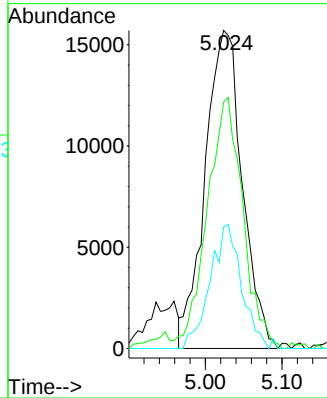
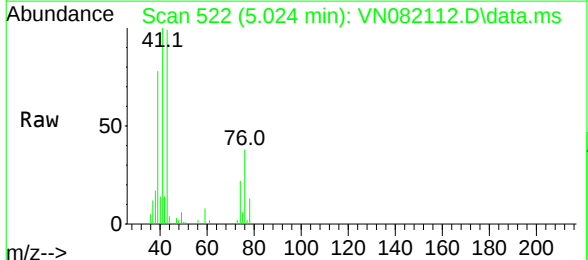
Tgt Ion:	41	Resp:	52876
Ion	Ratio	Lower	Upper
41	100		
39	75.9	37.6	112.9
76	38.2	27.8	83.4

Manual Integrations
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Reviewed By :John
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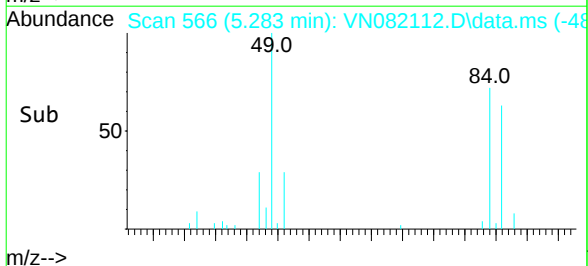
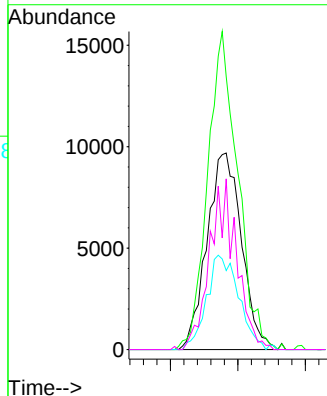
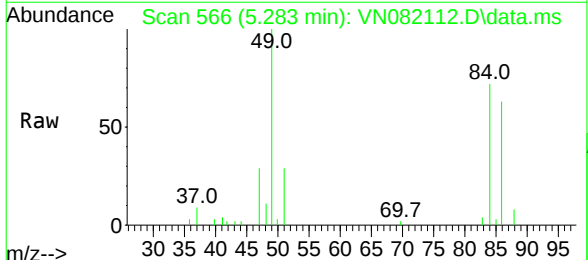
05/14/2024
Supervised By :Mahesh
Dadoda

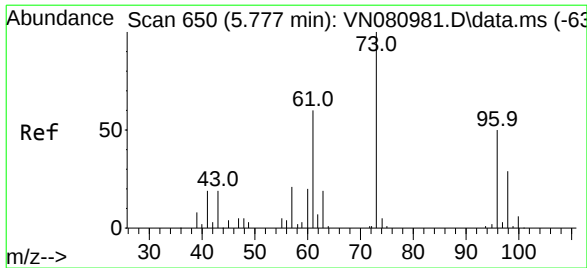
05/14/2024



#18
Methylene Chloride
Concen: 21.200 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion:	84	Resp:	34470
Ion	Ratio	Lower	Upper
84	100		
49	138.9	86.0	129.0#
51	40.2	30.0	45.0
86	86.9	53.0	79.4#





#19
trans-1,2-Dichloroethene
Concen: 19.626 ug/l
RT: 5.794 min Scan# 65
Delta R.T. 0.018 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

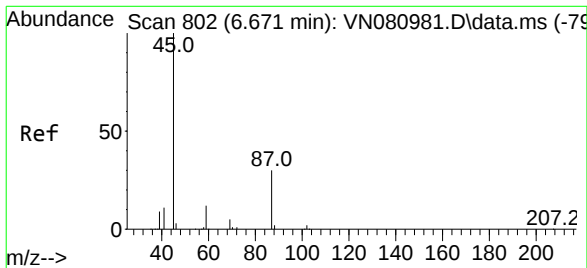
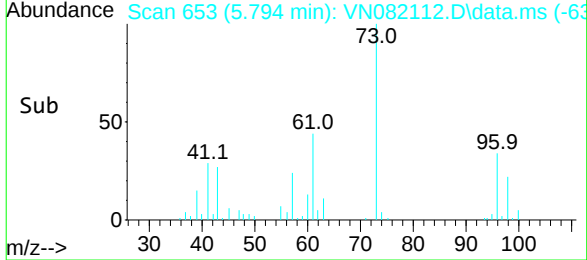
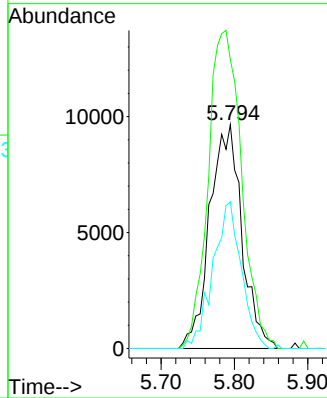
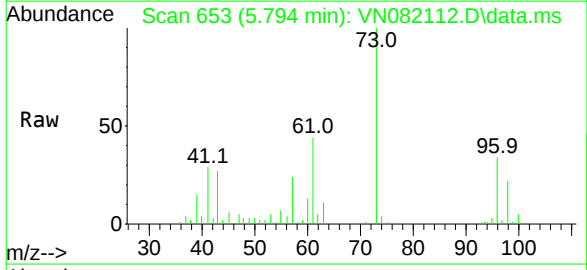
Tgt Ion:	96	Resp:	29228
Ion	Ratio	Lower	Upper
96	100		
61	129.0	111.8	167.6
98	65.5	49.2	73.8

Manual Integrations
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Reviewed By :John
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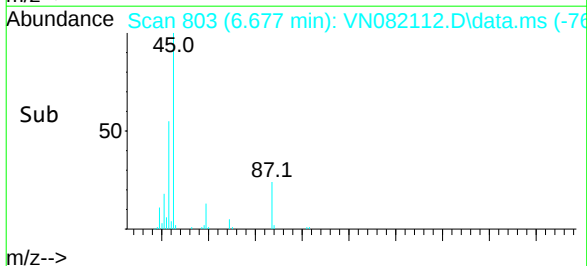
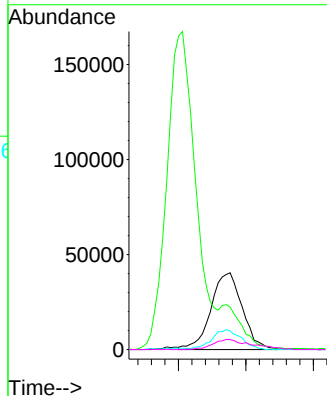
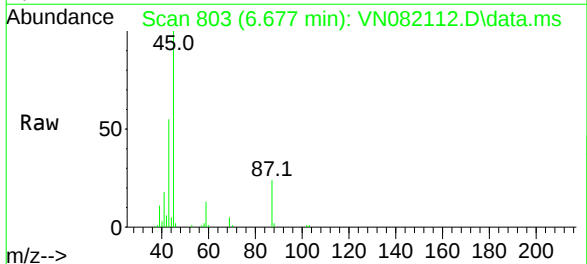
05/14/2024
Supervised By :Mahesh
Dadoda

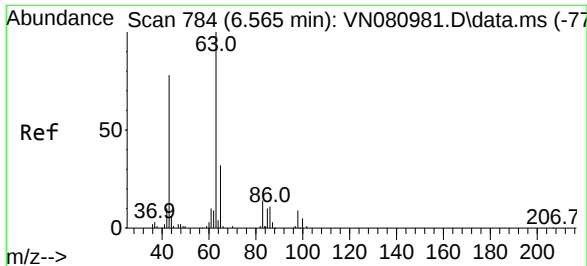
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#20
Diisopropyl ether
Concen: 23.467 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

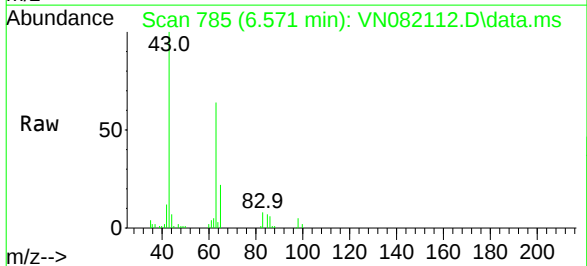
Tgt Ion:	45	Resp:	130267
Ion	Ratio	Lower	Upper
45	100		
43	53.5	40.4	60.6
87	24.3	23.8	35.8
59	13.0	9.8	14.6





#21
1,1-Dichloroethane
Concen: 23.005 ug/l
RT: 6.571 min Scan# 784
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



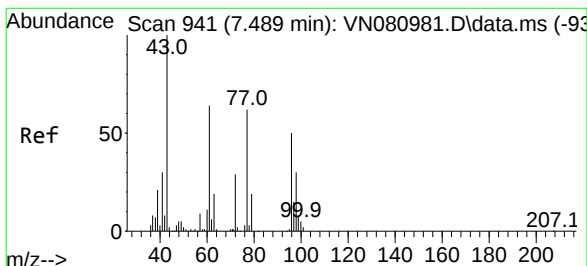
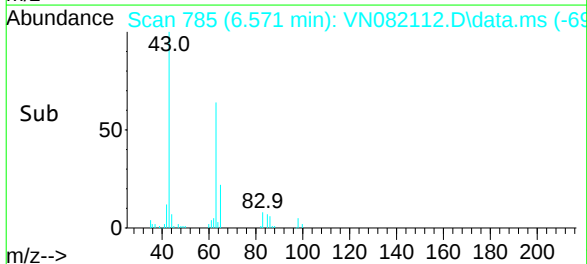
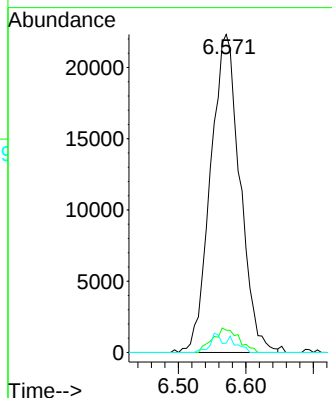
Tgt Ion: 63 Resp: 67617
Ion Ratio Lower Upper
63 100
98 7.0 4.1 12.3
100 2.9 3.0 9.0

Manual Integrations
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Reviewed By :John
Carlone

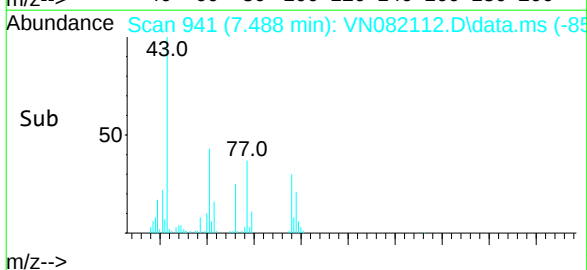
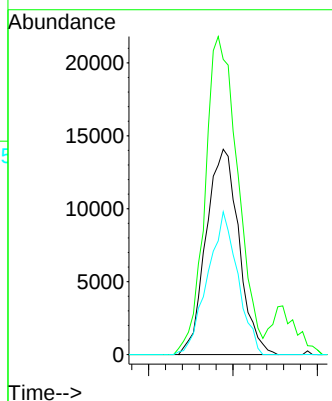
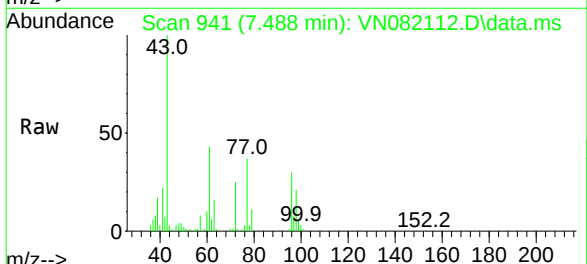
05/14/2024
Supervised By :Mahesh
Dadoda

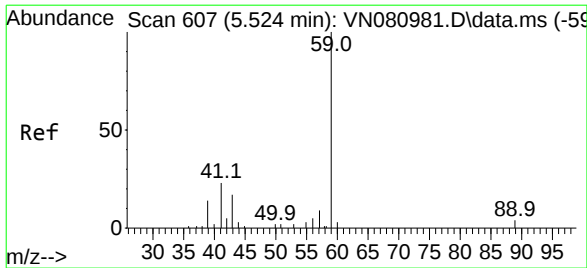
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#22
cis-1,2-Dichloroethene
Concen: 20.949 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

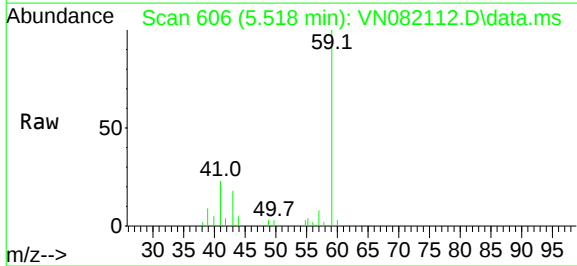
Tgt Ion: 96 Resp: 38103
Ion Ratio Lower Upper
96 100
61 154.6 113.5 170.3
98 63.6 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 97.102 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



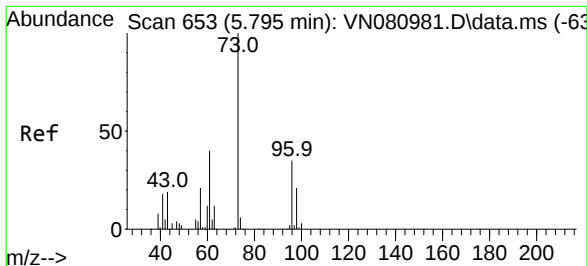
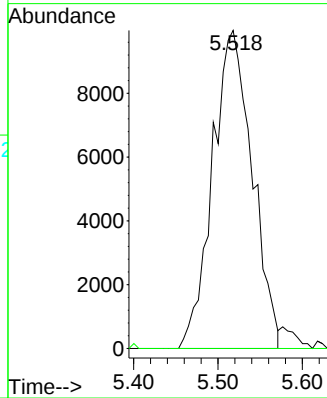
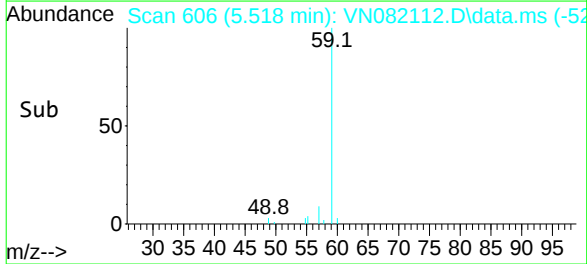
Tgt Ion: 59 Resp: 32670
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
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Reviewed By :John
Carlone

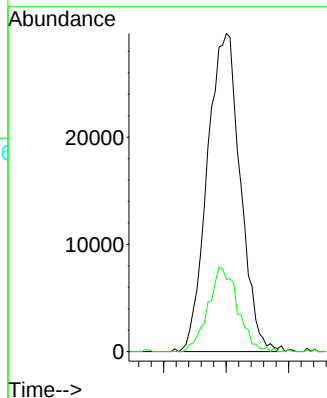
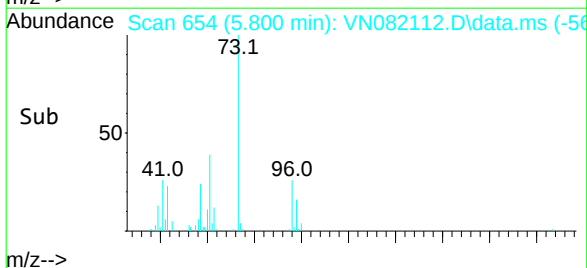
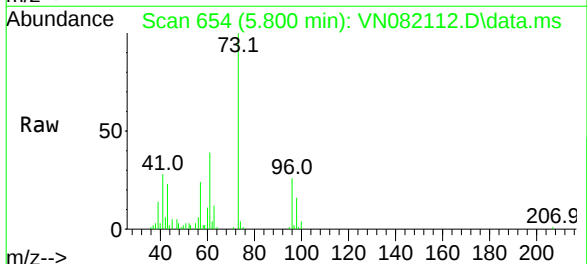
05/14/2024
Supervised By :Mahesh
Dadoda

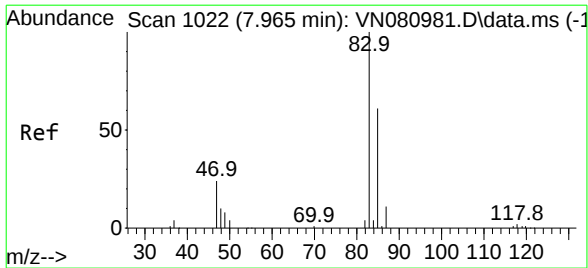
05/14/2024



#24
Methyl tert-Butyl Ether
Concen: 21.120 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 73 Resp: 108818
Ion Ratio Lower Upper
73 100
43 14.9 13.4 20.2





#25
 Chloroform
 Concen: 21.921 ug/l
 RT: 7.971 min Scan# 1023
 Delta R.T. 0.006 min
 Lab File: VN082112.D
 Acq: 13 May 2024 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

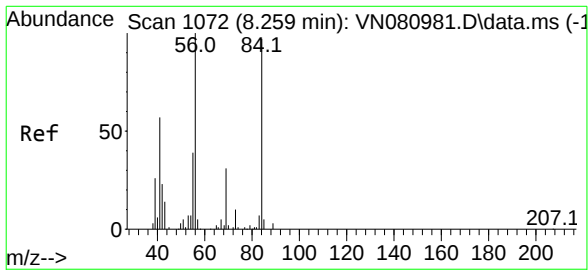
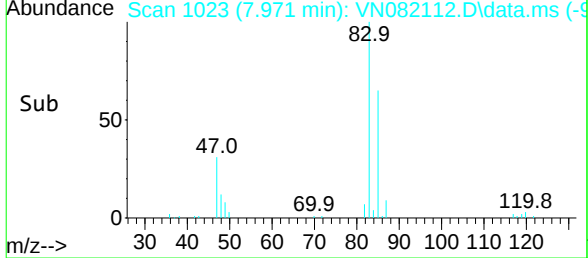
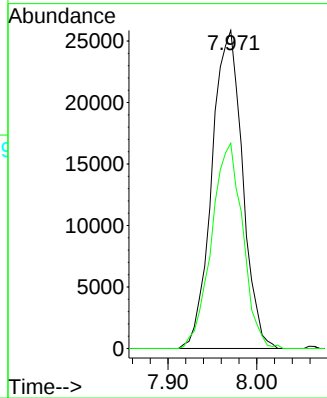
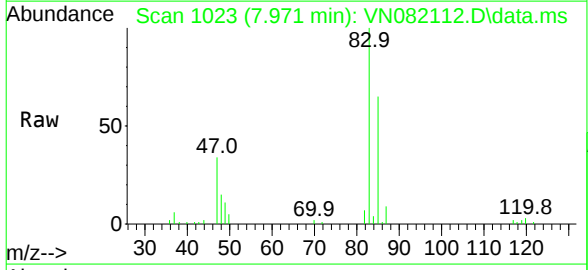
Tgt Ion:	83	Resp:	61986
Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.9	76.3

Manual Integrations
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Reviewed By :John
 Carlone

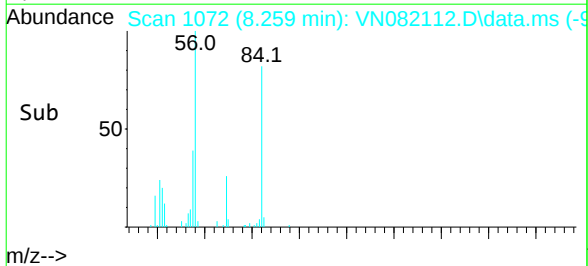
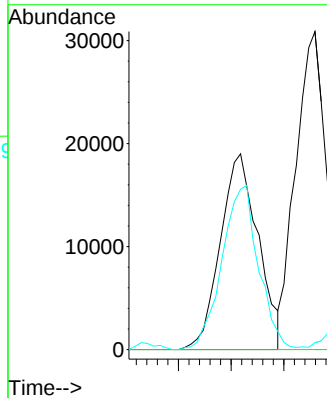
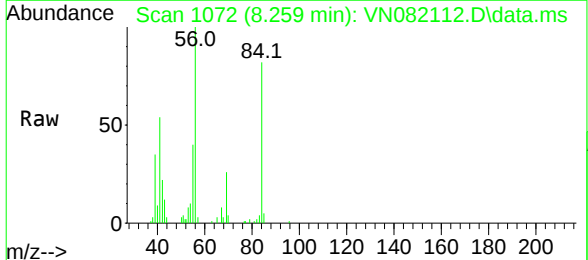
05/14/2024
 Supervised By :Mahesh
 Dadoda

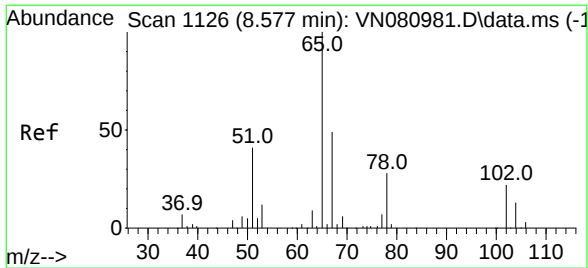
05/14/2024



#26
 Cyclohexane
 Concen: 18.796 ug/l
 RT: 8.259 min Scan# 1072
 Delta R.T. -0.000 min
 Lab File: VN082112.D
 Acq: 13 May 2024 21:32

Tgt Ion:	56	Resp:	47489
Ion	Ratio	Lower	Upper
56	100		
89	0.0	19.3	28.9#
84	80.8	71.3	106.9





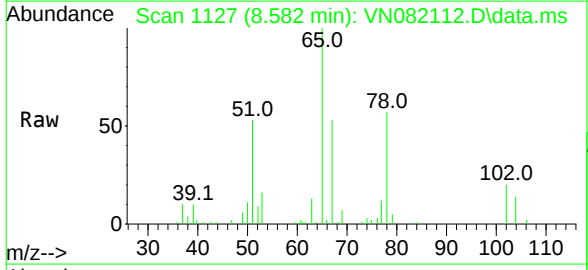
#27
1,2-Dichloroethane-d4
Concen: 33.118 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



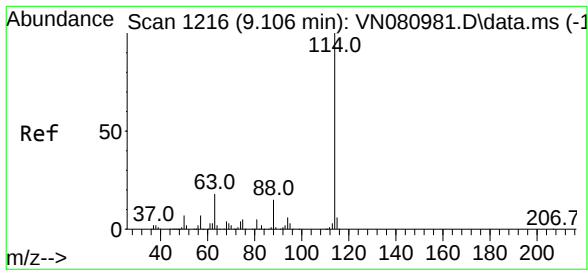
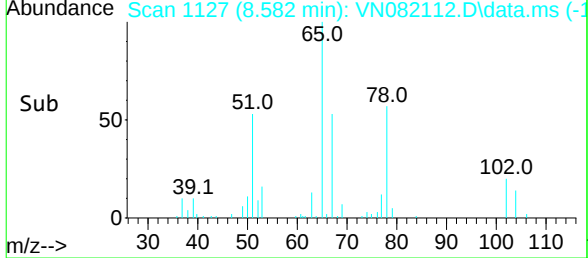
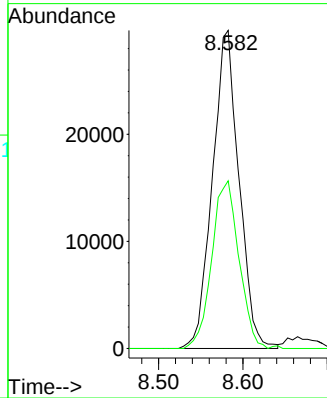
Tgt Ion: 65 Resp: 64922
Ion Ratio Lower Upper
65 100
67 53.9 43.2 64.8

Manual Integrations
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Reviewed By :John
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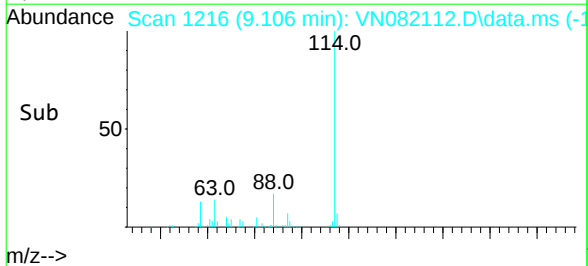
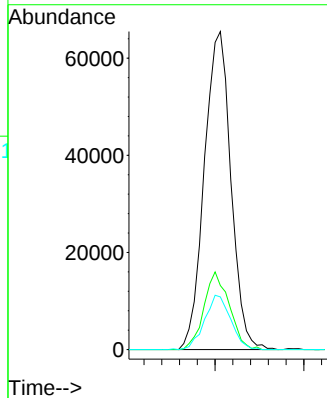
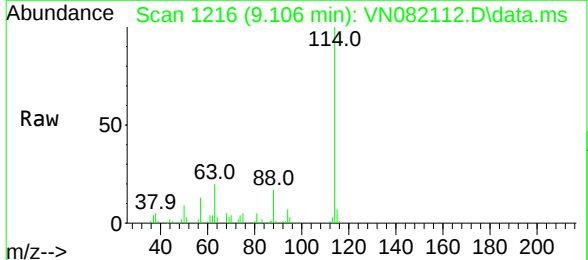
05/14/2024
Supervised By :Mahesh
Dadoda

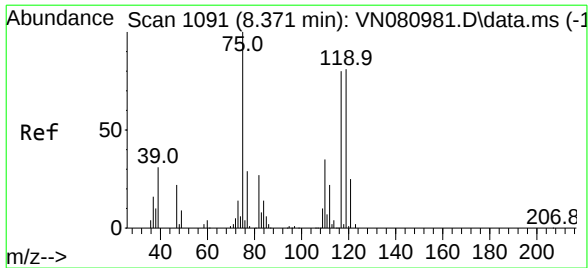
05/14/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion:114 Resp: 136463
Ion Ratio Lower Upper
114 100
63 23.2 15.9 23.9
88 16.7 12.7 19.1





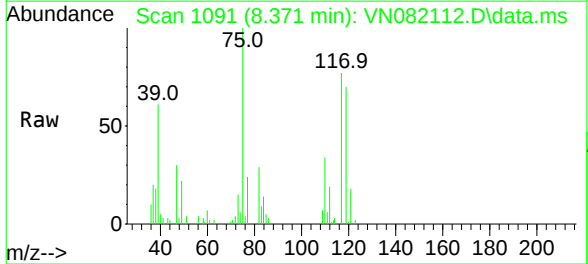
#29
 1,1-Dichloropropene
 Concen: 20.176 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. -0.000 min
 Lab File: VN082112.D
 Acq: 13 May 2024 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



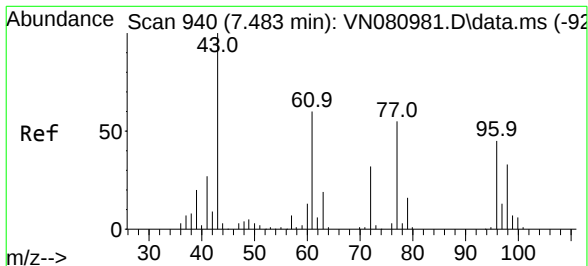
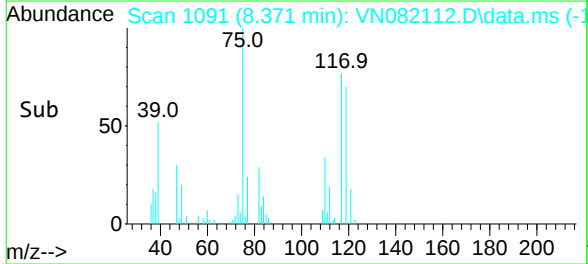
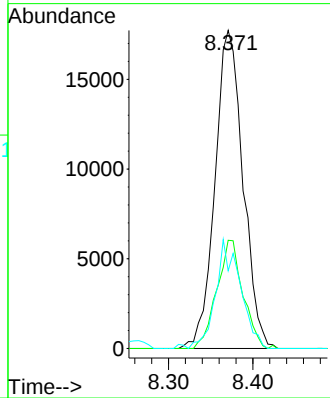
Tgt Ion:	75	Resp:	40990
Ion	Ratio	Lower	Upper
75	100		
110	31.5	0.0	70.2
77	16.3	0.0	61.4

Manual Integrations
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Reviewed By :John
 Carlone

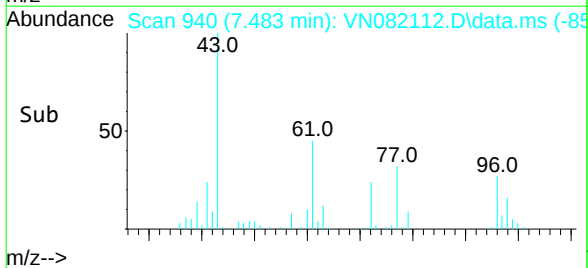
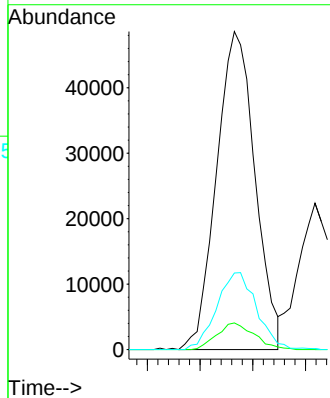
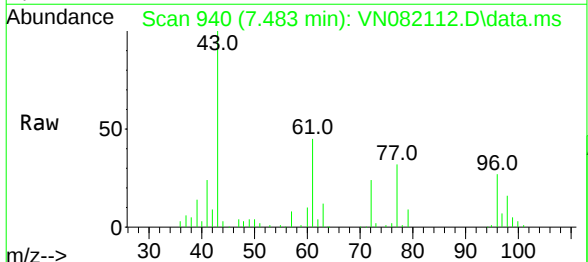
05/14/2024
 Supervised By :Mahesh
 Dadoda

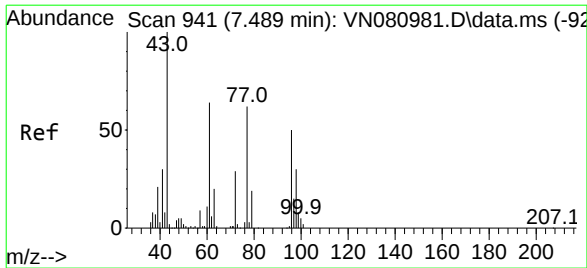
05/14/2024



#30
 2-Butanone
 Concen: 117.748 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN082112.D
 Acq: 13 May 2024 21:32

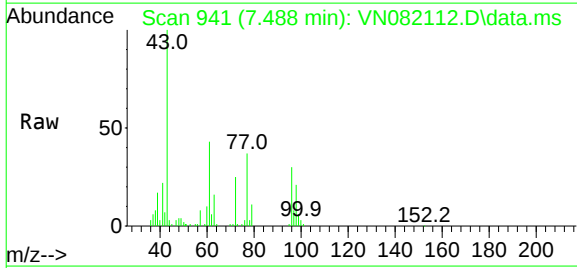
Tgt Ion:	43	Resp:	123310
Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.7	10.1
72	24.9	24.0	36.0





#31
2,2-Dichloropropane
Concen: 22.236 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



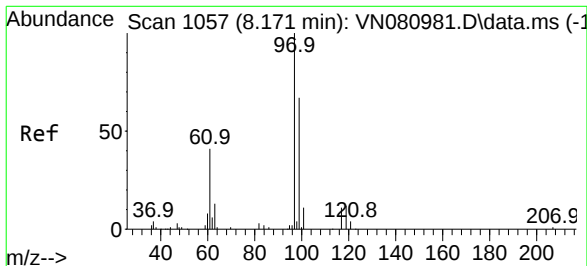
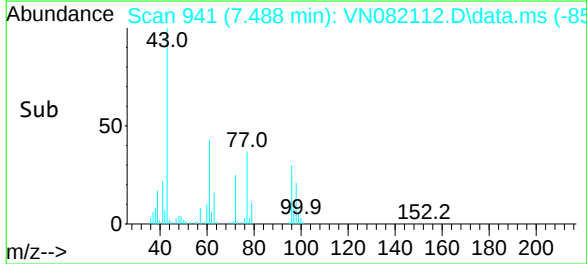
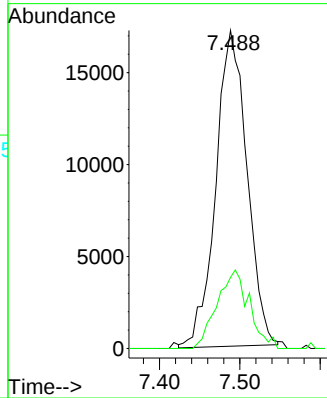
Tgt Ion: 77 Resp: 46294
Ion Ratio Lower Upper
77 100
97 25.3 18.3 27.5

Manual Integrations
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Reviewed By :John
Carlone

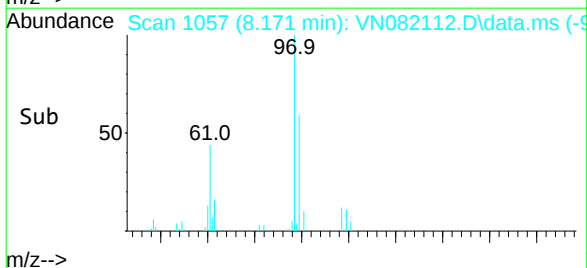
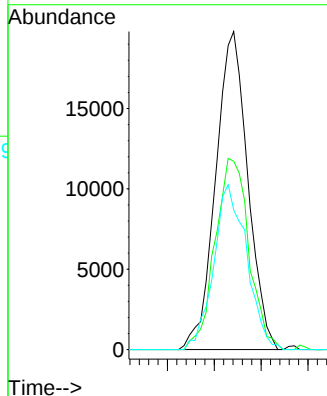
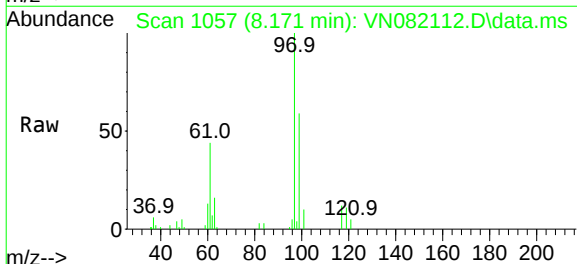
05/14/2024
Supervised By :Mahesh
Dadoda

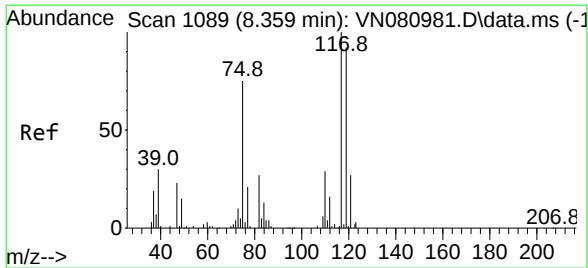
05/14/2024



#32
1,1,1-Trichloroethane
Concen: 20.187 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

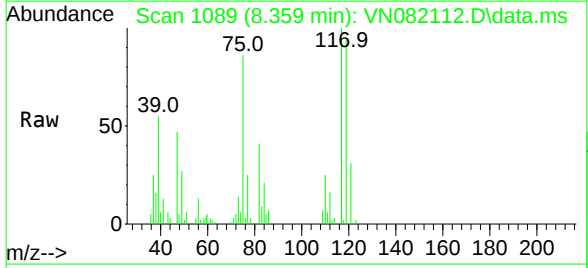
Tgt Ion: 97 Resp: 47168
Ion Ratio Lower Upper
97 100
99 63.3 51.0 76.4
61 53.1 33.8 50.8#





#33
Carbon Tetrachloride
Concen: 19.126 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



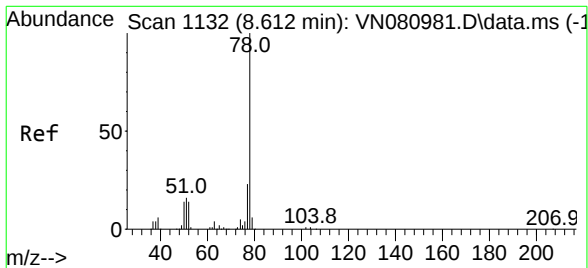
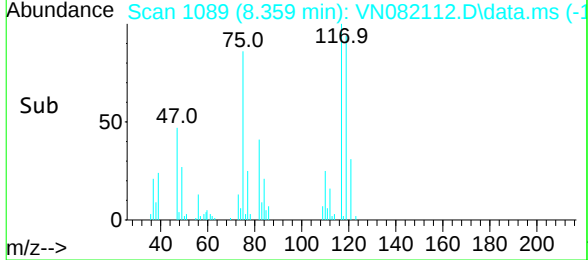
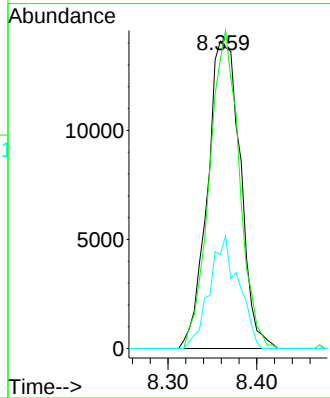
Tgt Ion: 117 Resp: 36267
Ion Ratio Lower Upper
117 100
119 94.1 77.7 116.5
121 30.6 27.0 40.6

Manual Integrations
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Reviewed By :John
Carlone

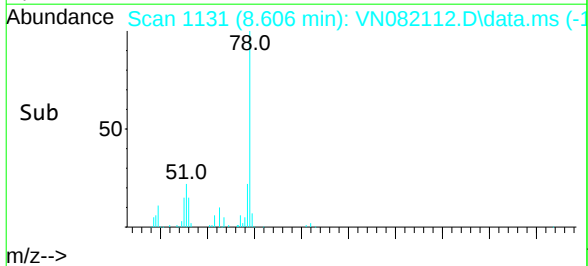
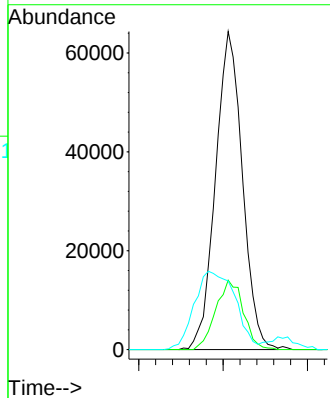
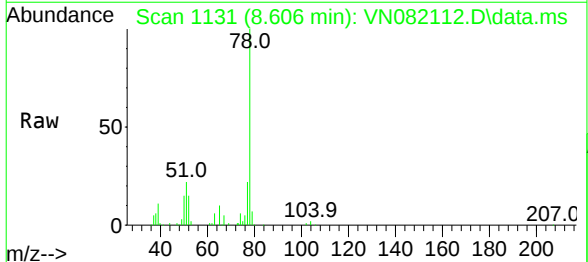
05/14/2024
Supervised By :Mahesh
Dadoda

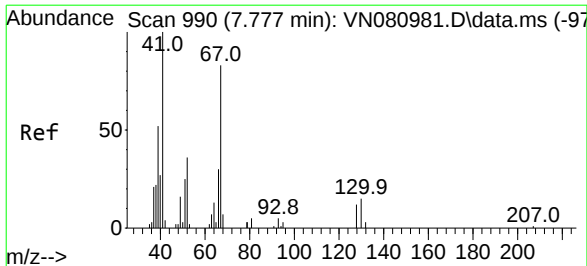
05/14/2024



#34
Benzene
Concen: 21.977 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 78 Resp: 142441
Ion Ratio Lower Upper
78 100
77 21.8 19.2 28.8
51 19.9 13.3 19.9





#35
Methacrylonitrile
Concen: 23.286 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

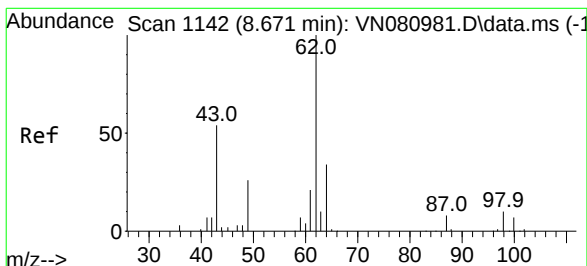
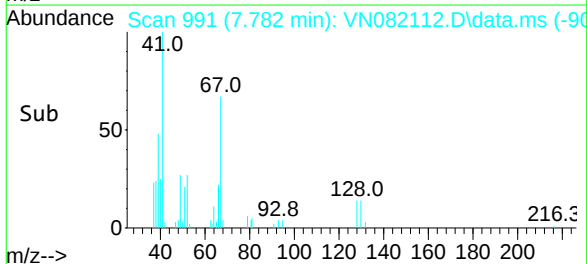
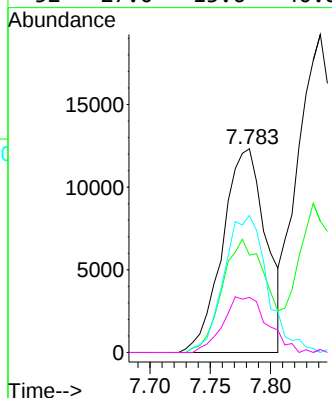
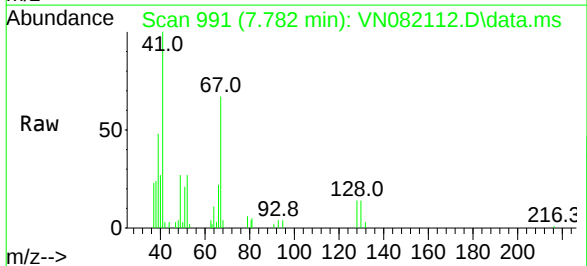
Tgt Ion:	41	Resp:	30852
Ion	Ratio	Lower	Upper
41	100		
39	47.8	25.3	75.9
67	67.3	38.7	116.1
52	27.0	13.6	40.8

Manual Integrations
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Reviewed By :John
Carlone

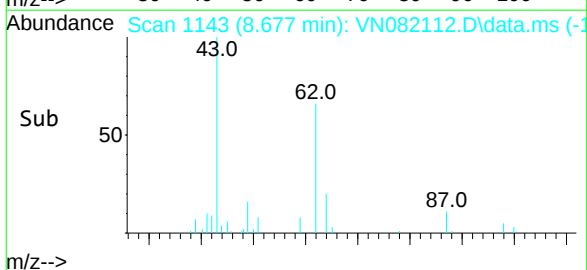
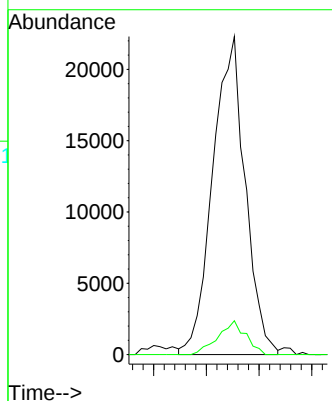
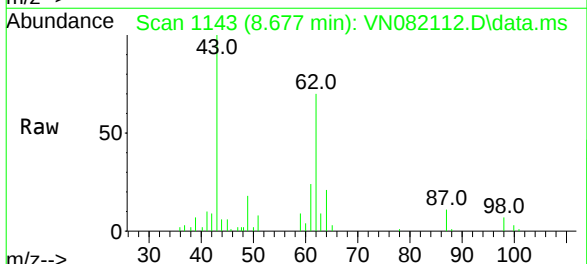
05/14/2024
Supervised By :Mahesh
Dadoda

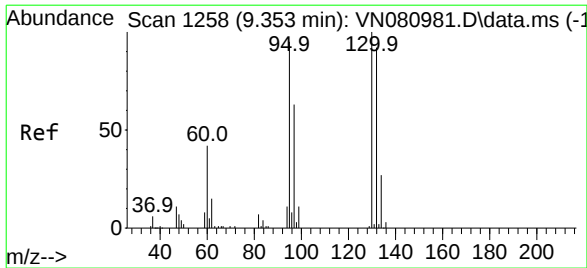
05/14/2024



#36
1,2-Dichloroethane
Concen: 21.945 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

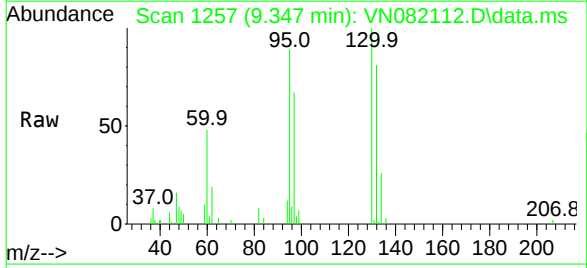
Tgt Ion:	62	Resp:	47746
Ion	Ratio	Lower	Upper
62	100		
98	9.1	8.2	12.4





#37
Trichloroethene
Concen: 17.635 ug/l
RT: 9.347 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



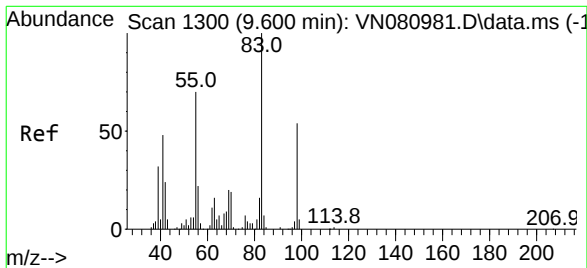
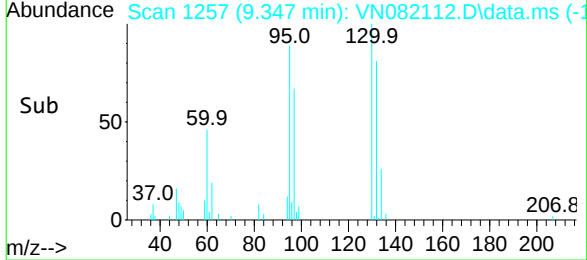
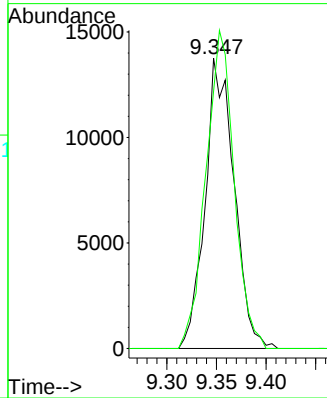
Tgt Ion:130 Resp: 27995
Ion Ratio Lower Upper
130 100
95 88.6 80.2 120.4

Manual Integrations
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Reviewed By :John
Carlone

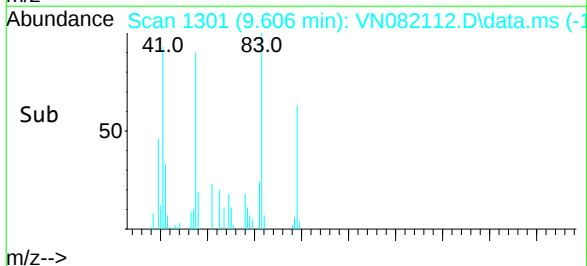
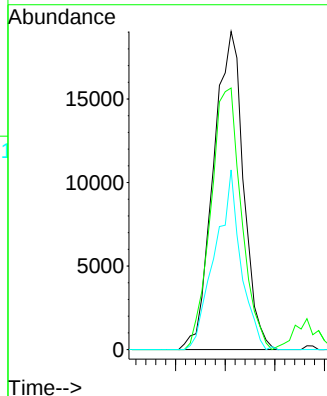
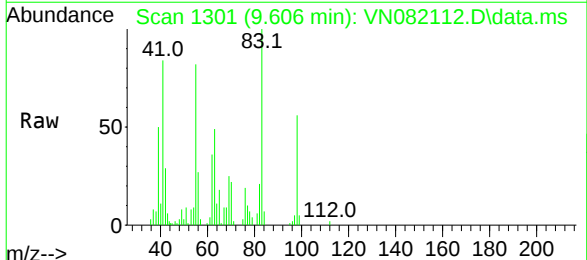
05/14/2024
Supervised By :Mahesh
Dadoda

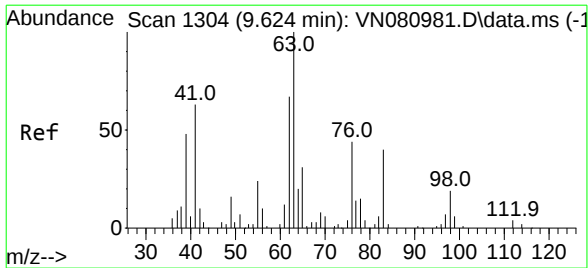
05/14/2024



#38
Methylcyclohexane
Concen: 16.348 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 83 Resp: 40122
Ion Ratio Lower Upper
83 100
55 83.5 36.6 109.9
98 48.3 23.8 71.5





#39
1,2-Dichloropropane
Concen: 24.016 ug/l
RT: 9.624 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

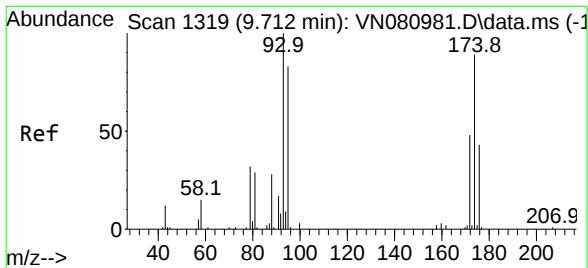
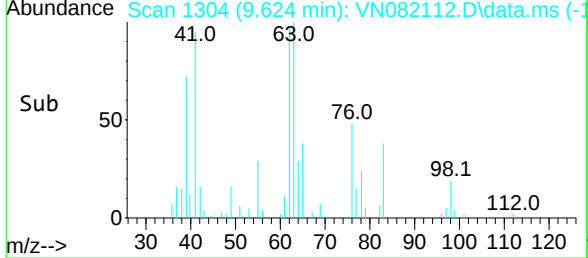
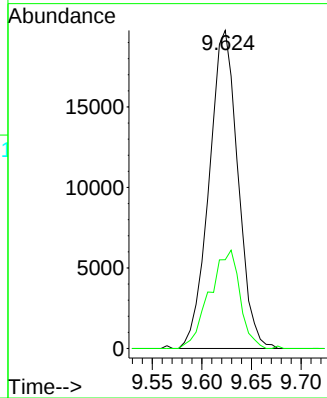
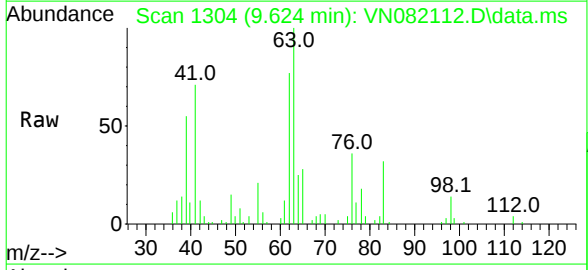
Tgt Ion: 63 Resp: 39940
Ion Ratio Lower Upper
63 100
65 27.9 25.0 37.4

Manual Integrations
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Reviewed By :John
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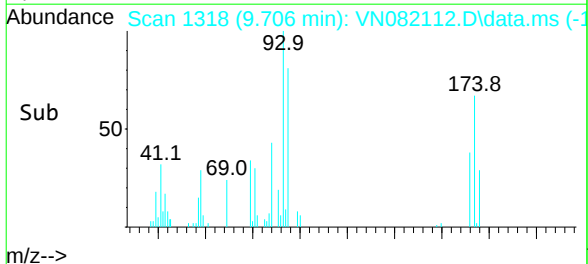
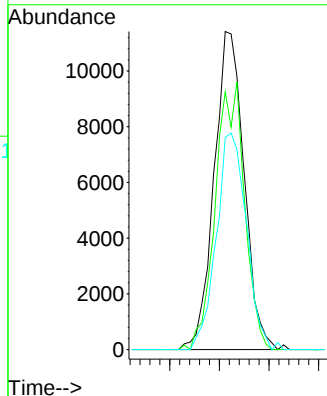
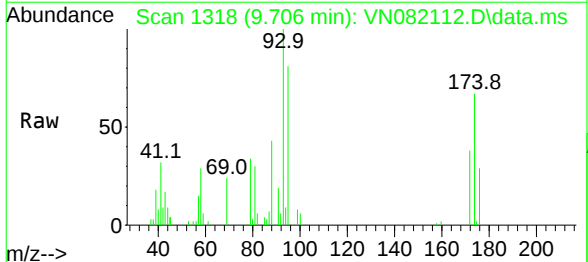
05/14/2024
Supervised By :Mahesh
Dadoda

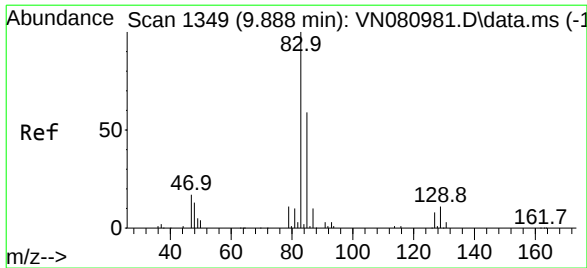
05/14/2024



#40
Dibromomethane
Concen: 22.354 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 93 Resp: 23882
Ion Ratio Lower Upper
93 100
95 49.0 0.0 164.6
174 68.3 0.0 193.2





#41
Bromodichloromethane
Concen: 21.645 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

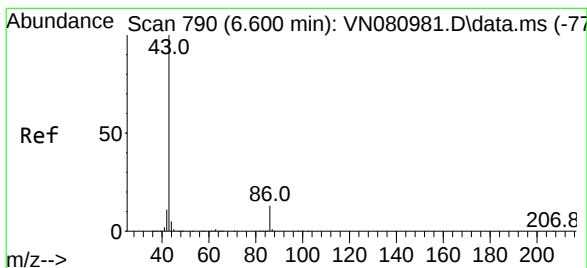
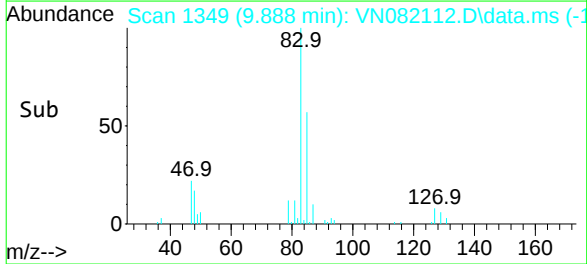
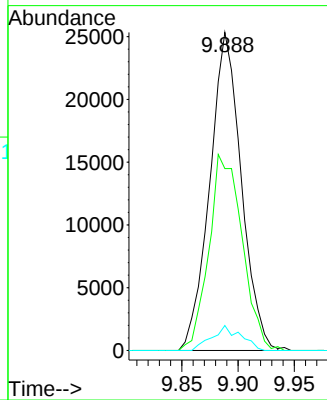
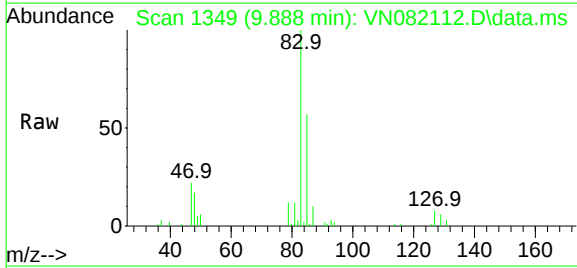
Tgt Ion: 83 Resp: 49427
Ion Ratio Lower Upper
83 100
85 57.2 49.4 74.2
127 7.9 7.3 10.9

Manual Integrations
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Reviewed By :John
Carlone

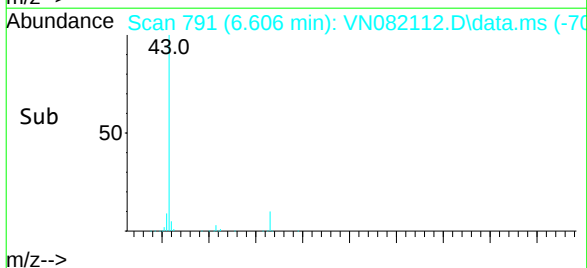
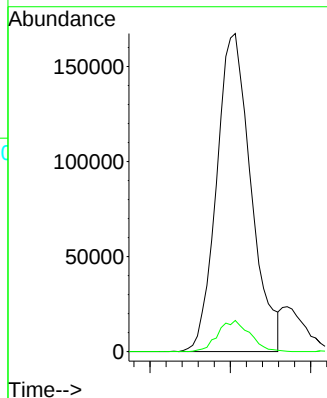
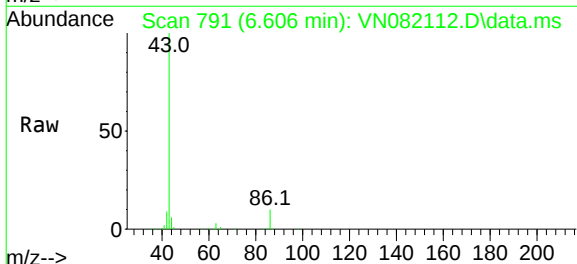
05/14/2024
Supervised By :Mahesh
Dadoda

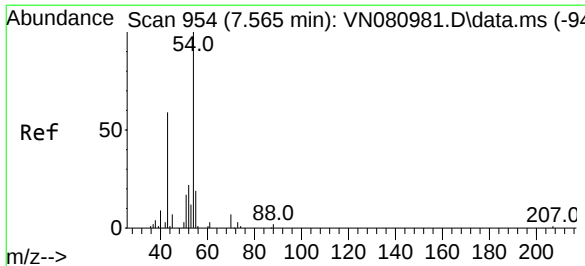
05/14/2024



#42
Vinyl Acetate
Concen: 111.816 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

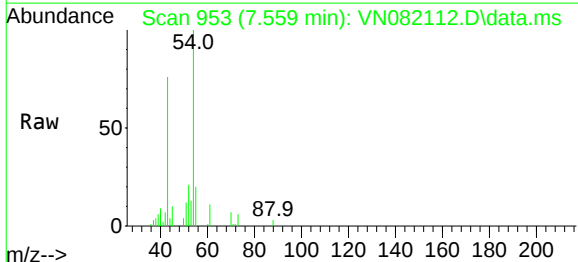
Tgt Ion: 43 Resp: 498408
Ion Ratio Lower Upper
43 100
86 9.1 9.4 14.2#





#43
Ethyl Acetate
Concen: 22.900 ug/l
RT: 7.559 min Scan# 954
Delta R.T. -0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



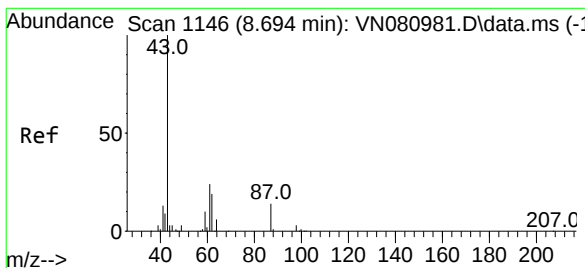
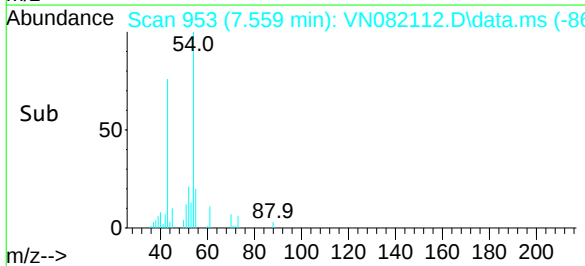
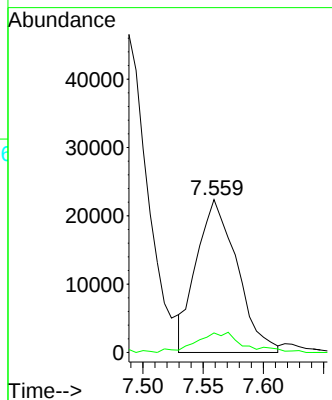
Tgt Ion: 43 Resp: 52466
Ion Ratio Lower Upper
43 100
45 12.7 10.6 15.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

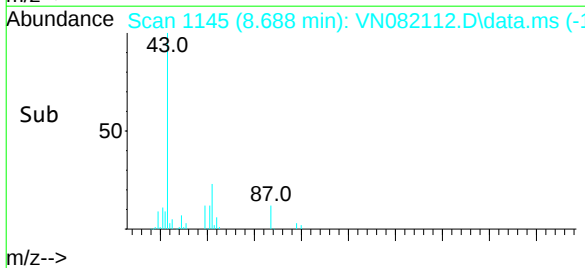
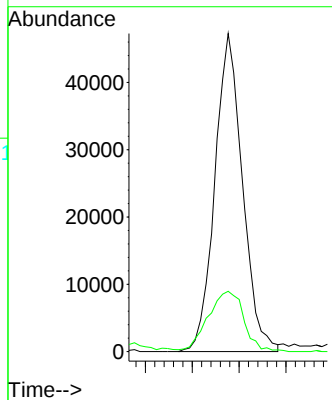
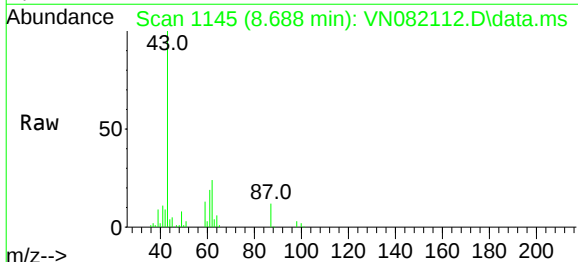
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Supervised By :Mahesh
Dadoda

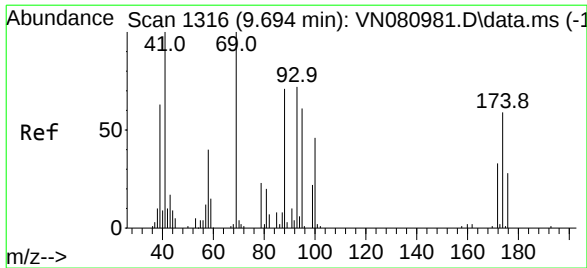
05/14/2024



#44
Isopropyl Acetate
Concen: 23.895 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

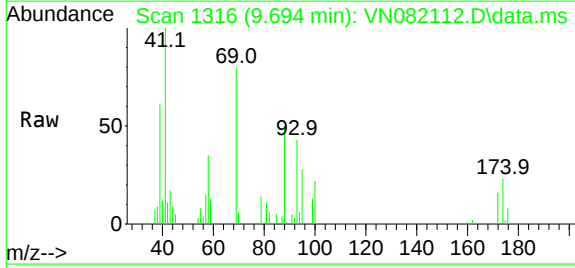
Tgt Ion: 43 Resp: 96852
Ion Ratio Lower Upper
43 100
61 23.3 25.0 37.4#





#45
1,4-Dioxane
Concen: 416.103 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



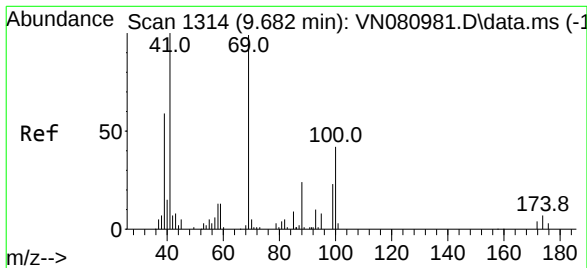
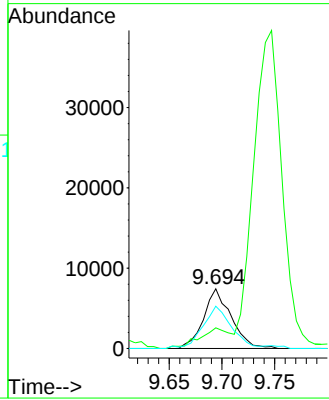
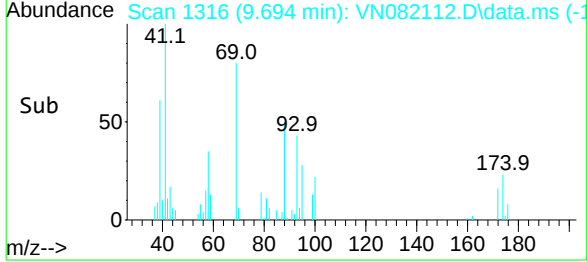
Tgt Ion: 88 Resp: 13527
Ion Ratio Lower Upper
88 100
43 38.3 19.8 29.6#
58 72.4 55.4 83.0

Manual Integrations
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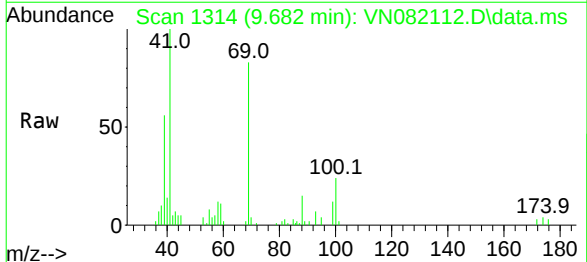
Reviewed By :John
Carlone

05/14/2024
Supervised By :Mahesh
Dadoda

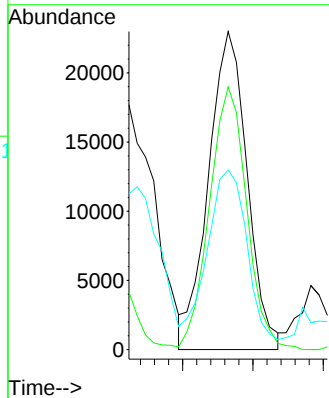
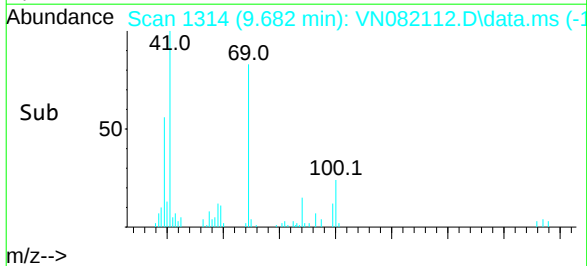
05/14/2024

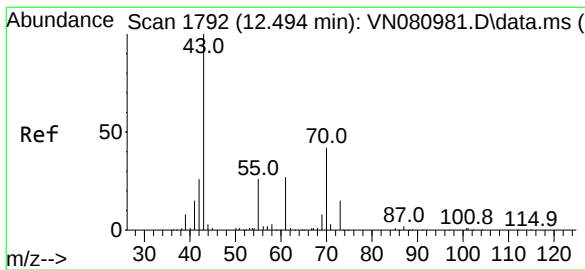


#46
Methyl methacrylate
Concen: 23.748 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32



Tgt Ion: 41 Resp: 43979
Ion Ratio Lower Upper
41 100
69 86.3 51.1 153.3
39 55.5 25.8 77.3





#47
n-amy1 Acetate
Concen: 22.685 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

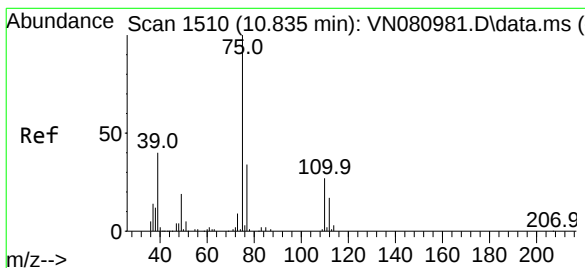
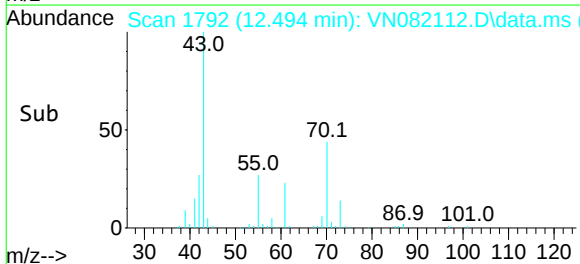
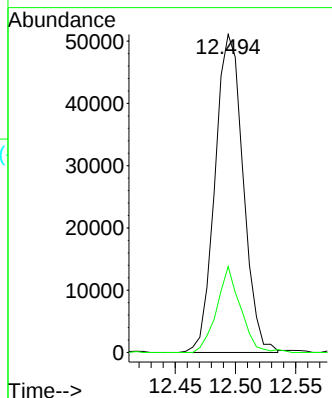
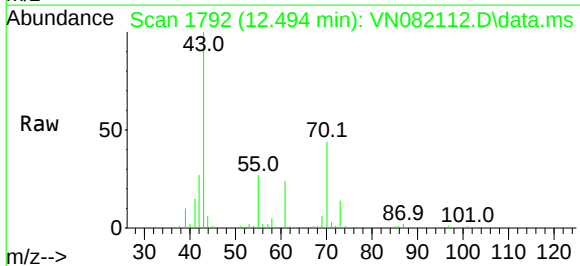
Tgt Ion: 43 Resp: 82917
Ion Ratio Lower Upper
43 100
55 22.7 23.4 35.2#

Manual Integrations
APPROVED

Reviewed By :John
Carlone

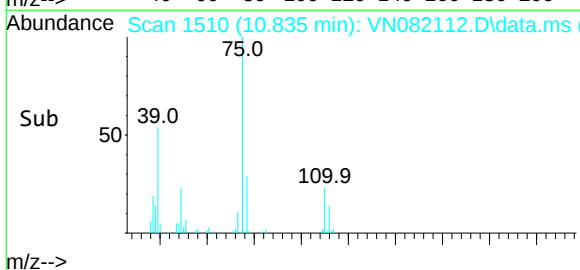
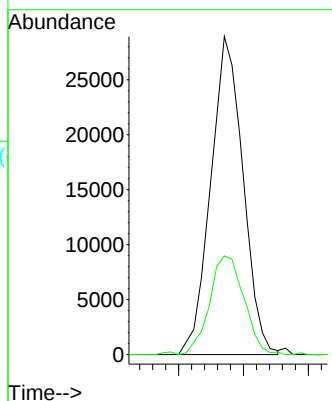
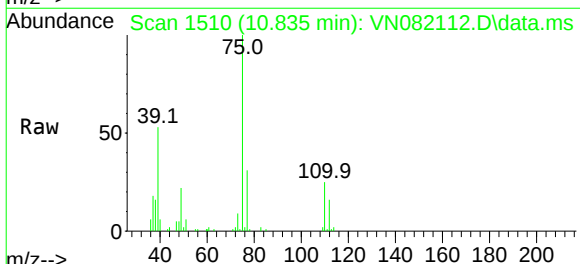
05/14/2024
Supervised By :Mahesh
Dadoda

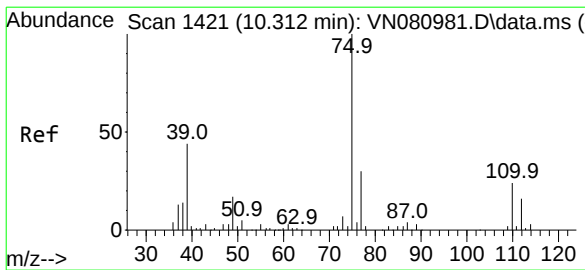
05/14/2024



#48
t-1,3-Dichloropropene
Concen: 20.218 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 75 Resp: 50065
Ion Ratio Lower Upper
75 100
77 31.0 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 21.641 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN082112.D

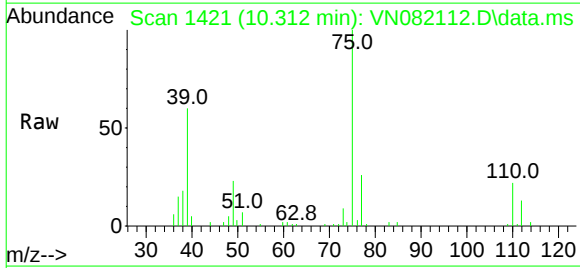
Acq: 13 May 2024 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion:	75	Resp:	56660
Ion	Ratio	Lower	Upper
75	100		
77	25.7	24.9	37.3
39	60.1	31.0	46.6

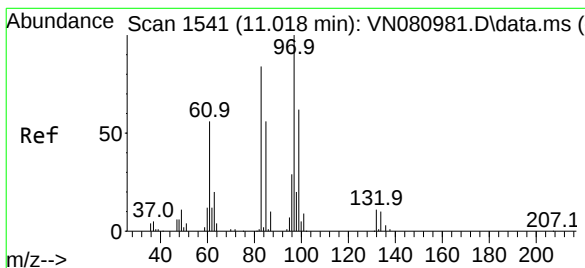
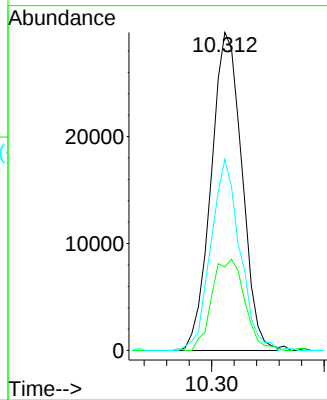
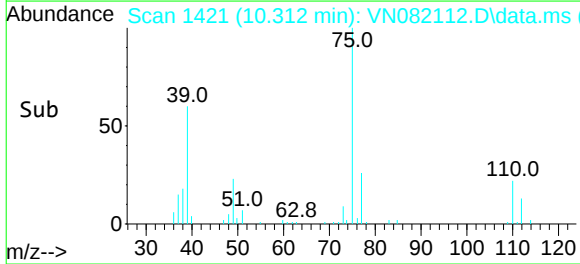
Manual Integrations
APPROVED

Reviewed By :John
Carlone

05/14/2024

Supervised By :Mahesh
Dadoda

05/14/2024



#50

1,1,2-Trichloroethane

Concen: 23.430 ug/l

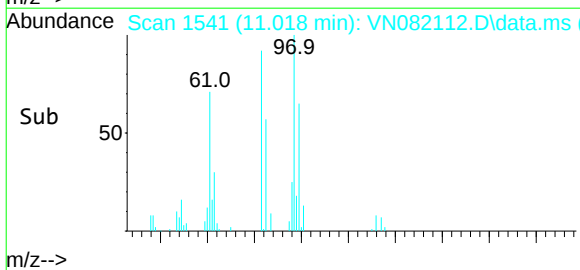
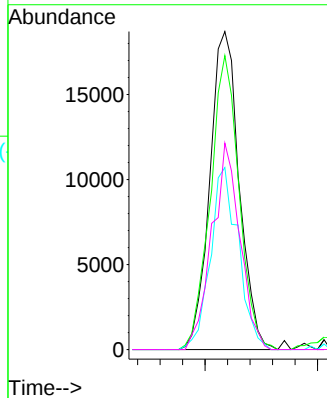
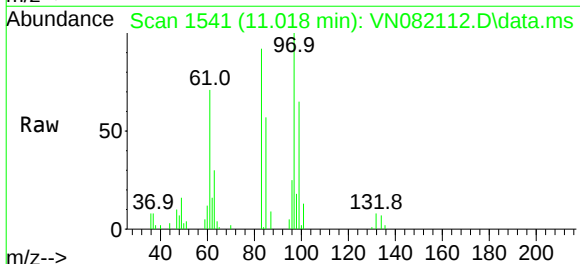
RT: 11.018 min Scan# 1541

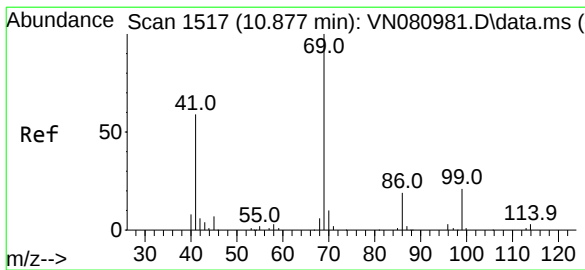
Delta R.T. -0.000 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

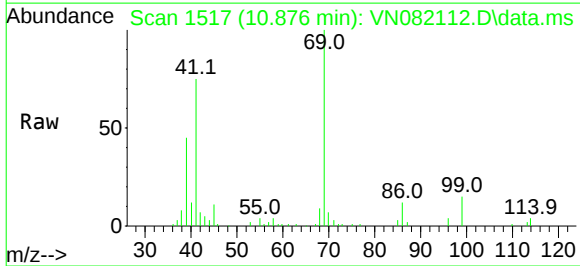
Tgt Ion:	97	Resp:	33961
Ion	Ratio	Lower	Upper
97	100		
83	92.4	68.1	102.1
85	57.2	41.8	62.6
99	64.9	47.0	70.4





#51
Ethyl methacrylate
Concen: 20.885 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



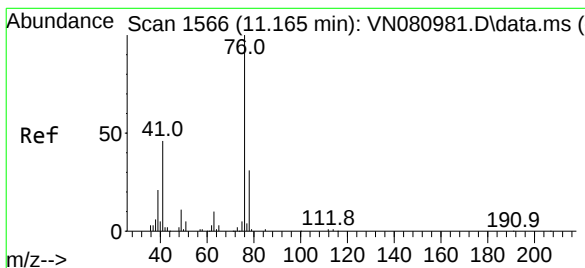
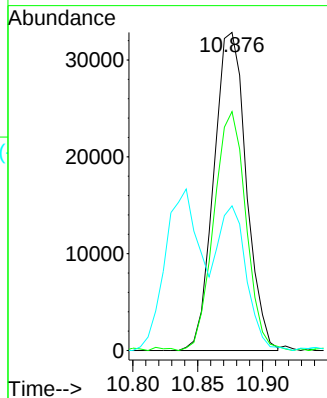
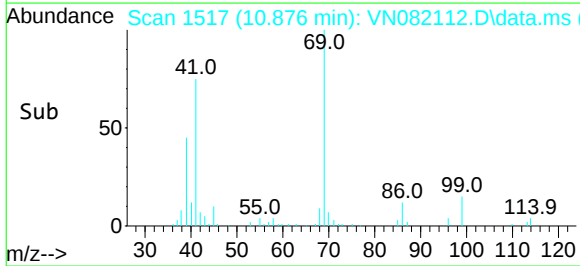
Tgt Ion: 69 Resp: 57134
Ion Ratio Lower Upper
69 100
41 75.1 25.5 76.5
39 44.4 16.0 47.9

Manual Integrations
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Reviewed By :John
Carlone

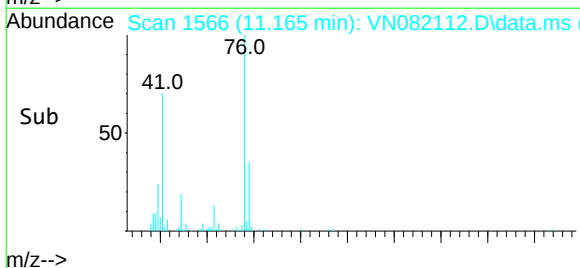
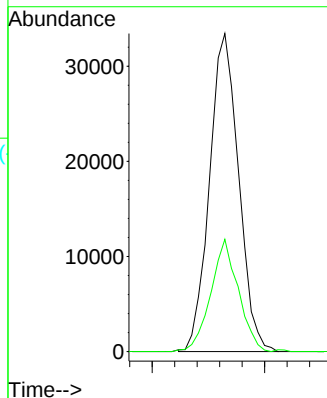
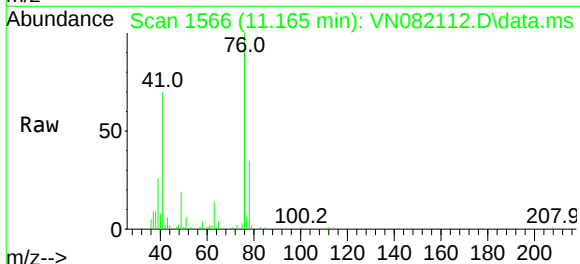
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Supervised By :Mahesh
Dadoda

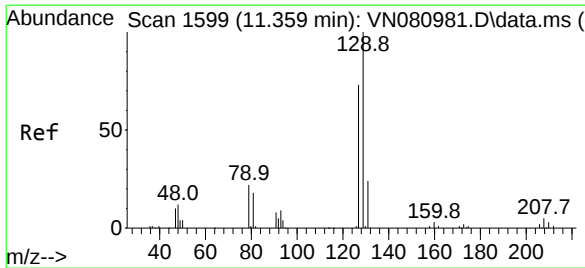
05/14/2024



#52
1,3-Dichloropropane
Concen: 22.575 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 76 Resp: 60117
Ion Ratio Lower Upper
76 100
78 33.5 0.0 65.8





#53

Dibromochloromethane

Concen: 20.198 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:129 Resp: 31852

Ion Ratio Lower Upper

129 100

127 73.9 39.4 118.1

Manual Integrations

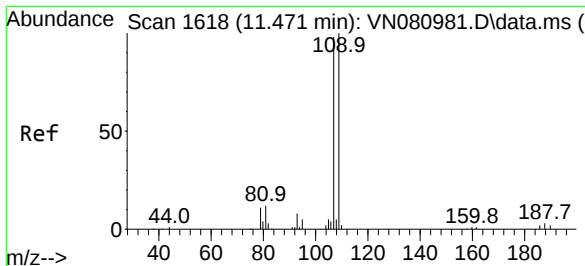
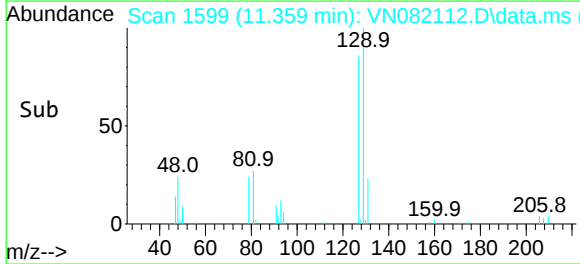
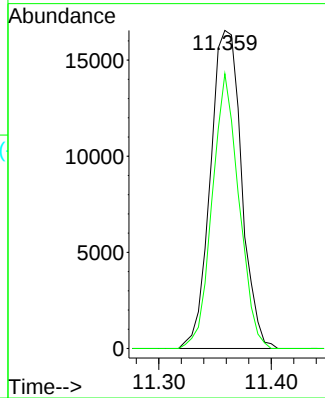
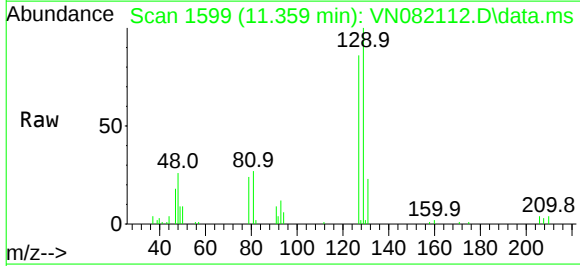
APPROVED

Reviewed By :John
Carlone

05/14/2024

Supervised By :Mahesh
Dadoda

05/14/2024



#54

1,2-Dibromoethane

Concen: 21.642 ug/l

RT: 11.470 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VN082112.D

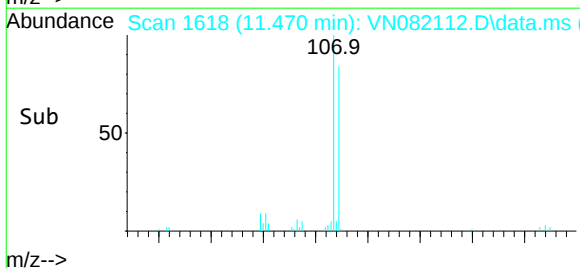
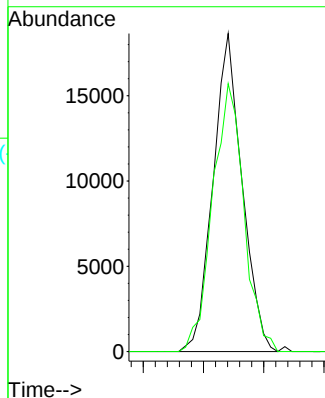
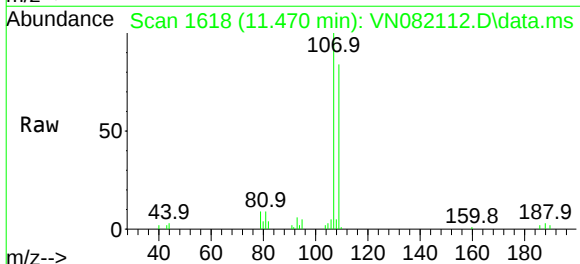
Acq: 13 May 2024 21:32

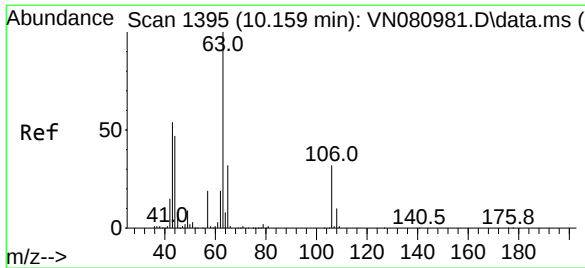
Tgt Ion:107 Resp: 31284

Ion Ratio Lower Upper

107 100

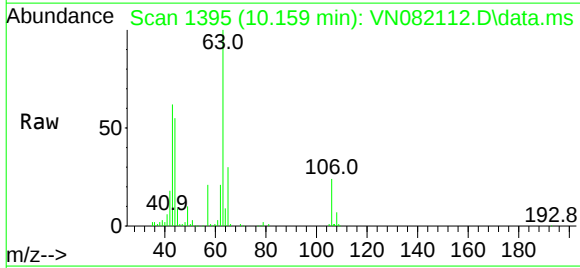
109 90.6 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 117.473 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



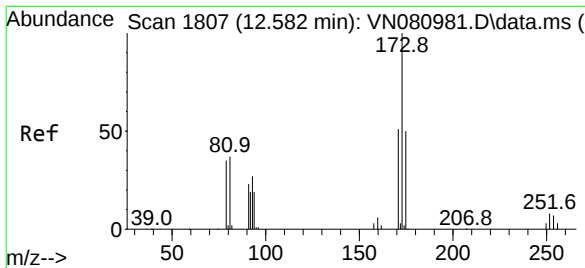
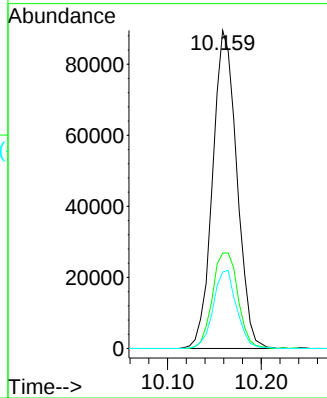
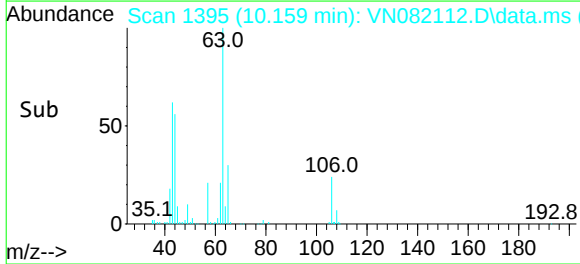
Tgt Ion: 63 Resp: 160697
Ion Ratio Lower Upper
63 100
65 31.7 26.2 39.2
106 23.6 23.8 35.8#

Manual Integrations
APPROVED

Reviewed By :John
Carlone

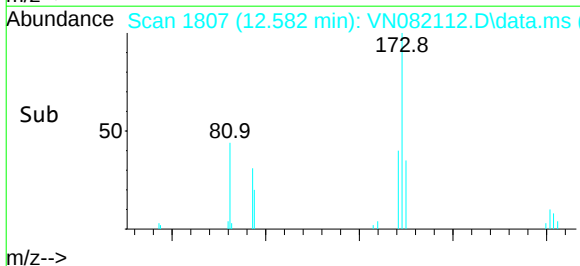
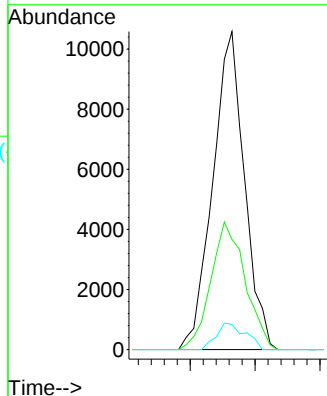
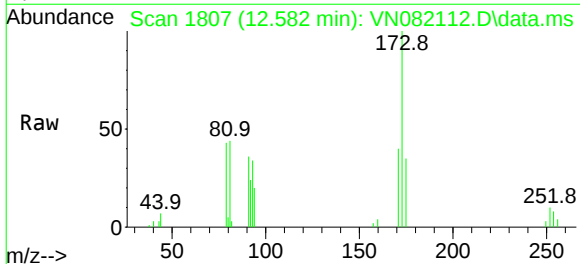
05/14/2024
Supervised By :Mahesh
Dadoda

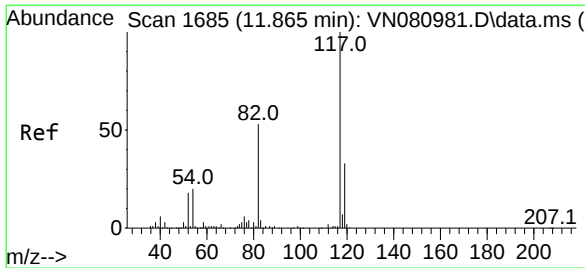
05/14/2024



#56
Bromoform
Concen: 18.731 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion:173 Resp: 17978
Ion Ratio Lower Upper
173 100
175 43.4 40.0 60.0
254 7.6 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

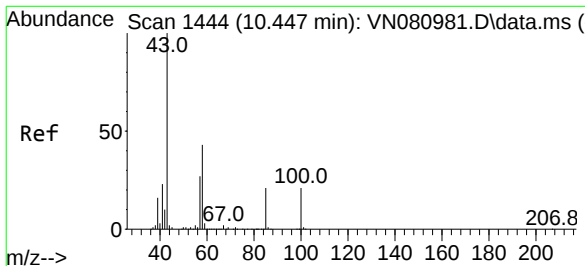
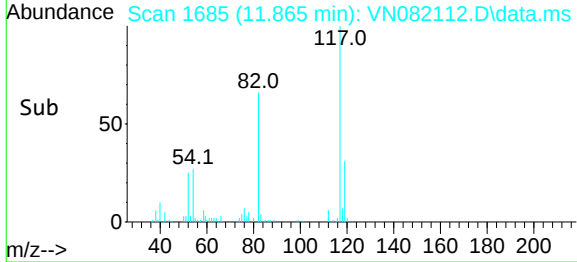
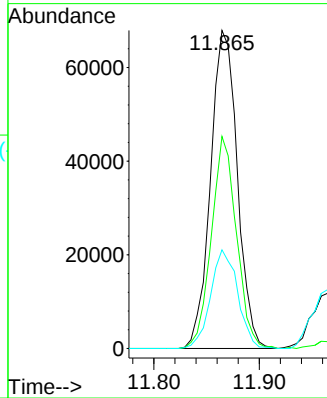
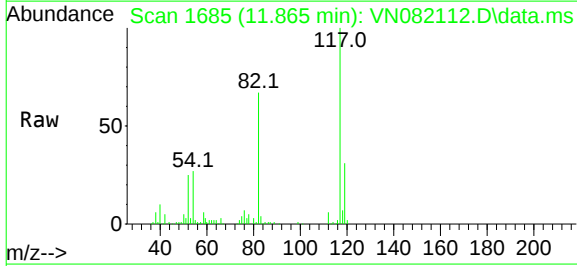
Tgt Ion:	117	Resp:	119914
Ion	Ratio	Lower	Upper
117	100		
82	62.4	46.6	69.8
119	31.3	25.4	38.2

Manual Integrations
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Reviewed By :John
Carlone

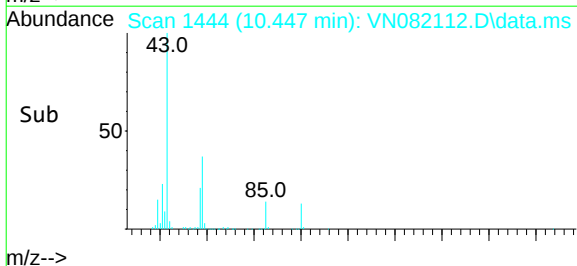
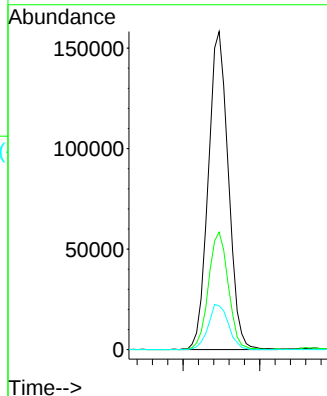
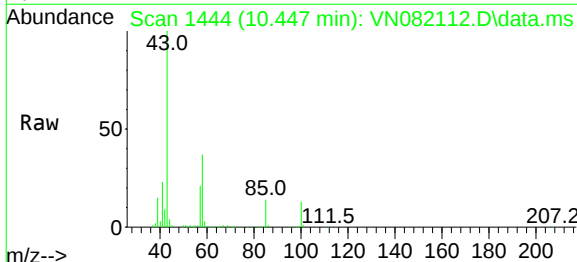
05/14/2024
Supervised By :Mahesh
Dadoda

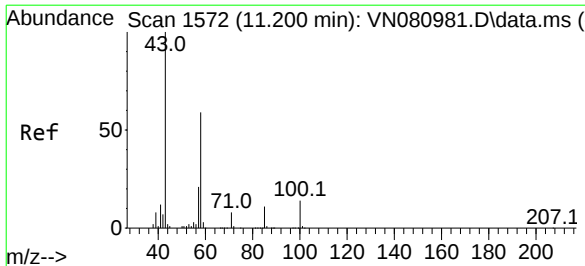
05/14/2024



#58
4-Methyl-2-Pentanone
Concen: 123.672 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

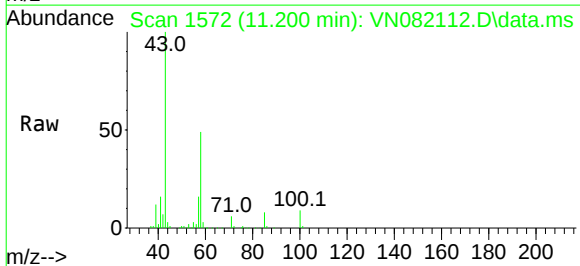
Tgt Ion:	43	Resp:	287940
Ion	Ratio	Lower	Upper
43	100		
58	36.4	36.5	54.7#
85	14.3	19.5	29.3#





#59
2-Hexanone
Concen: 122.135 ug/l m
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



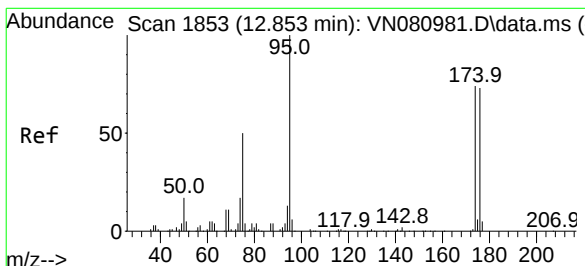
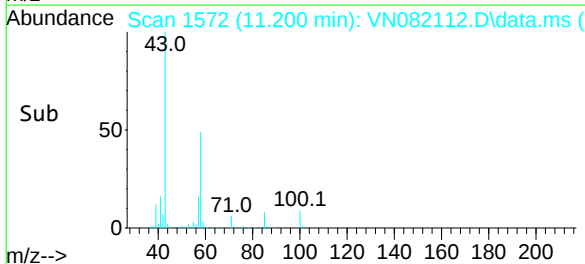
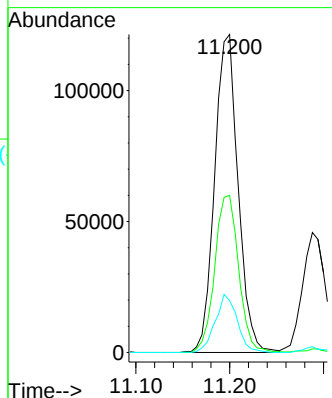
Tgt Ion: 43 Resp: 210847
Ion Ratio Lower Upper
43 100
58 1.0 50.4 75.6#
57 0.3 18.6 27.8#

Manual Integrations
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Reviewed By :John
Carlone

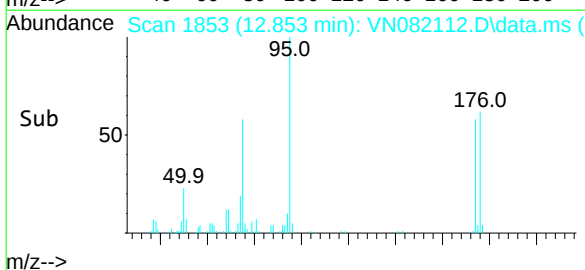
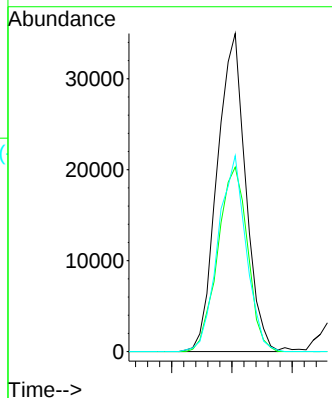
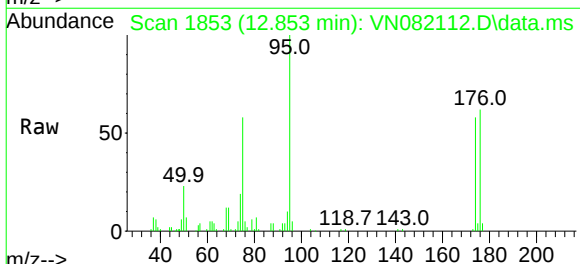
05/14/2024
Supervised By :Mahesh
Dadoda

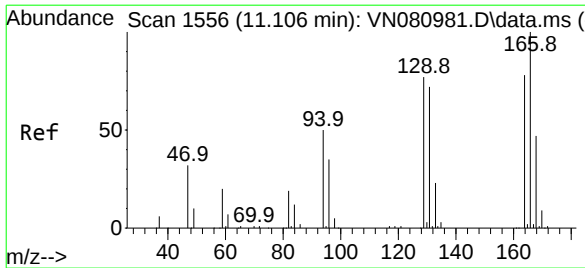
05/14/2024



#60
4-Bromofluorobenzene
Concen: 28.792 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

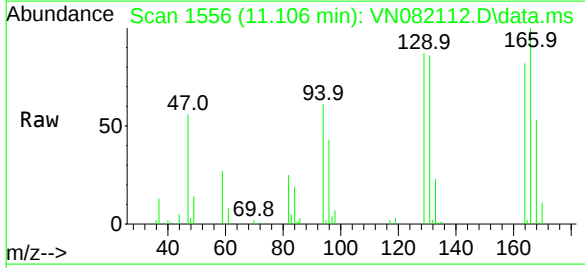
Tgt Ion: 95 Resp: 57459
Ion Ratio Lower Upper
95 100
174 60.5 60.5 90.7
176 60.8 57.8 86.6





#61
Tetrachloroethene
Concen: 14.565 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



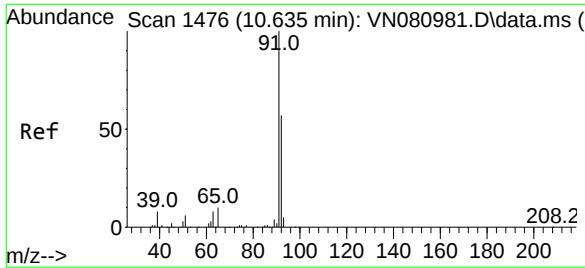
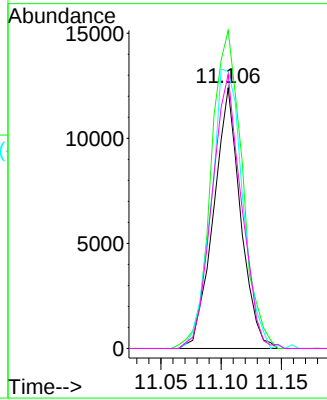
Tgt Ion:164 Resp: 19380
Ion Ratio Lower Upper
164 100
166 122.1 106.7 160.1
129 106.4 85.8 128.6
131 105.2 79.1 118.7

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Reviewed By :John
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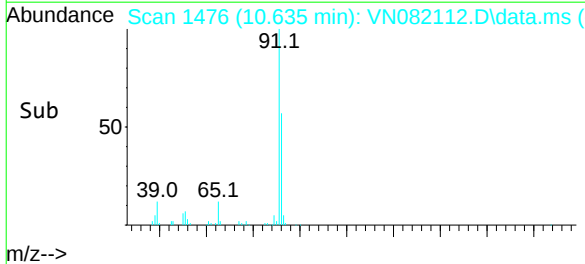
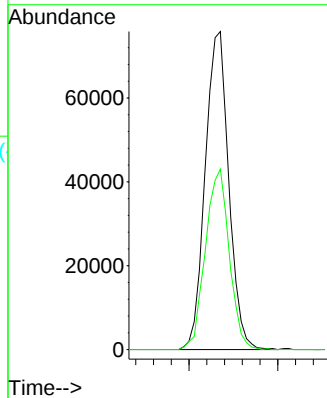
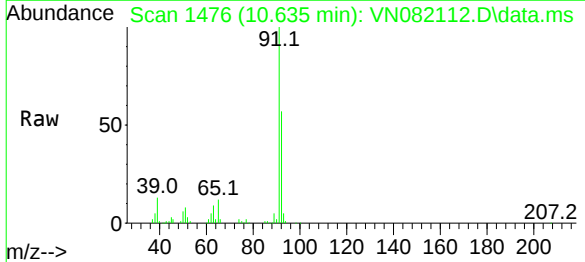
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Supervised By :Mahesh
Dadoda

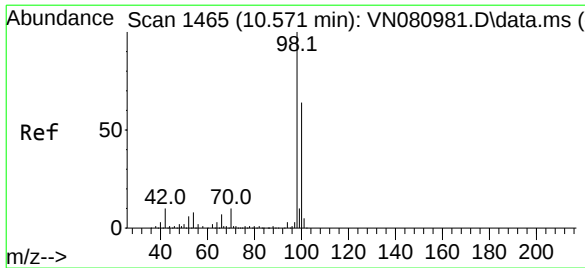
05/14/2024



#62
Toluene
Concen: 20.709 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

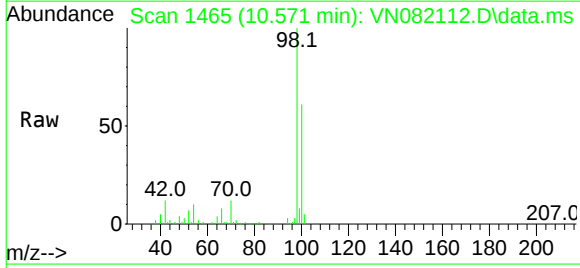
Tgt Ion: 91 Resp: 139724
Ion Ratio Lower Upper
91 100
92 57.3 46.5 69.7





#63
Toluene-d8
Concen: 31.544 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



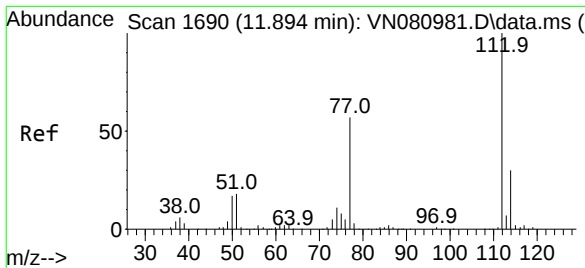
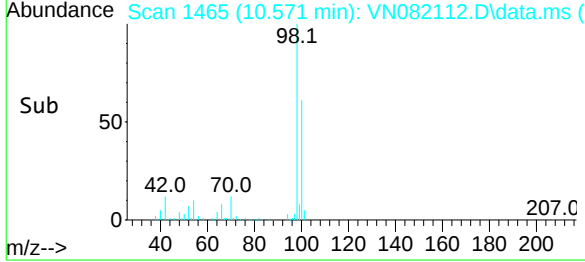
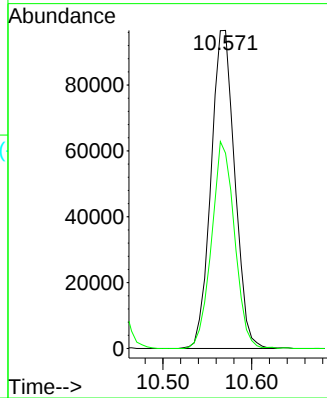
Tgt Ion: 98 Resp: 179638
Ion Ratio Lower Upper
98 100
100 62.7 52.7 79.1

Manual Integrations
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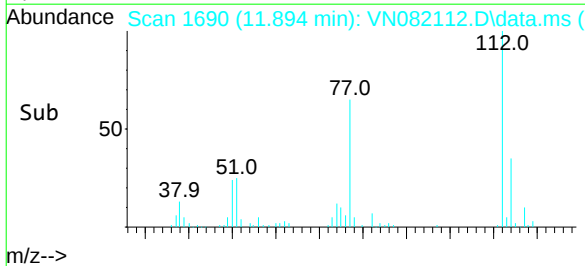
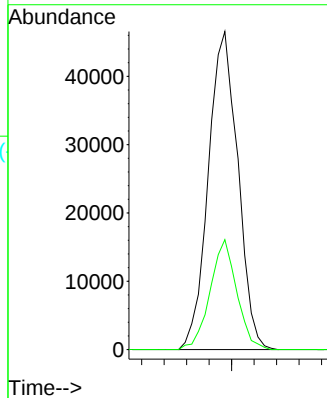
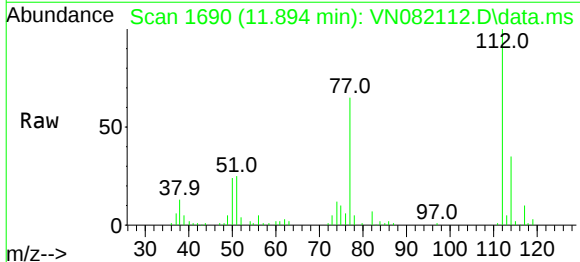
05/14/2024
Supervised By :Mahesh
Dadoda

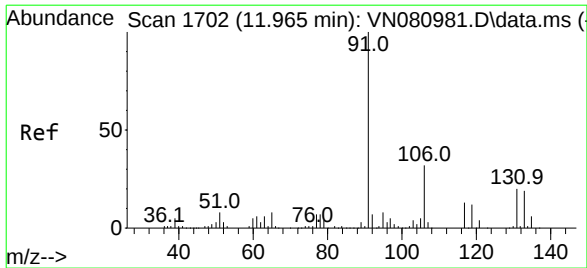
05/14/2024



#64
Chlorobenzene
Concen: 20.614 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion:112 Resp: 85067
Ion Ratio Lower Upper
112 100
114 34.6 26.6 39.8





#65
1,1,1,2-Tetrachloroethane
Concen: 20.230 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

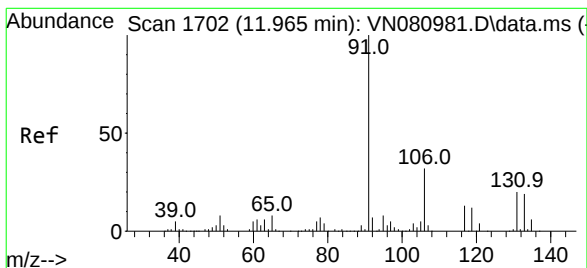
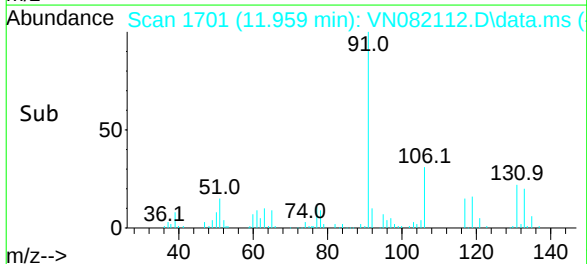
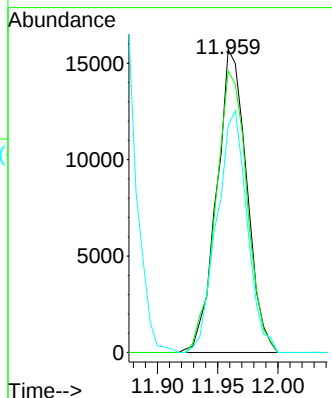
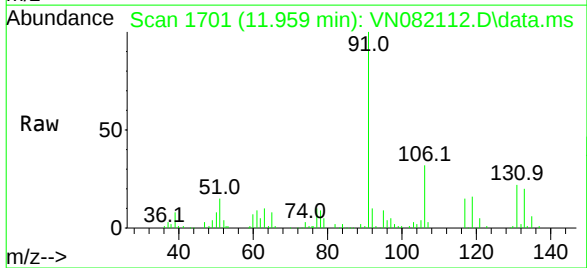
Tgt Ion: 131 Resp: 27325
Ion Ratio Lower Upper
131 100
133 95.9 0.0 188.0
119 80.2 0.0 122.8

Manual Integrations
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Reviewed By :John
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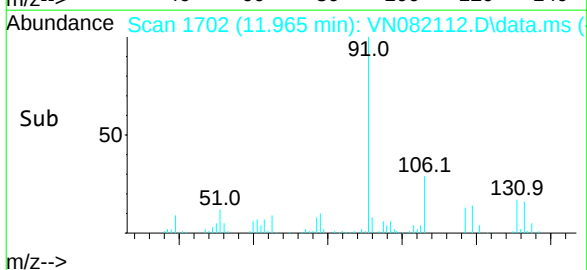
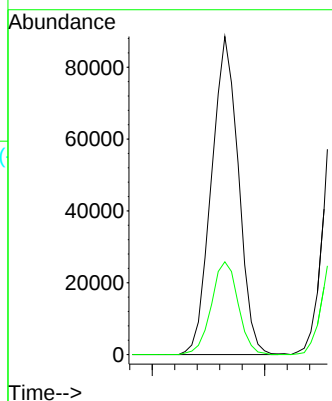
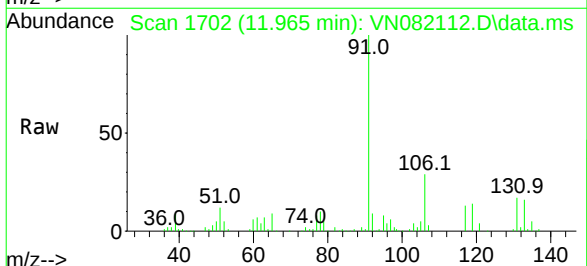
05/14/2024
Supervised By :Mahesh
Dadoda

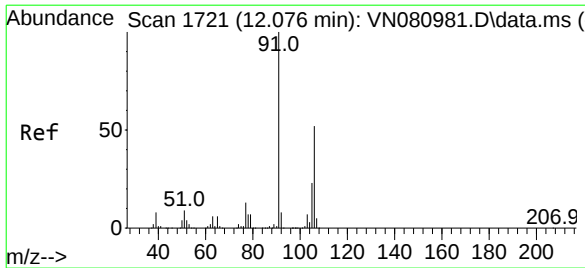
05/14/2024



#66
Ethyl Benzene
Concen: 19.963 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 91 Resp: 147642
Ion Ratio Lower Upper
91 100
106 29.2 24.4 36.6





#67
m/p-Xylenes
Concen: 38.799 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

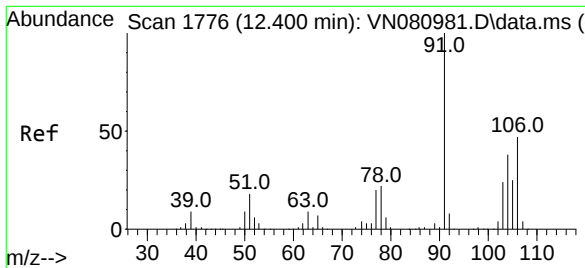
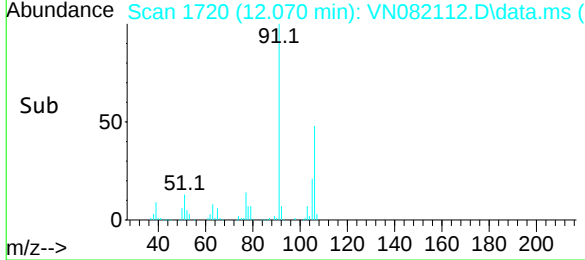
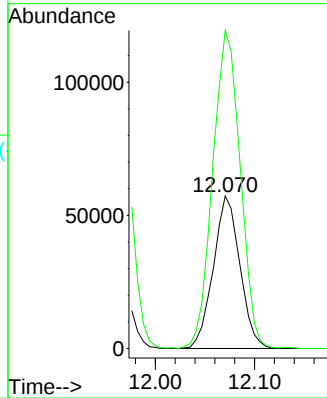
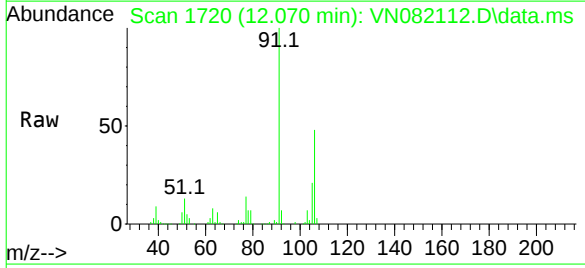
Tgt Ion:106 Resp: 106387
Ion Ratio Lower Upper
106 100
91 216.3 166.6 249.8

Manual Integrations
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Reviewed By :John
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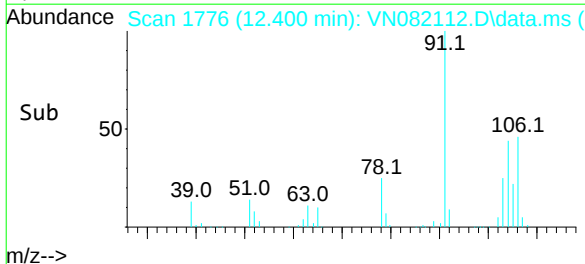
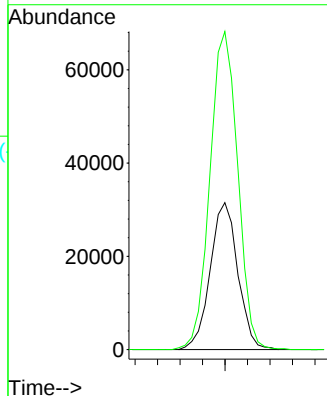
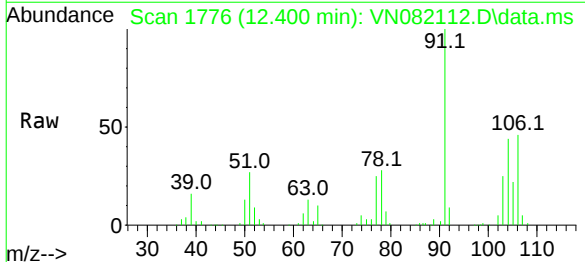
05/14/2024
Supervised By :Mahesh
Dadoda

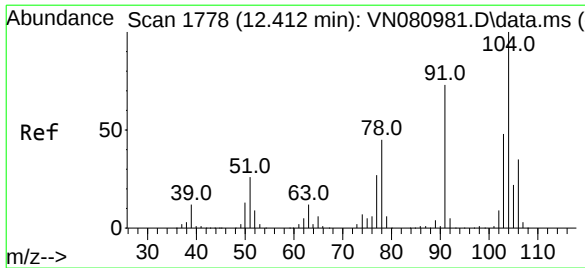
05/14/2024



#68
o-Xylene
Concen: 19.868 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion:106 Resp: 53901
Ion Ratio Lower Upper
106 100
91 217.3 110.0 330.0





#69

Styrene

Concen: 20.765 ug/l

RT: 12.412 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

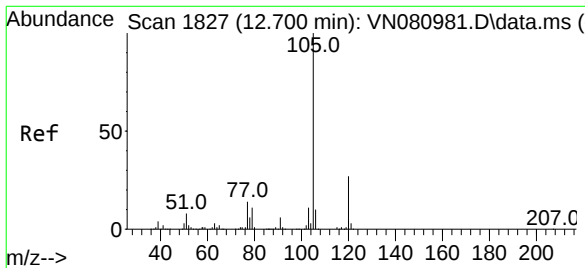
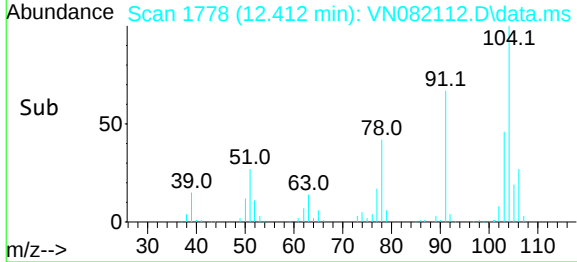
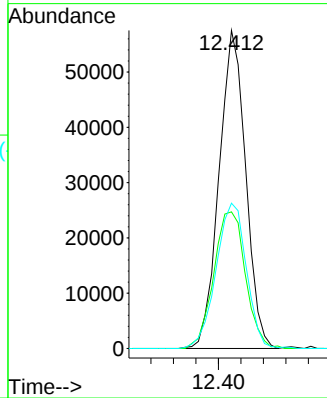
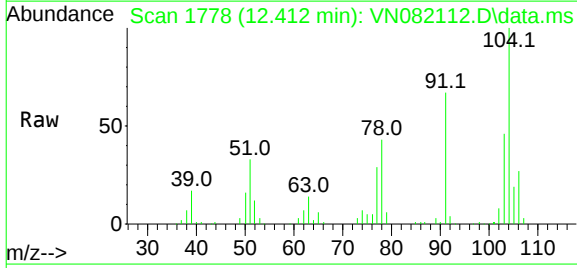
Tgt Ion:	104	Resp:	94564
Ion Ratio	Lower	Upper	
104	100		
78	51.2	42.6	64.0
103	51.8	43.7	65.5

Manual Integrations
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Reviewed By :John
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05/14/2024
Supervised By :Mahesh
Dadoda

05/14/2024



#70

Isopropylbenzene

Concen: 19.582 ug/l

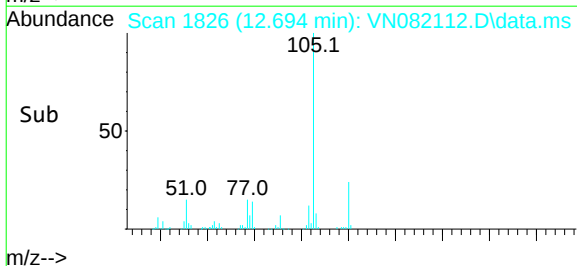
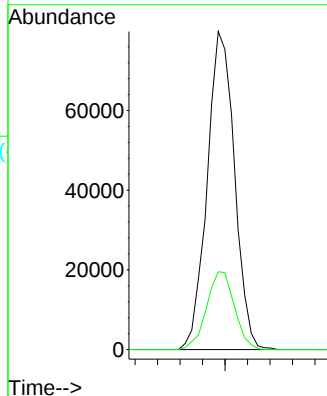
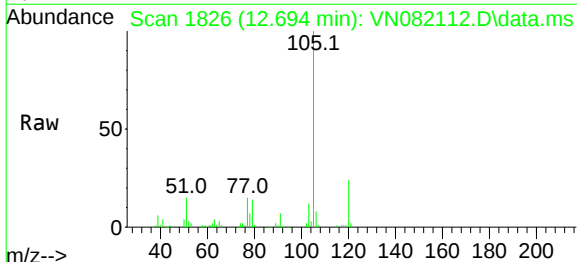
RT: 12.694 min Scan# 1826

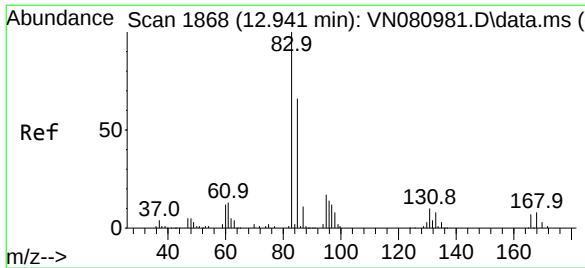
Delta R.T. -0.006 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

Tgt Ion:	105	Resp:	134919
Ion Ratio	Lower	Upper	
105	100		
120	24.9	17.8	33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 24.687 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

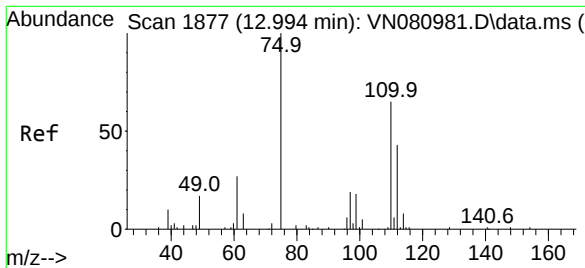
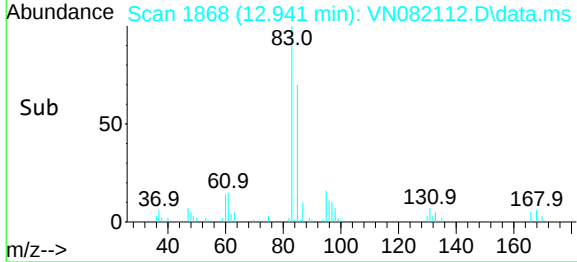
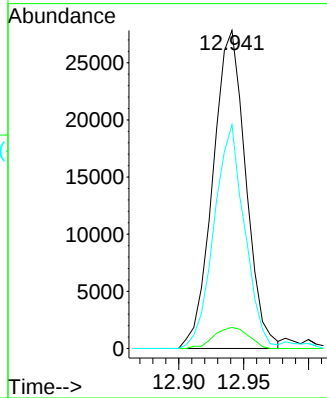
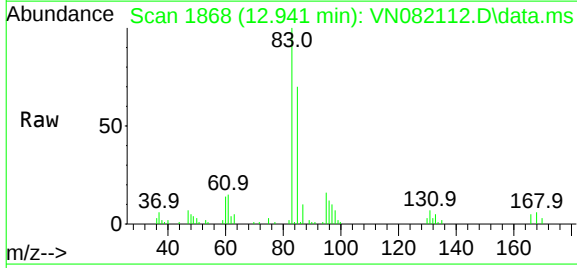
Tgt Ion	Ratio	Lower	Upper
83	100		
131	7.0	5.2	15.6
85	65.4	32.3	96.8

Manual Integrations
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Reviewed By :John
Carlone

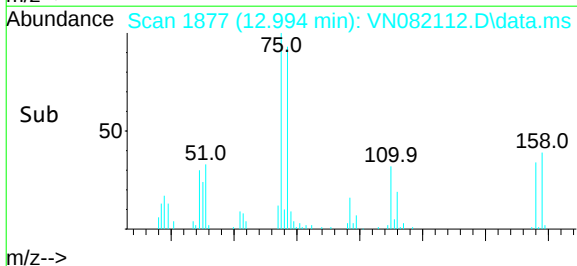
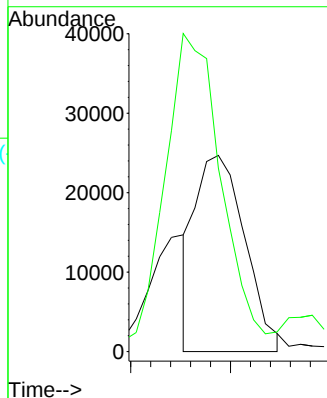
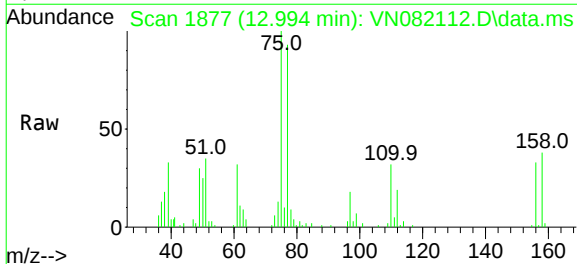
05/14/2024
Supervised By :Mahesh
Dadoda

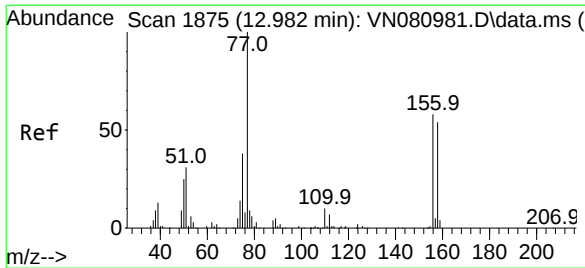
05/14/2024



#72
1,2,3-Trichloropropane
Concen: 26.227 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	187.0	0.0	367.6





#73

Bromobenzene

Concen: 19.310 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

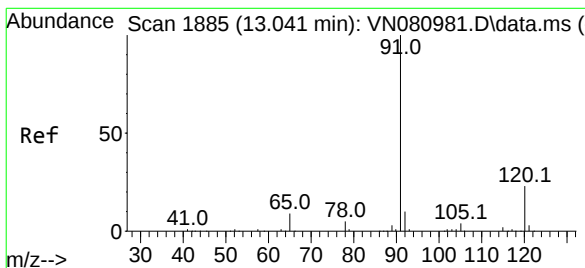
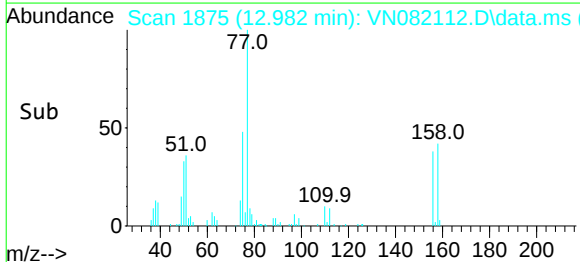
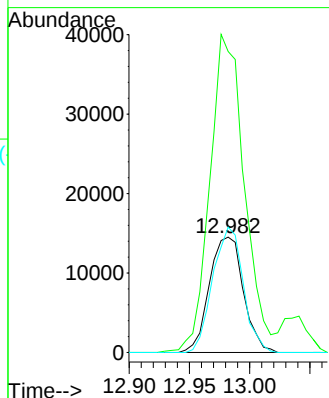
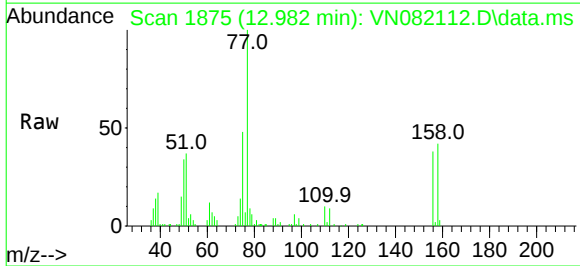
Tgt Ion:	156	Resp:	28480
Ion Ratio	Lower	Upper	
156	100		
77	279.4	0.0	437.6
158	97.3	0.0	203.8

Manual Integrations
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Reviewed By :John
Carlone

05/14/2024
Supervised By :Mahesh
Dadoda

05/14/2024



#74

n-propylbenzene

Concen: 20.150 ug/l

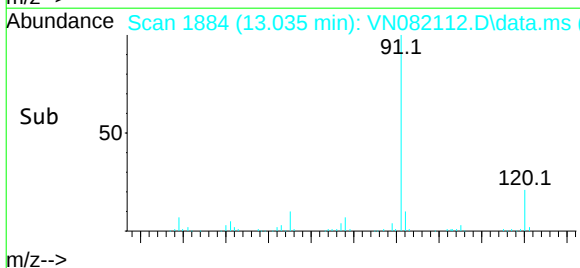
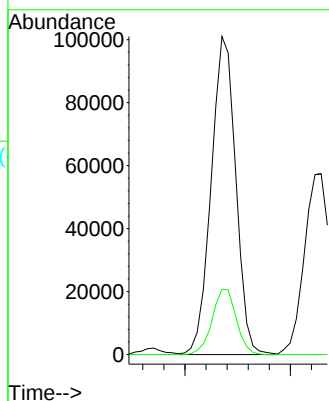
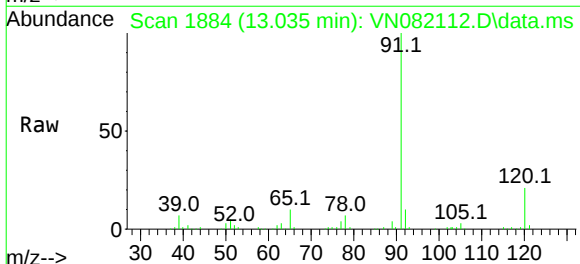
RT: 13.035 min Scan# 1884

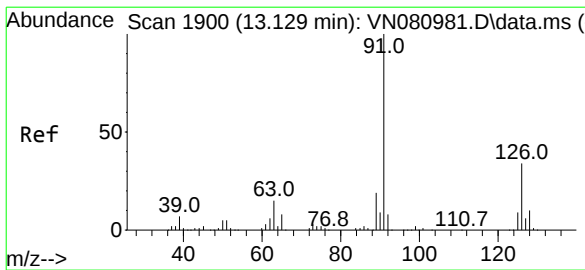
Delta R.T. -0.006 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

Tgt Ion:	91	Resp:	163915
Ion Ratio	Lower	Upper	
91	100		
120	20.2	0.0	43.8





#75
2-Chlorotoluene
Concen: 20.353 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

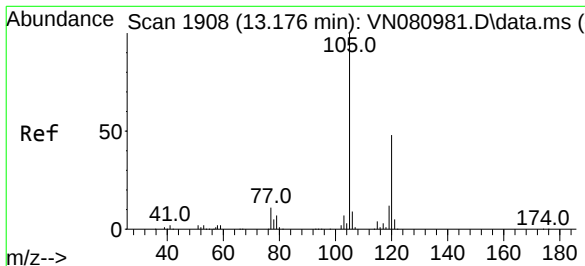
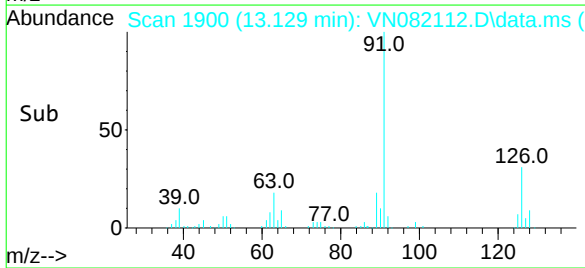
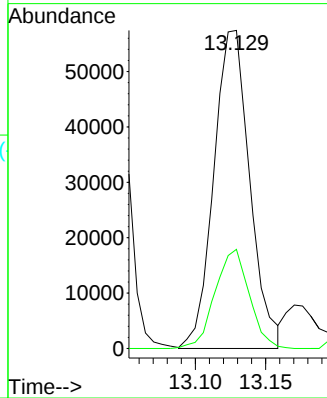
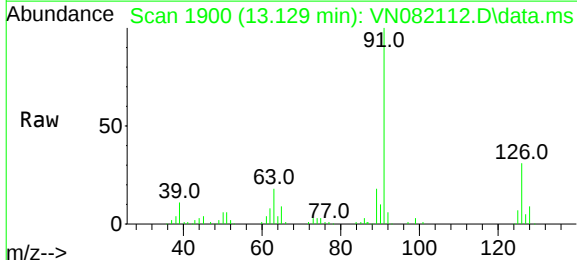
Tgt Ion: 91 Resp: 102351
Ion Ratio Lower Upper
91 100
126 29.6 0.0 61.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

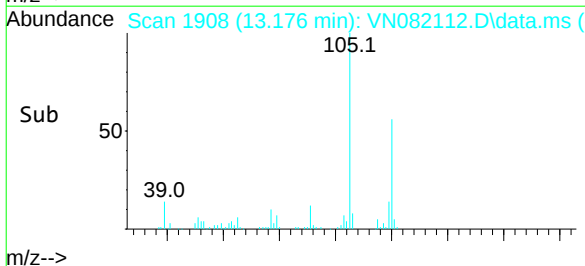
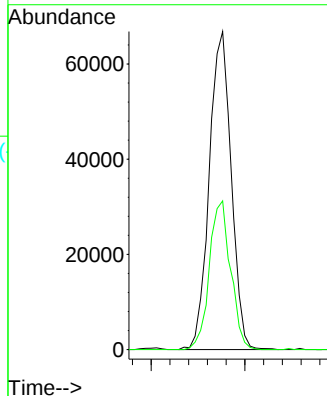
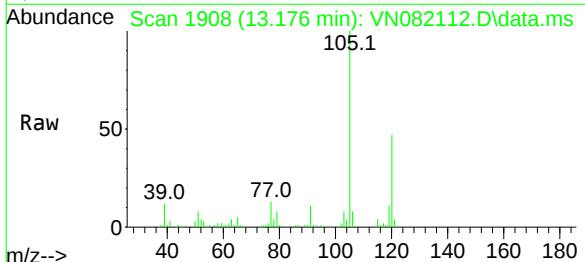
05/14/2024
Supervised By :Mahesh
Dadoda

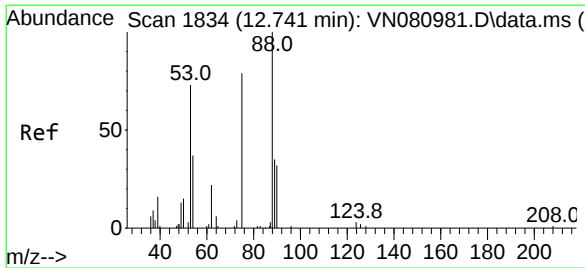
05/14/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.507 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion:105 Resp: 108793
Ion Ratio Lower Upper
105 100
120 45.3 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.621 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

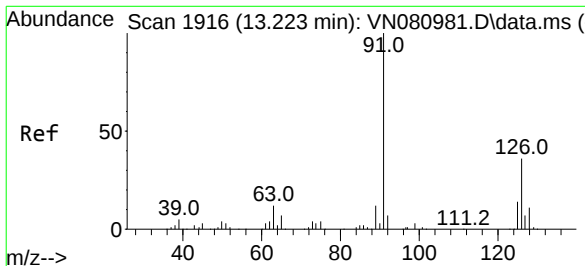
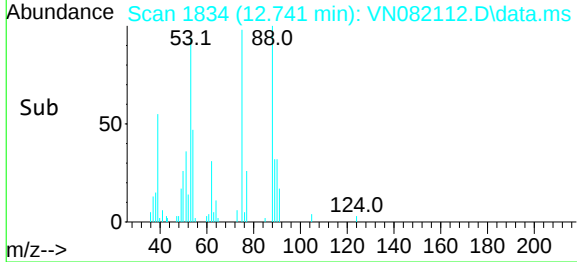
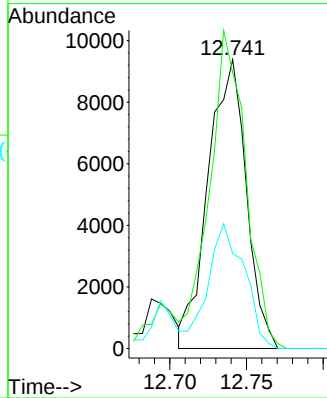
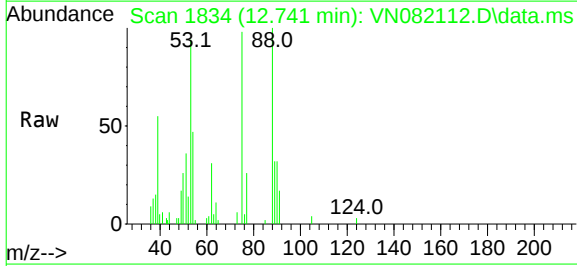
Tgt Ion	Ratio	Lower	Upper
75	100		
53	93.8	45.9	137.7
89	32.8	25.9	77.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

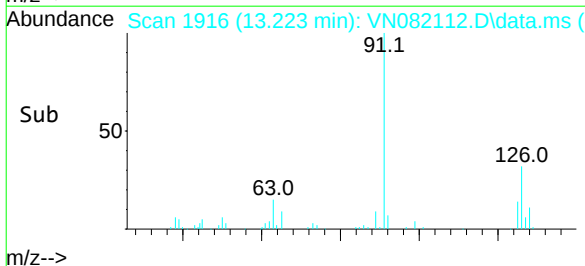
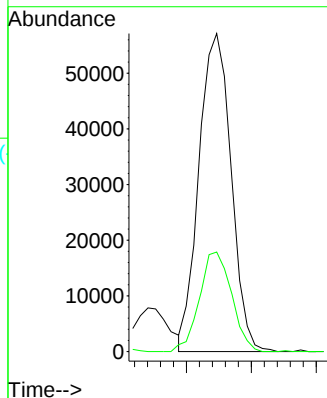
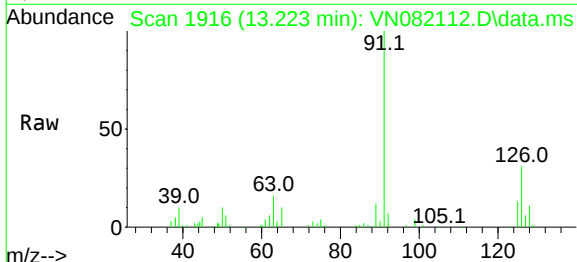
05/14/2024
Supervised By :Mahesh
Dadoda

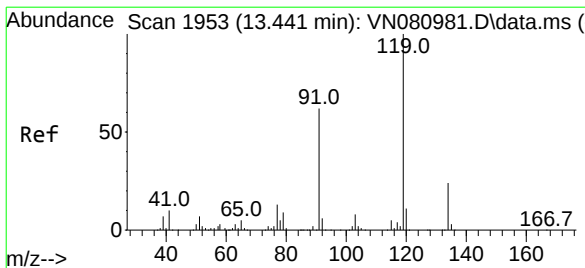
05/14/2024



#78
4-Chlorotoluene
Concen: 19.932 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	0.0	62.8





#79
tert-butylbenzene
Concen: 19.340 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

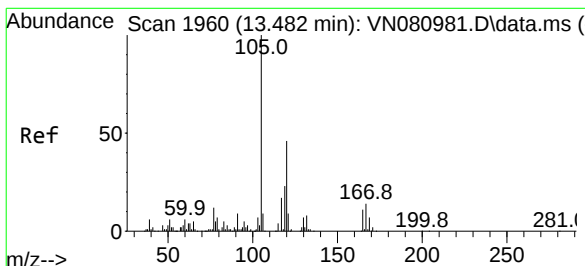
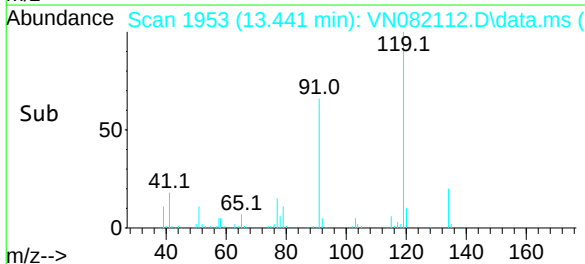
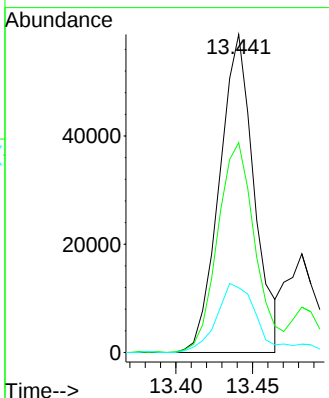
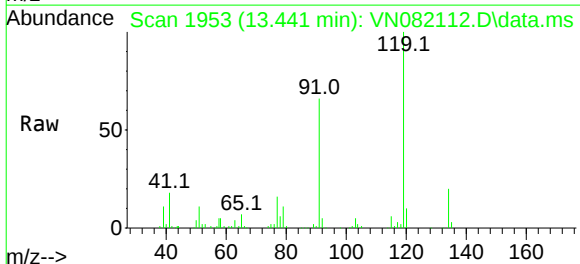
Tgt Ion:119 Resp: 92866
Ion Ratio Lower Upper
119 100
91 71.3 0.0 138.8
134 24.7 0.0 48.6

Manual Integrations
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Reviewed By :John
Carlone

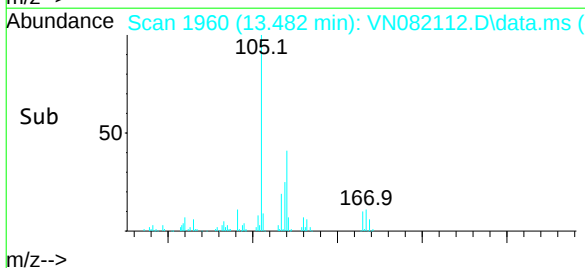
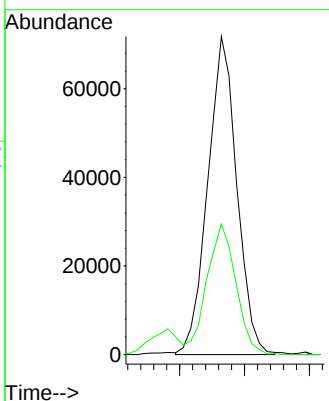
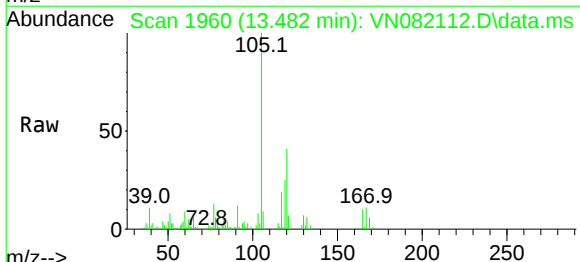
05/14/2024
Supervised By :Mahesh
Dadoda

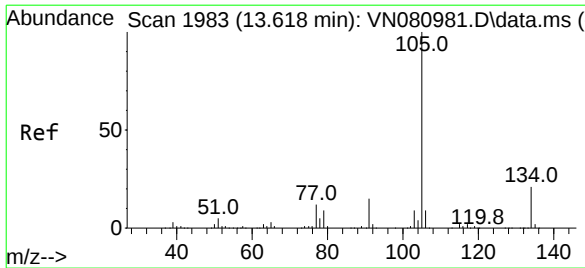
05/14/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.969 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion:105 Resp: 111863
Ion Ratio Lower Upper
105 100
120 41.1 0.0 86.8





#81
sec-Butylbenzene
Concen: 18.995 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

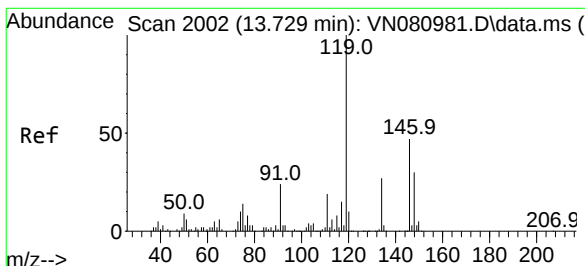
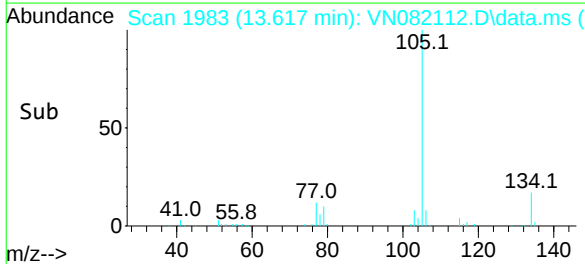
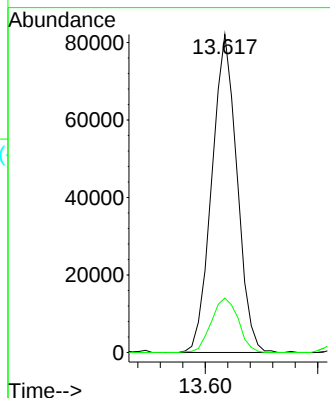
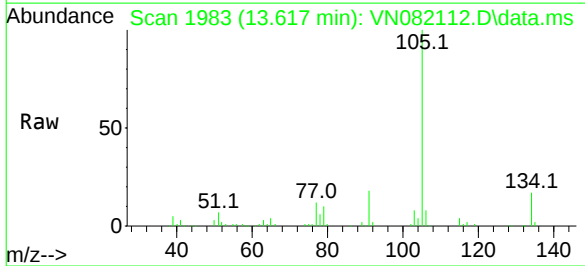
Tgt Ion:105 Resp: 127858
Ion Ratio Lower Upper
105 100
134 18.3 0.0 39.0

Manual Integrations
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Reviewed By :John
Carlone

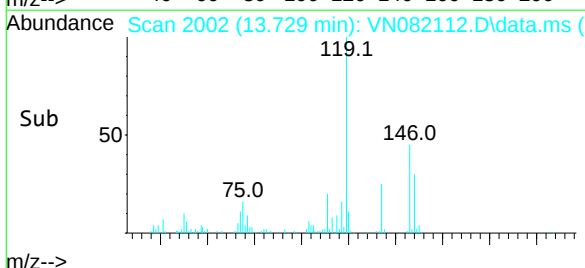
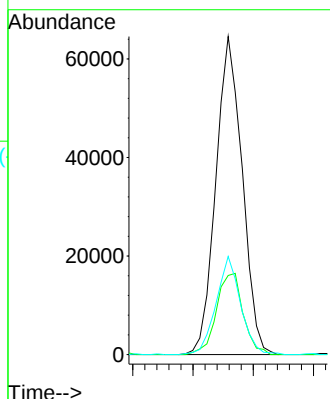
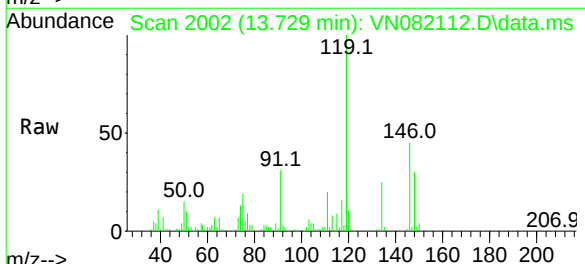
05/14/2024
Supervised By :Mahesh
Dadoda

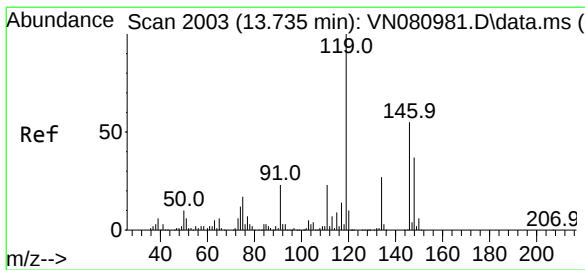
05/14/2024



#82
p-Isopropyltoluene
Concen: 18.474 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion:119 Resp: 98327
Ion Ratio Lower Upper
119 100
134 25.8 0.0 49.2
91 28.6 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 19.028 ug/l
RT: 13.735 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

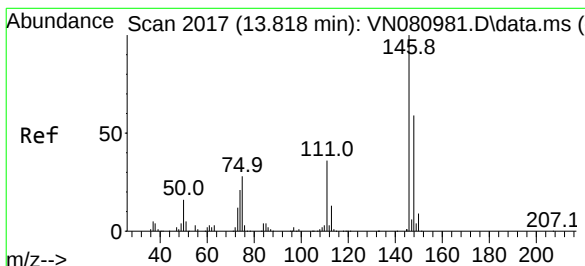
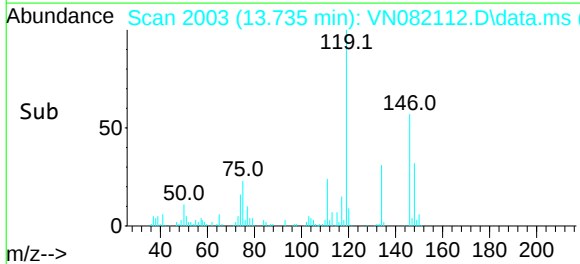
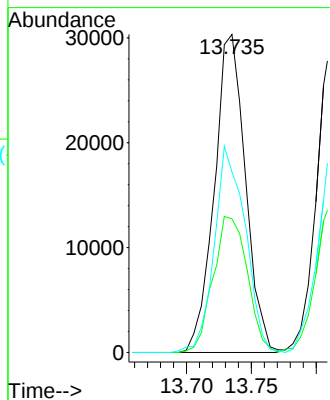
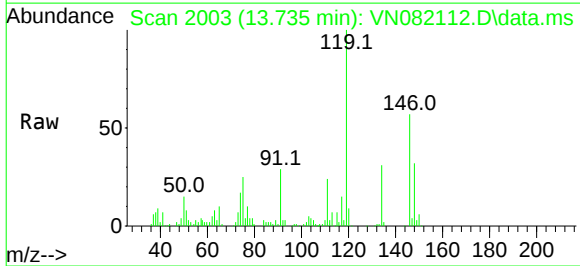
Tgt Ion:146 Resp: 50534
Ion Ratio Lower Upper
146 100
111 46.8 22.4 67.0
148 64.4 32.1 96.5

Manual Integrations
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Reviewed By :John
Carlone

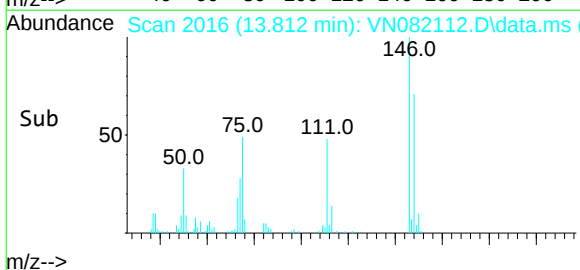
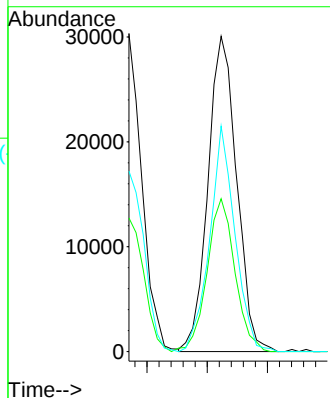
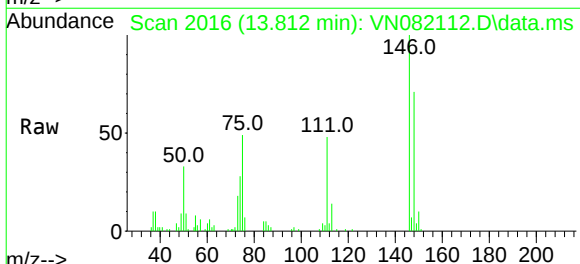
05/14/2024
Supervised By :Mahesh
Dadoda

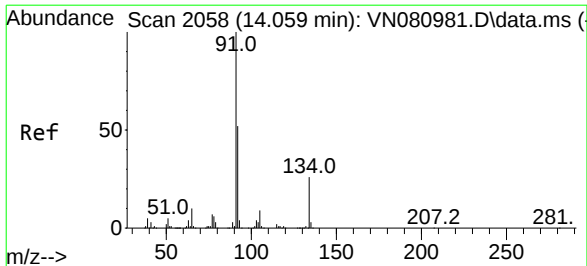
05/14/2024



#84
1,4-Dichlorobenzene
Concen: 18.651 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion:146 Resp: 49787
Ion Ratio Lower Upper
146 100
111 47.0 21.3 63.9
148 62.8 31.9 95.5





#85
n-Butylbenzene
Concen: 19.511 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

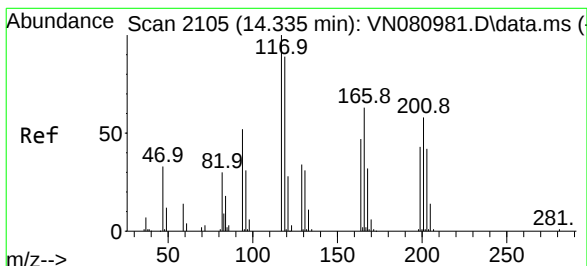
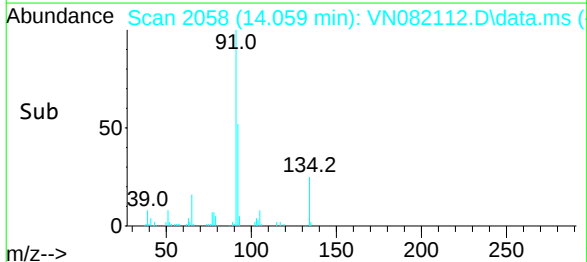
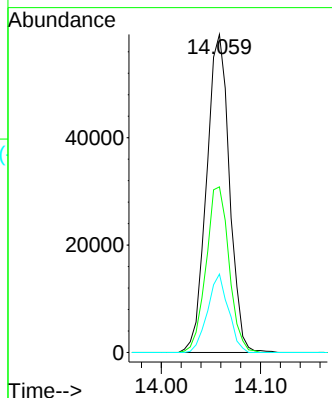
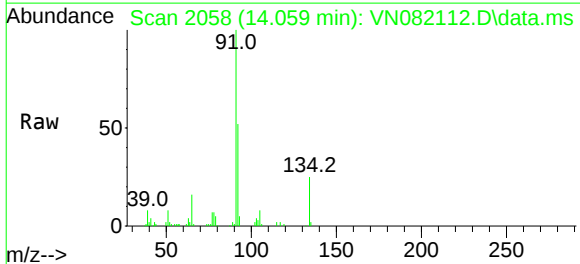
Tgt Ion:	91	Resp:	94858
Ion	Ratio	Lower	Upper
91	100		
92	52.4	0.0	105.0
134	22.4	0.0	51.8

Manual Integrations
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Reviewed By :John
Carlone

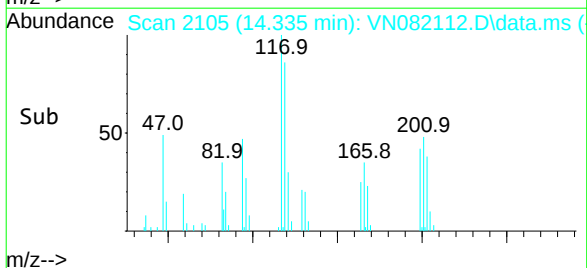
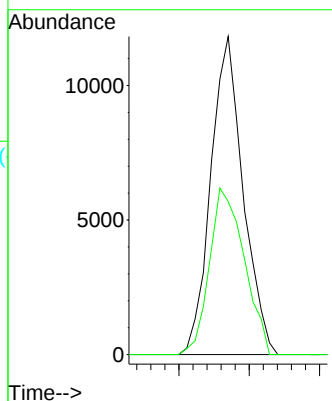
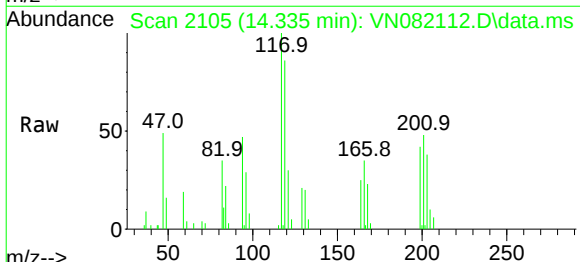
05/14/2024
Supervised By :Mahesh
Dadoda

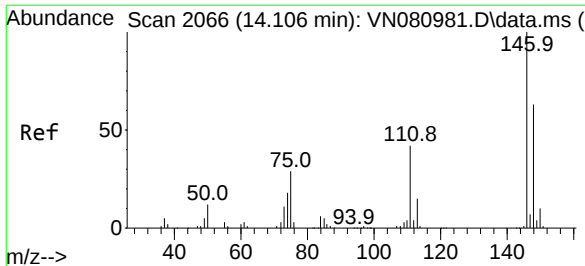
05/14/2024



#86
Hexachloroethane
Concen: 17.800 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

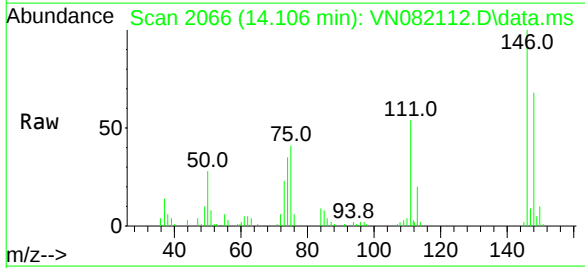
Tgt Ion:	117	Resp:	18890
Ion	Ratio	Lower	Upper
117	100		
201	56.3	38.0	114.0





#87
1,2-Dichlorobenzene
Concen: 18.618 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



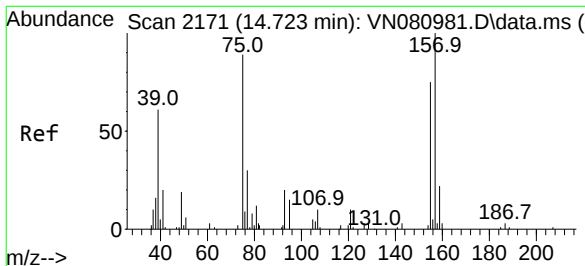
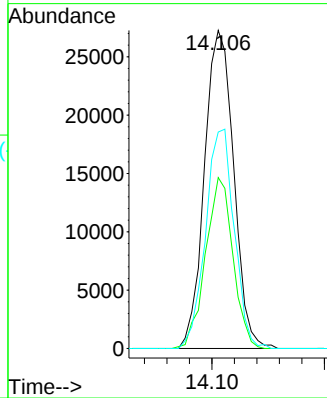
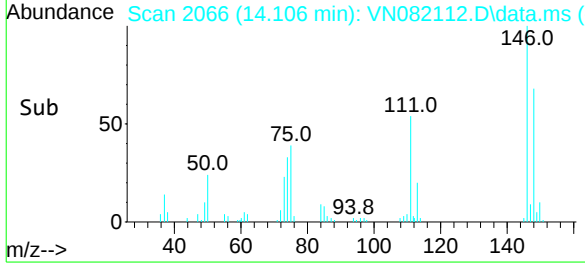
Tgt Ion:146 Resp: 49247
Ion Ratio Lower Upper
146 100
111 50.2 22.6 67.8
148 67.5 31.3 93.8

Manual Integrations
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Reviewed By :John
Carlone

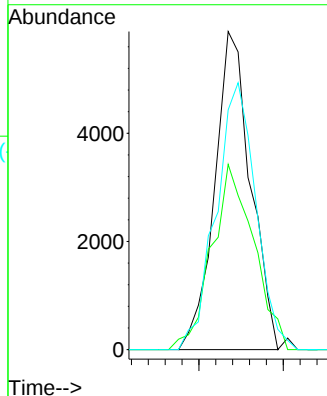
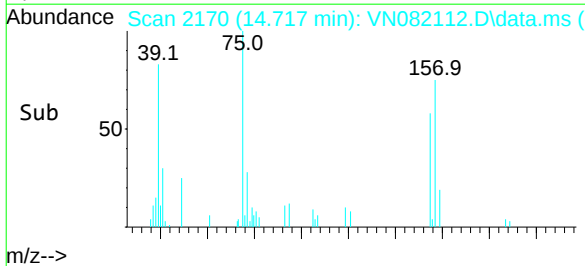
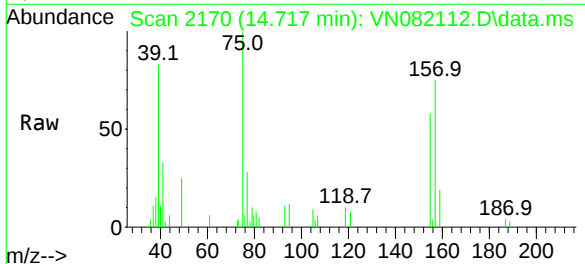
05/14/2024
Supervised By :Mahesh
Dadoda

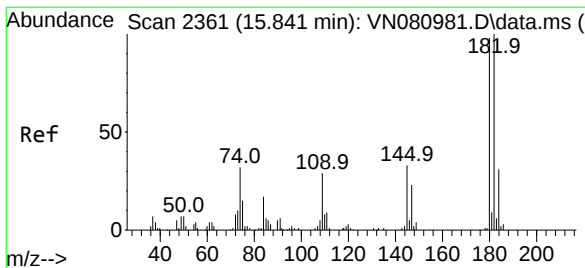
05/14/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.536 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 75 Resp: 8692
Ion Ratio Lower Upper
75 100
155 68.0 61.7 92.5
157 93.0 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 18.327 ug/l

RT: 15.847 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:	180	Resp:	26692
Ion Ratio	Lower	Upper	
180	100		
182	91.4	76.4	114.6
145	32.0	28.4	42.6

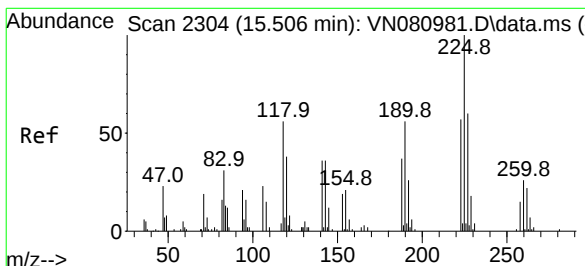
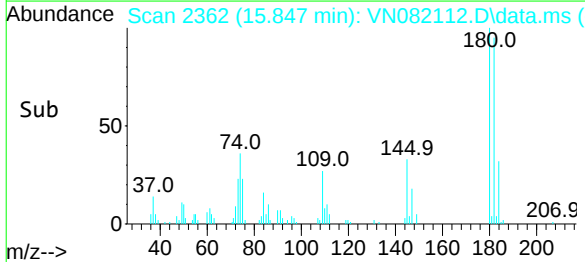
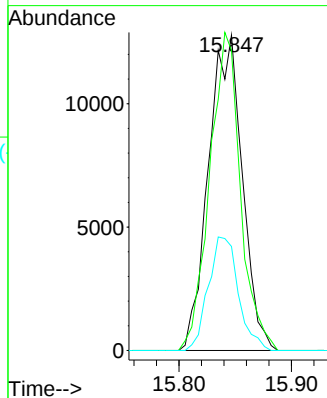
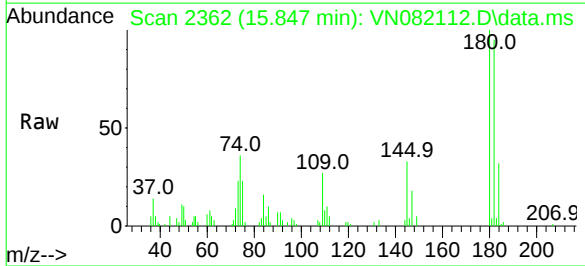
Manual Integrations
APPROVED

Reviewed By :John
Carlone

05/14/2024

Supervised By :Mahesh
Dadoda

05/14/2024



#90

Hexachlorobutadiene

Concen: 15.660 ug/l

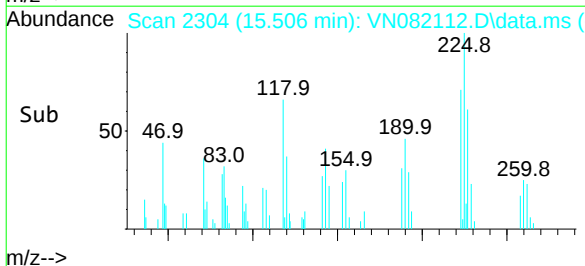
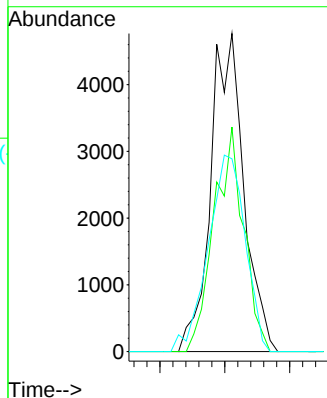
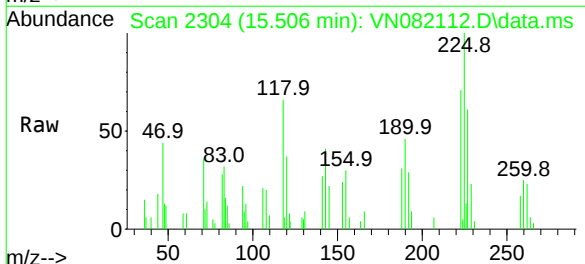
RT: 15.506 min Scan# 2304

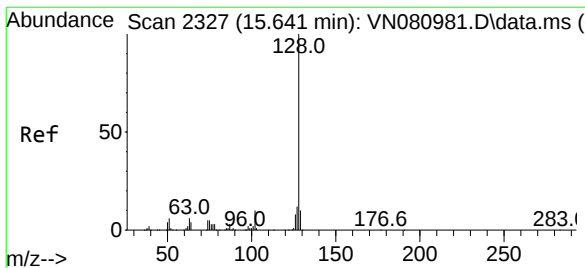
Delta R.T. -0.000 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

Tgt Ion:	225	Resp:	8447
Ion Ratio	Lower	Upper	
225	100		
223	63.5	0.0	126.6
227	69.2	0.0	126.6





#91

Naphthalene

Concen: 18.396 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:	128	Resp:	101852
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	16.0
129	10.4	8.6	13.0

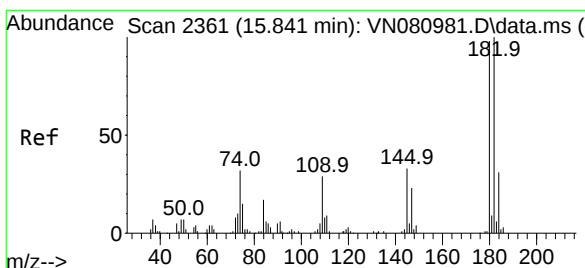
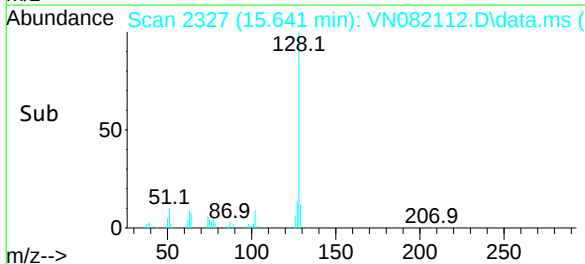
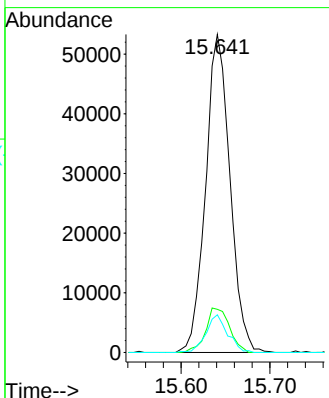
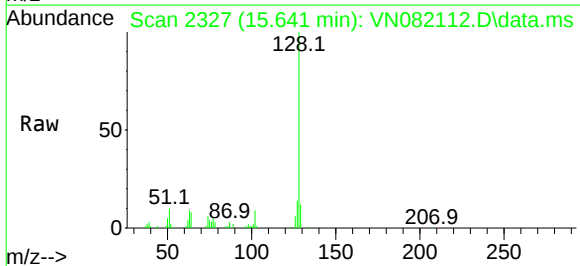
Manual Integrations
APPROVED

Reviewed By :John
Carlone

05/14/2024

Supervised By :Mahesh
Dadoda

05/14/2024



#92

1,2,3-Trichlorobenzene

Concen: 18.327 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

Tgt Ion:	180	Resp:	26692
Ion	Ratio	Lower	Upper
180	100		
182	91.4	0.0	191.0
145	32.0	0.0	71.0

