

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
 Data File : VN084223.D
 Acq On : 30 Sep 2024 17:42
 Operator : JC\MD
 Sample : VN0930WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBS01

Quant Time: Oct 01 07:15:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/01/2024
 Supervised By : Mahesh Dadoda 10/01/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	179631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	305301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	133921	50.283	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.560%			
35) Dibromofluoromethane	8.165	113	102387	50.870	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.740%			
50) Toluene-d8	10.565	98	390781	52.772	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.540%			
62) 4-Bromofluorobenzene	12.847	95	145218	53.830	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	38774	18.249	ug/l	94
3) Chloromethane	2.359	50	42505	17.520	ug/l	95
4) Vinyl Chloride	2.512	62	42630	18.140	ug/l	99
5) Bromomethane	2.965	94	26795	17.286	ug/l	99
6) Chloroethane	3.124	64	27766	16.498	ug/l	91
7) Trichlorofluoromethane	3.501	101	66623	18.206	ug/l	95
8) Diethyl Ether	3.965	74	23709	17.469	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	37154	17.719	ug/l	99
10) Methyl Iodide	4.595	142	48120	17.820	ug/l	94
11) Tert butyl alcohol	5.530	59	35637	81.147	ug/l	99
12) 1,1-Dichloroethene	4.342	96	36693	18.142	ug/l	95
13) Acrolein	4.177	56	46301	91.836	ug/l	97
14) Allyl chloride	5.030	41	60584	17.248	ug/l	99
15) Acrylonitrile	5.718	53	97967	88.337	ug/l	98
16) Acetone	4.430	43	104322	91.181	ug/l	96
17) Carbon Disulfide	4.712	76	108953	17.015	ug/l	99
18) Methyl Acetate	5.030	43	43284	17.357	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	122595	17.959	ug/l	98
20) Methylene Chloride	5.277	84	41090	17.667	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	38964	18.388	ug/l	98
22) Diisopropyl ether	6.671	45	135664	18.672	ug/l	98
23) Vinyl Acetate	6.606	43	497355	92.294	ug/l	99
24) 1,1-Dichloroethane	6.571	63	75335	18.541	ug/l	98
25) 2-Butanone	7.477	43	137494	88.232	ug/l	96
26) 2,2-Dichloropropane	7.489	77	66544	18.164	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	45351	17.712	ug/l	99
28) Bromochloromethane	7.812	49	33948	18.726	ug/l	99
29) Tetrahydrofuran	7.836	42	83183	86.499	ug/l	98
30) Chloroform	7.965	83	75736	17.945	ug/l	96
31) Cyclohexane	8.259	56	69029	17.498	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	68007	17.942	ug/l	97
36) 1,1-Dichloropropene	8.371	75	54357	18.593	ug/l	99
37) Ethyl Acetate	7.559	43	53890	17.967	ug/l	97
38) Carbon Tetrachloride	8.359	117	59448	18.537	ug/l	98
39) Methylcyclohexane	9.600	83	62343	19.160	ug/l	98
40) Benzene	8.606	78	169774	18.638	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	27494	16.885	ug/l	95
42) 1,2-Dichloroethane	8.665	62	58695	19.007	ug/l	100
43) Isopropyl Acetate	8.688	43	94280	16.048	ug/l	99
44) Trichloroethene	9.353	130	39307	18.476	ug/l	97
45) 1,2-Dichloropropane	9.624	63	41258	19.147	ug/l	99
46) Dibromomethane	9.706	93	28100	19.324	ug/l	100
47) Bromodichloromethane	9.888	83	59893	18.539	ug/l	96
48) Methyl methacrylate	9.682	41	42576	18.206	ug/l	98
49) 1,4-Dioxane	9.694	88	13922	323.362	ug/l #	78
51) 4-Methyl-2-Pentanone	10.441	43	265020	92.819	ug/l	98
52) Toluene	10.629	92	104690	18.847	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	61031	18.533	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	66204	18.690	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	38084	19.126	ug/l	94
56) Ethyl methacrylate	10.871	69	60249	18.388	ug/l	95
57) 1,3-Dichloropropane	11.165	76	65348	18.366	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	129575	85.249	ug/l	100
59) 2-Hexanone	11.194	43	202282	94.788	ug/l	99
60) Dibromochloromethane	11.359	129	43749	18.595	ug/l	99
61) 1,2-Dibromoethane	11.471	107	37663	18.203	ug/l	97
64) Tetrachloroethene	11.100	164	34850	18.444	ug/l	97
65) Chlorobenzene	11.888	112	110459	18.364	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	37795	18.243	ug/l	98
67) Ethyl Benzene	11.965	91	198257	18.638	ug/l	99
68) m/p-Xylenes	12.071	106	149877	38.090	ug/l	100
69) o-Xylene	12.400	106	70192	18.855	ug/l	98
70) Styrene	12.412	104	120473	19.105	ug/l	100
71) Bromoform	12.576	173	27774	18.209	ug/l #	97
73) Isopropylbenzene	12.694	105	182992	18.267	ug/l	100
74) N-amyl acetate	12.494	43	79826	17.597	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	52359	17.382	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	44859m	16.738	ug/l	
77) Bromobenzene	12.976	156	43554	18.024	ug/l	99
78) n-propylbenzene	13.035	91	222835	19.199	ug/l	99
79) 2-Chlorotoluene	13.123	91	133979	18.090	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	156715	19.178	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	20945	18.736	ug/l	92
82) 4-Chlorotoluene	13.218	91	140609	18.860	ug/l	100
83) tert-Butylbenzene	13.435	119	132393	18.229	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	158320	19.232	ug/l	98
85) sec-Butylbenzene	13.618	105	186416	19.234	ug/l	99
86) p-Isopropyltoluene	13.729	119	157222	19.618	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	82192	18.131	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	83918	18.331	ug/l	99
89) n-Butylbenzene	14.053	91	136610	18.799	ug/l	98
90) Hexachloroethane	14.329	117	28209	17.341	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	77053	17.335	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10280	16.538	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	40706	18.593	ug/l	97
94) Hexachlorobutadiene	15.500	225	19113	17.505	ug/l	98
95) Naphthalene	15.641	128	125676	17.315	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	40371	18.421	ug/l	100

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

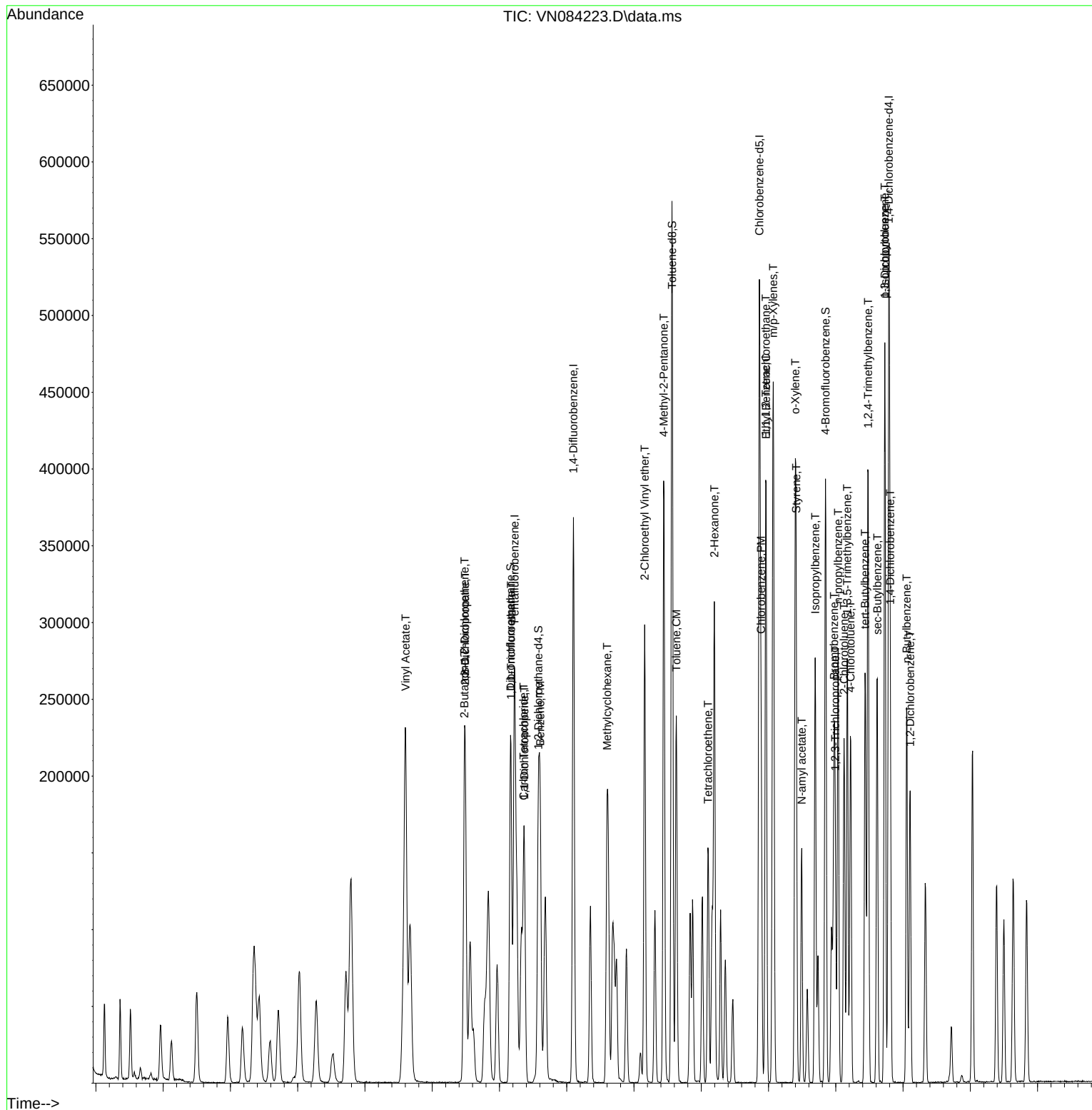
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
Data File : VN084223.D
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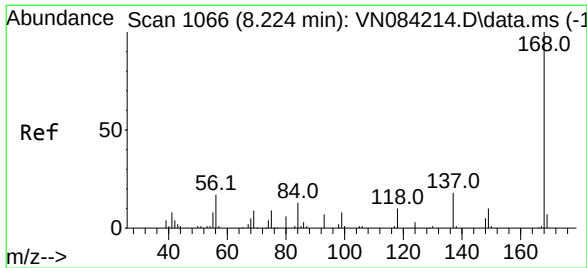
Instrument :
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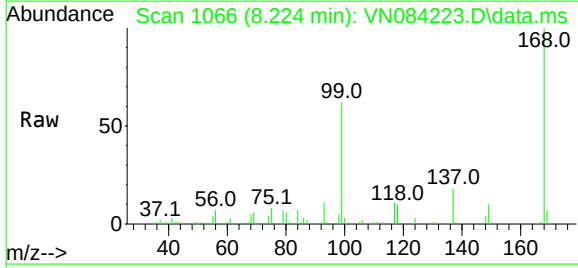
Quant Time: Oct 01 07:15:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

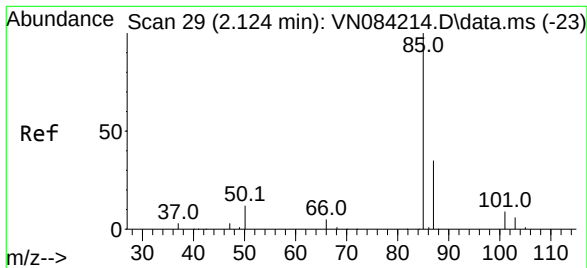
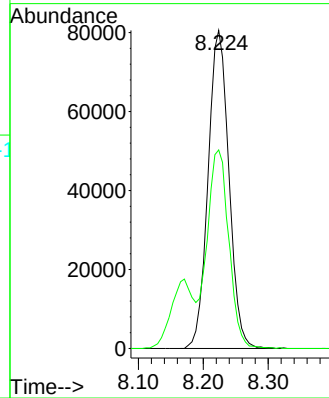
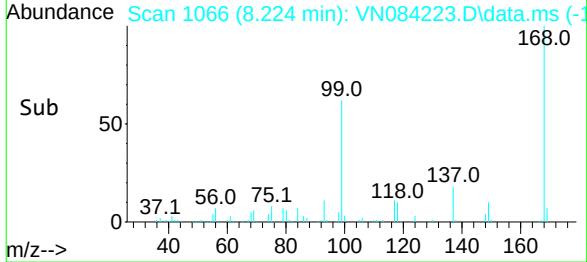
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



Tgt Ion:168 Resp: 179631
Ion Ratio Lower Upper
168 100
99 62.2 54.2 81.2

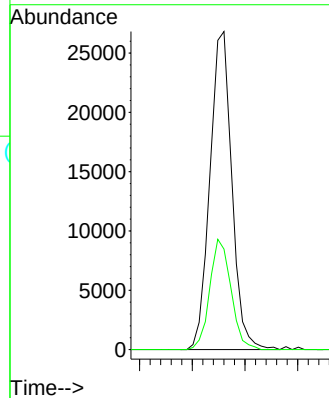
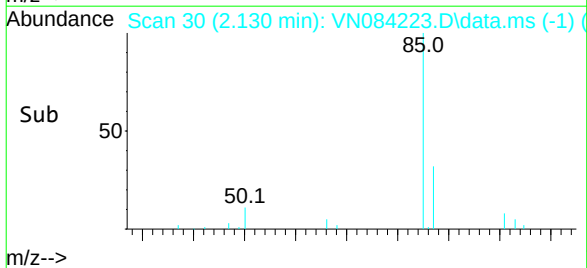
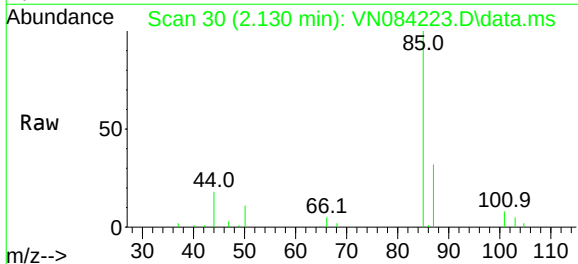
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APPROVED

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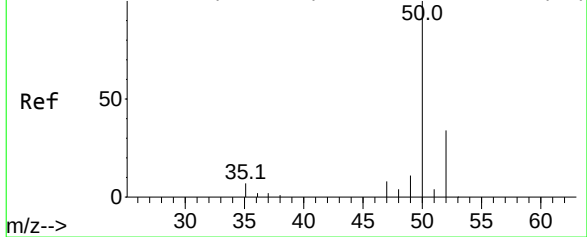


#2
Dichlorodifluoromethane
Concen: 18.249 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Tgt Ion: 85 Resp: 38774
Ion Ratio Lower Upper
85 100
87 31.6 17.6 52.9



Abundance Scan 69 (2.359 min): VN084214.D\data.ms (-63)



#3

Chloromethane

Concen: 17.520 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

Tgt Ion: 50 Resp: 42505

Ion Ratio Lower Upper

50 100

52 30.6 26.8 40.2

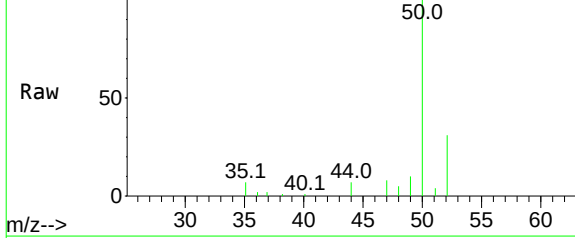
Manual Integrations

APPROVED

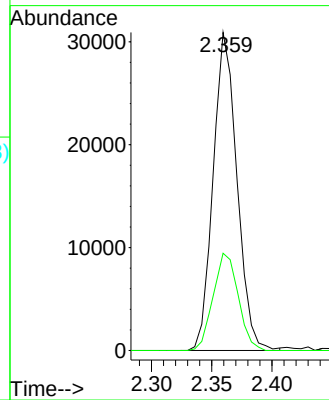
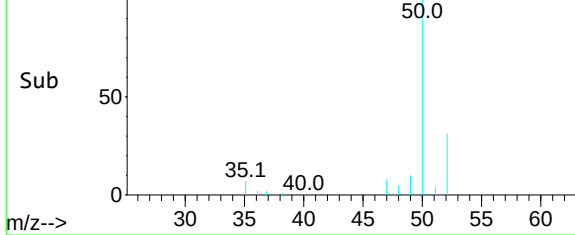
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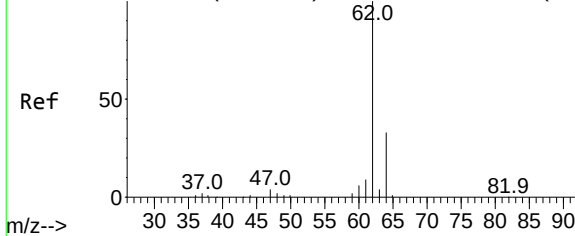
Abundance Scan 69 (2.359 min): VN084223.D\data.ms



Abundance Scan 69 (2.359 min): VN084223.D\data.ms (-18)



Abundance Scan 96 (2.518 min): VN084214.D\data.ms (-88)



#4

Vinyl Chloride

Concen: 18.140 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

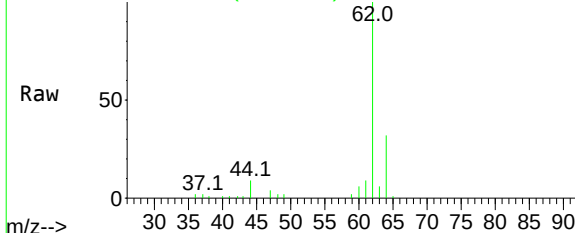
Tgt Ion: 62 Resp: 42630

Ion Ratio Lower Upper

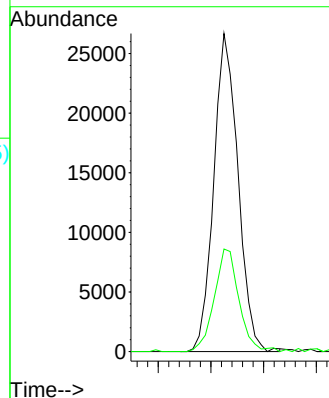
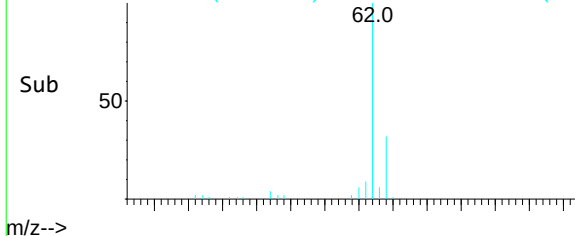
62 100

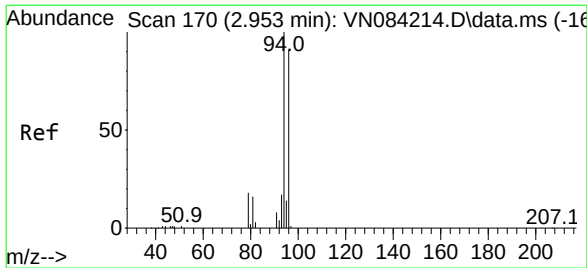
64 32.2 26.2 39.4

Abundance Scan 95 (2.512 min): VN084223.D\data.ms



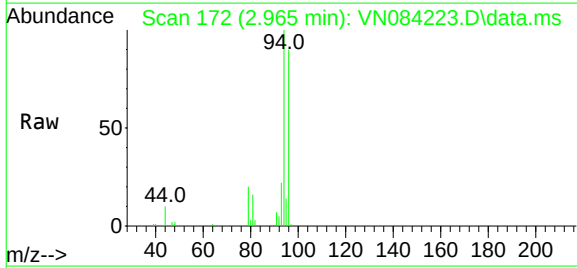
Abundance Scan 95 (2.512 min): VN084223.D\data.ms (-45)





#5
Bromomethane
Concen: 17.286 ug/l
RT: 2.965 min Scan# 171
Delta R.T. 0.012 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

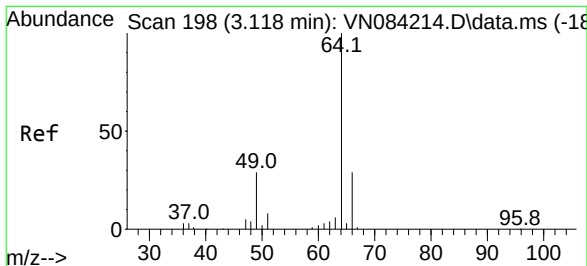
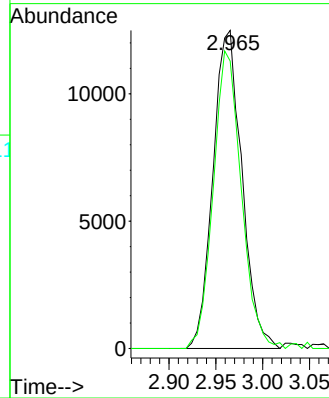
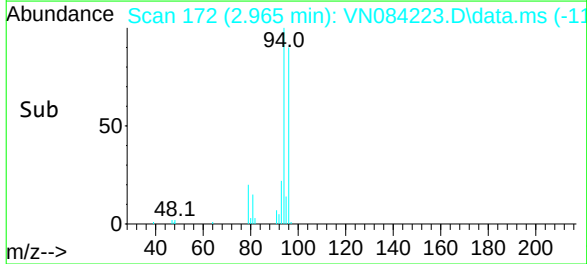
Instrument :
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Tgt Ion: 94 Resp: 26795
Ion Ratio Lower Upper
94 100
96 90.4 72.9 109.3

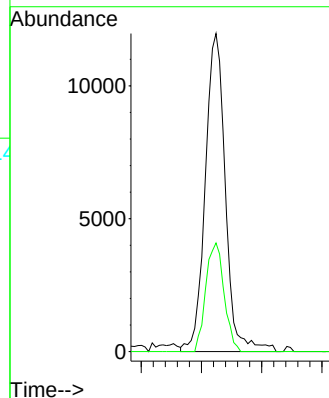
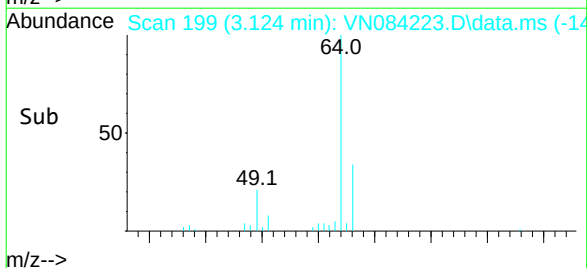
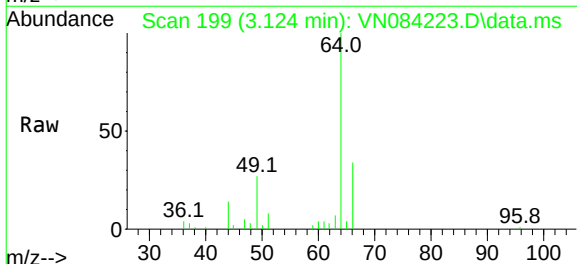
Manual Integrations
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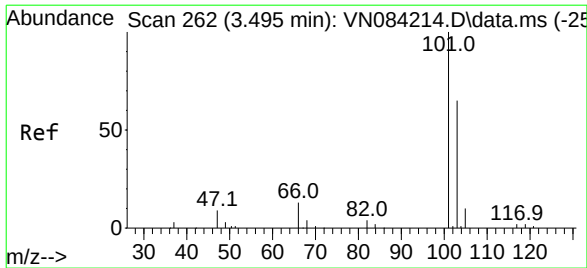
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#6
Chloroethane
Concen: 16.498 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Tgt Ion: 64 Resp: 27766
Ion Ratio Lower Upper
64 100
66 34.2 23.5 35.3





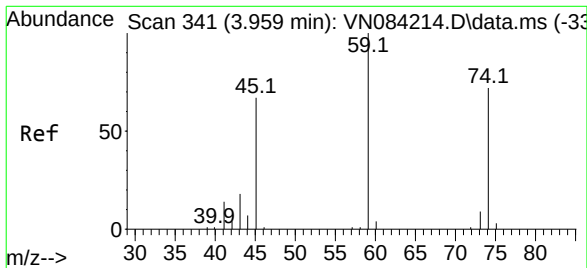
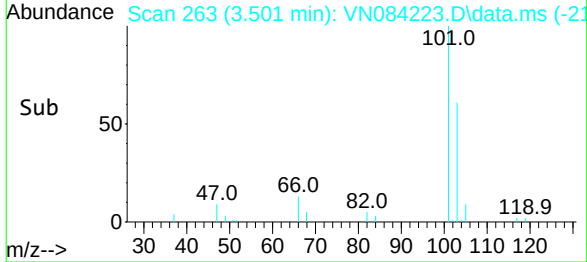
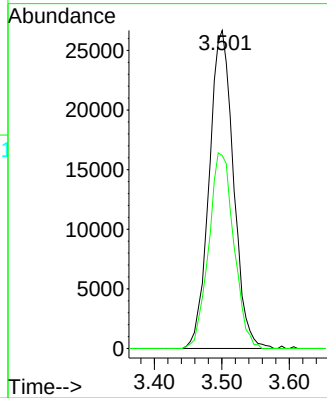
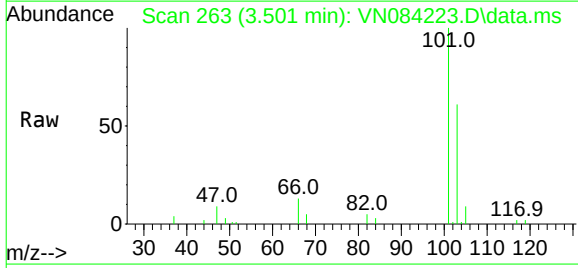
#7
 Trichlorofluoromethane
 Concen: 18.206 ug/l
 RT: 3.501 min Scan# 262
 Delta R.T. 0.006 min
 Lab File: VN084223.D
 Acq: 30 Sep 2024 17:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBS01

Tgt Ion:101 Resp: 66623
 Ion Ratio Lower Upper
 101 100
 103 60.7 51.8 77.6

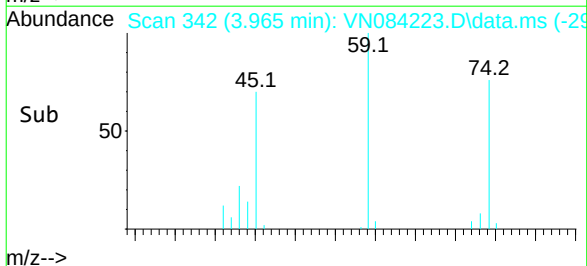
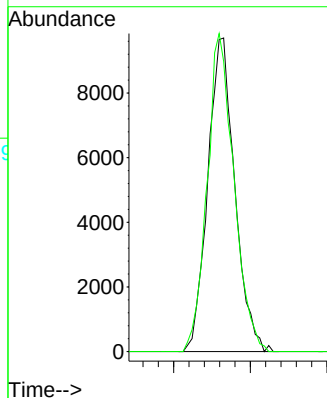
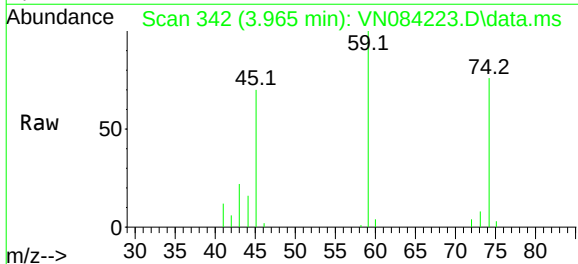
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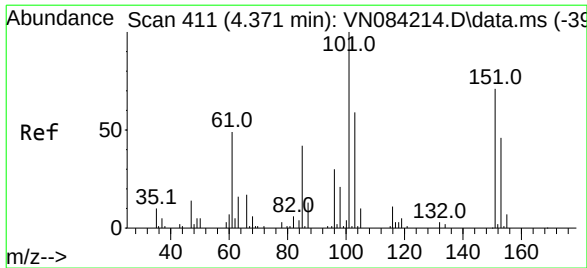
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#8
 Diethyl Ether
 Concen: 17.469 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN084223.D
 Acq: 30 Sep 2024 17:42

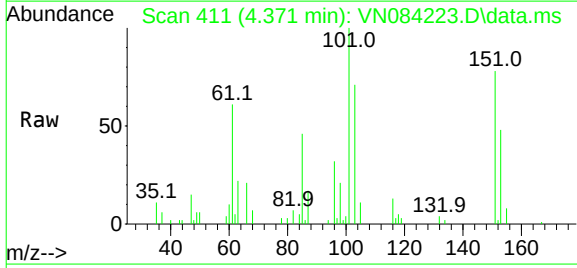
Tgt Ion: 74 Resp: 23709
 Ion Ratio Lower Upper
 74 100
 45 100.5 47.7 143.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.719 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

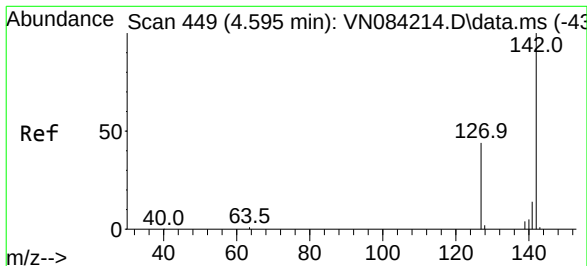
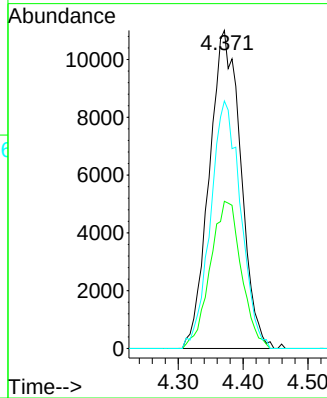
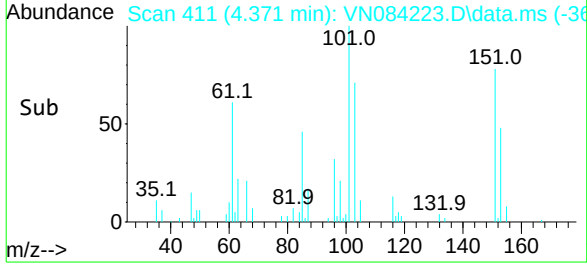
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



Tgt Ion:101 Resp: 37154
Ion Ratio Lower Upper
101 100
85 45.7 36.2 54.4
151 74.7 59.3 88.9

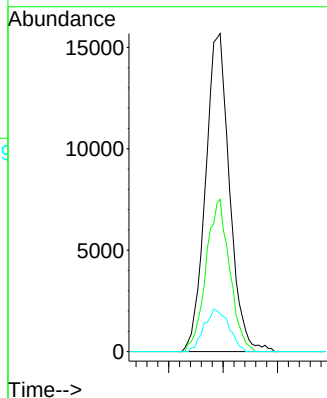
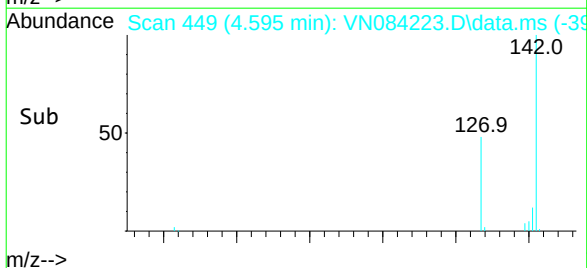
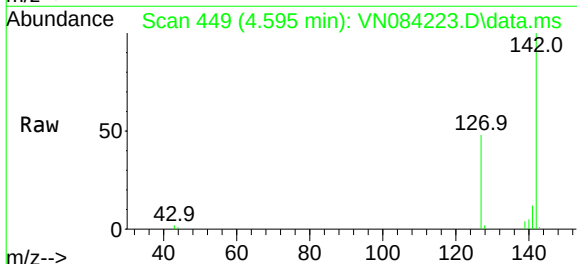
Manual Integrations
APPROVED

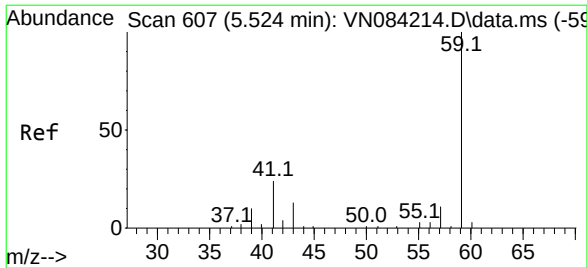
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#10
Methyl Iodide
Concen: 17.820 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Tgt Ion:142 Resp: 48120
Ion Ratio Lower Upper
142 100
127 47.9 35.3 52.9
141 11.9 11.0 16.6





#11

Tert butyl alcohol

Concen: 81.147 ug/l

RT: 5.530 min Scan# 607

Delta R.T. 0.006 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

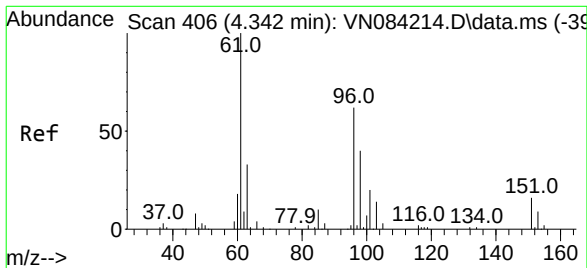
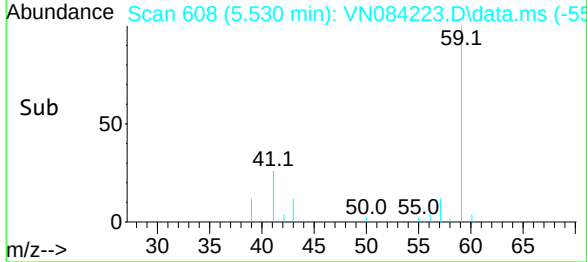
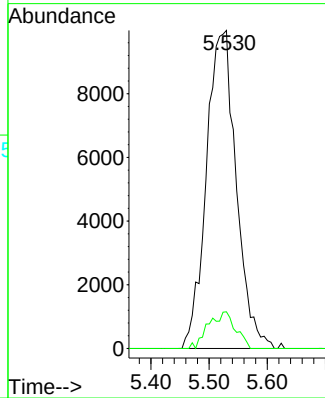
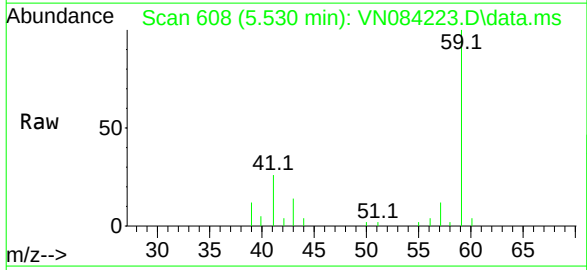
Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#12

1,1-Dichloroethene

Concen: 18.142 ug/l

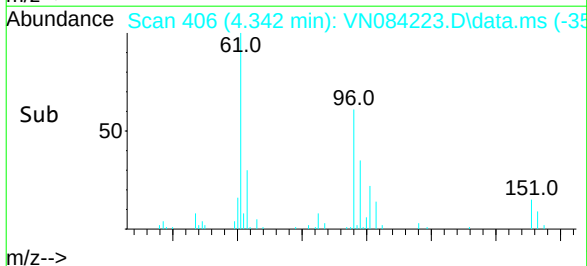
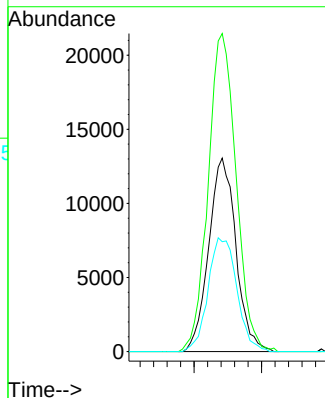
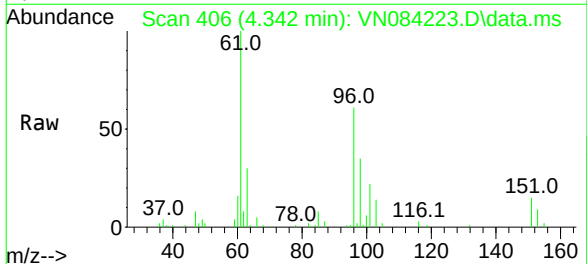
RT: 4.342 min Scan# 406

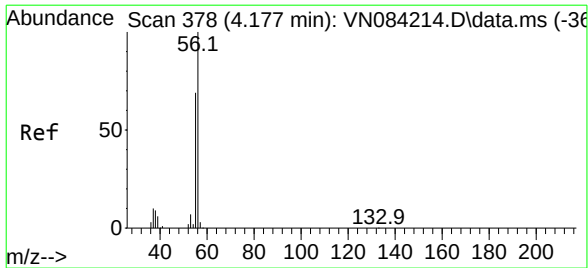
Delta R.T. 0.000 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.4	128.6	192.8
98	56.8	51.7	77.5





#13

Acrolein

Concen: 91.836 ug/l

RT: 4.177 min Scan# 37

Delta R.T. 0.000 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

Tgt Ion: 56 Resp: 46301

Ion Ratio Lower Upper

56 100

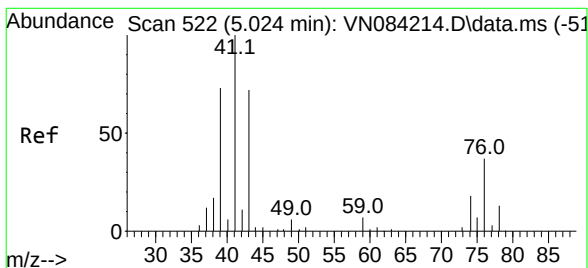
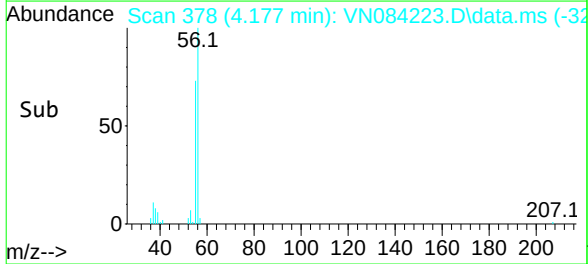
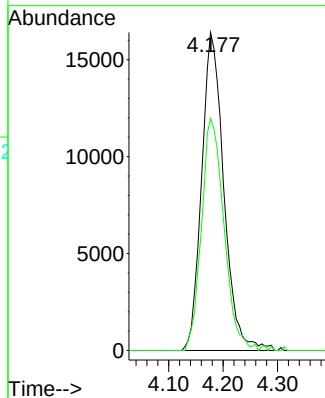
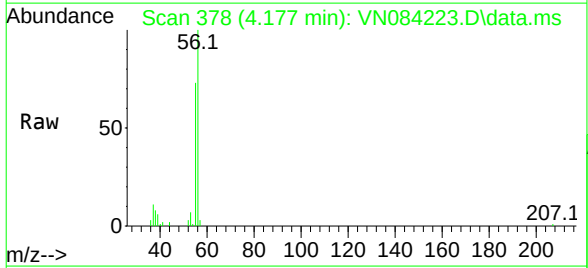
55 74.2 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#14

Allyl chloride

Concen: 17.248 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

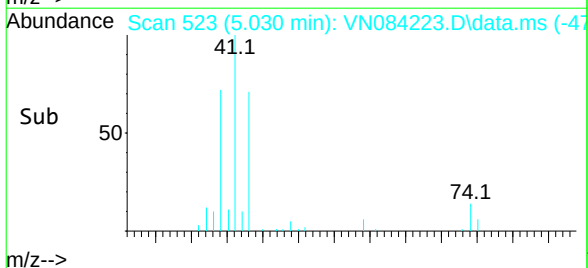
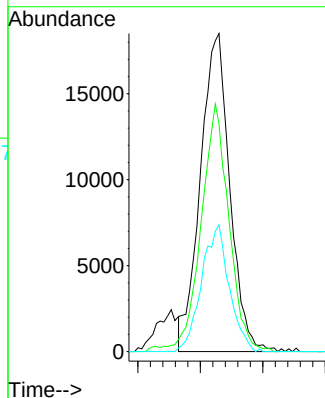
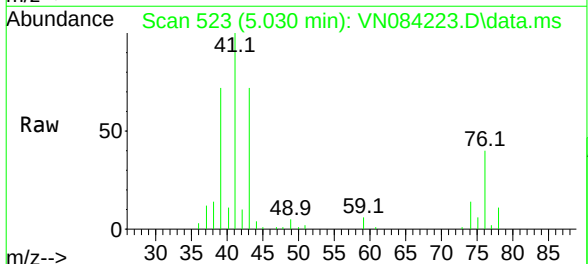
Tgt Ion: 41 Resp: 60584

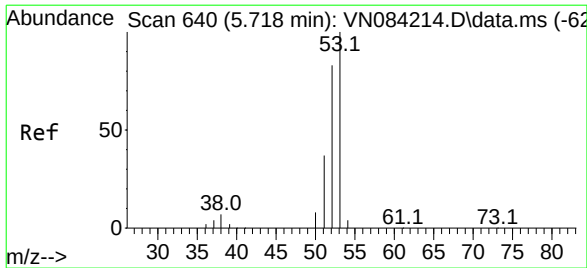
Ion Ratio Lower Upper

41 100

39 73.2 59.0 88.6

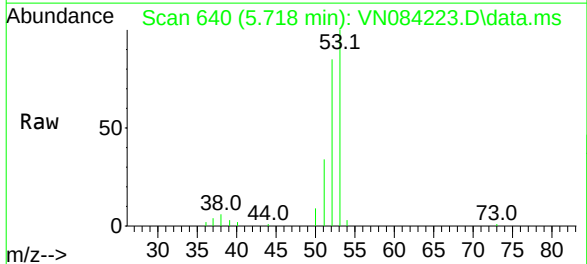
76 37.4 29.8 44.6





#15
Acrylonitrile
Concen: 88.337 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

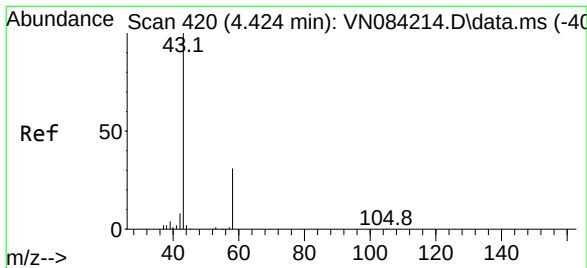
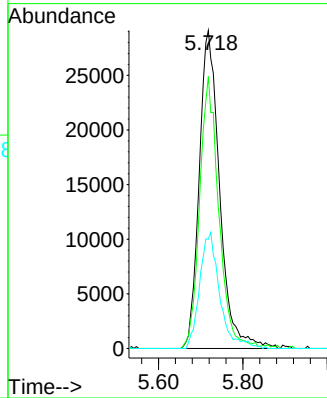
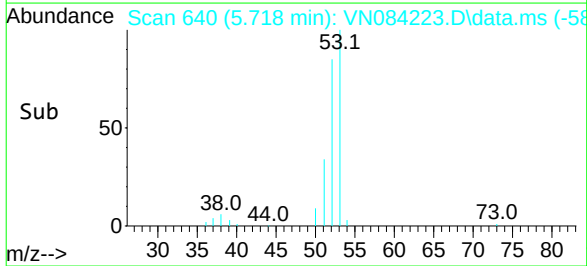
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



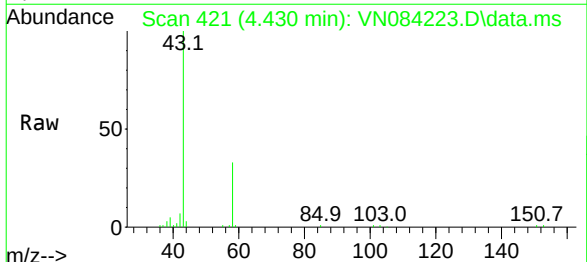
Tgt Ion: 53 Resp: 97967
Ion Ratio Lower Upper
53 100
52 79.8 66.2 99.4
51 35.7 28.8 43.2

Manual Integrations
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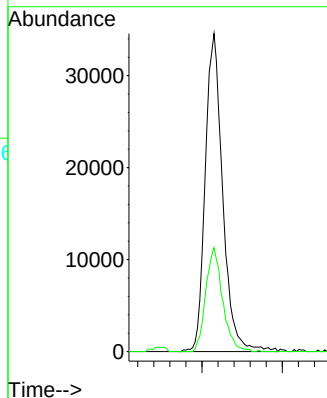
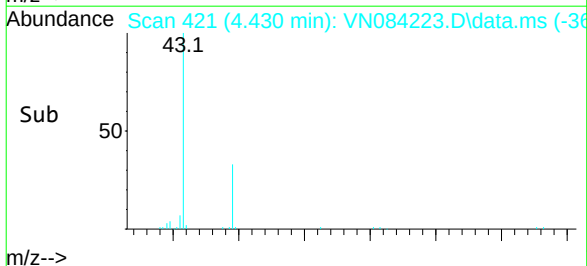
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

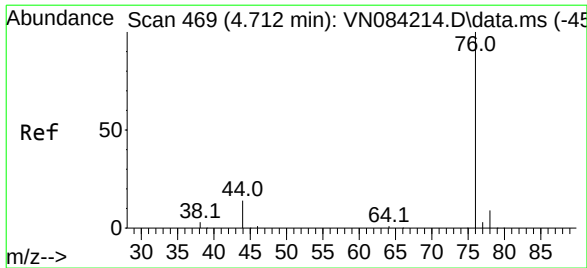


#16
Acetone
Concen: 91.181 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42



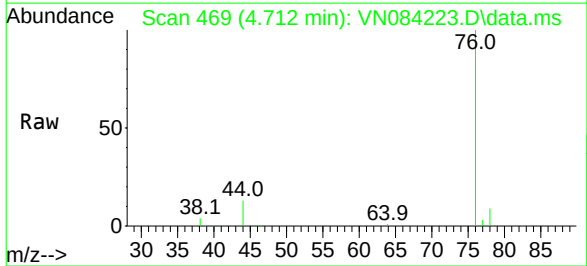
Tgt Ion: 43 Resp: 104322
Ion Ratio Lower Upper
43 100
58 32.7 24.4 36.6





#17
Carbon Disulfide
Concen: 17.015 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

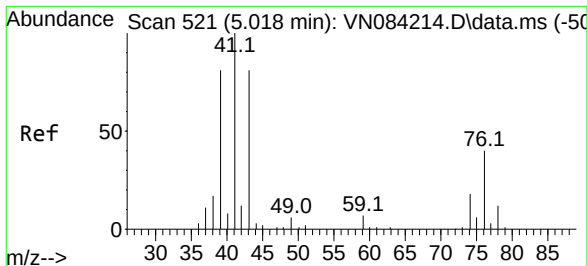
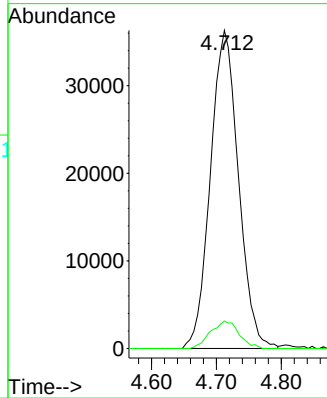
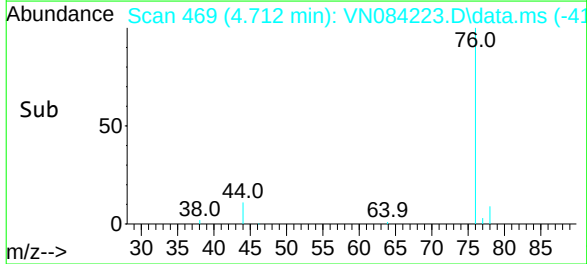
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



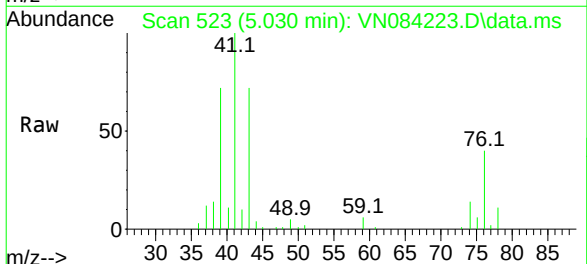
Tgt Ion: 76 Resp: 108953
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9

Manual Integrations
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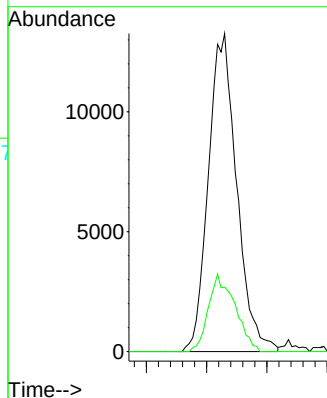
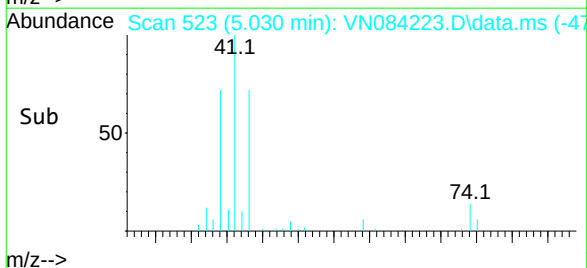
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

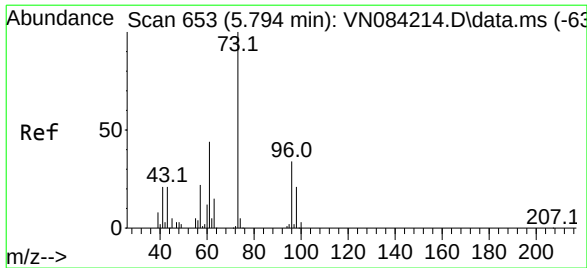


#18
Methyl Acetate
Concen: 17.357 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42



Tgt Ion: 43 Resp: 43284
Ion Ratio Lower Upper
43 100
74 22.8 19.2 28.8





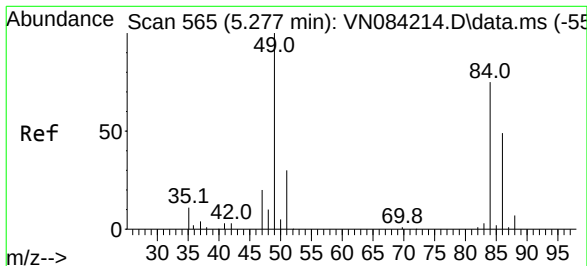
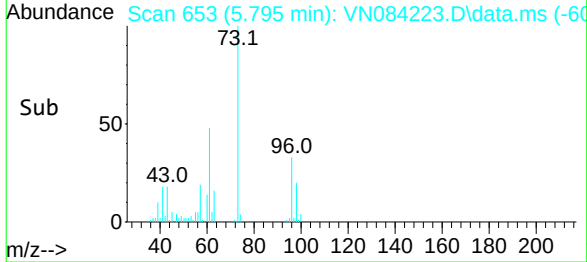
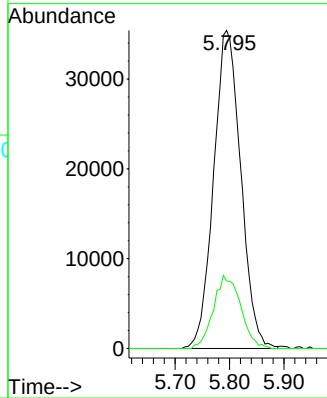
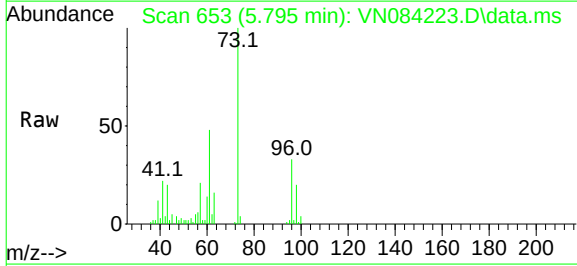
#19
Methyl tert-butyl Ether
Concen: 17.959 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

Tgt Ion: 73 Resp: 122595
Ion Ratio Lower Upper
73 100
57 21.2 17.7 26.5

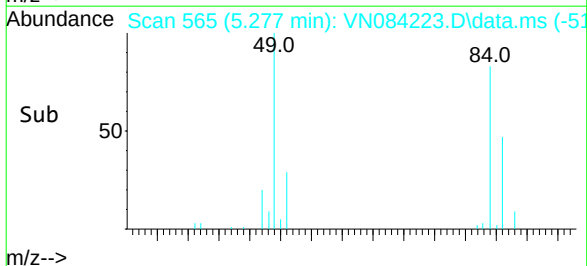
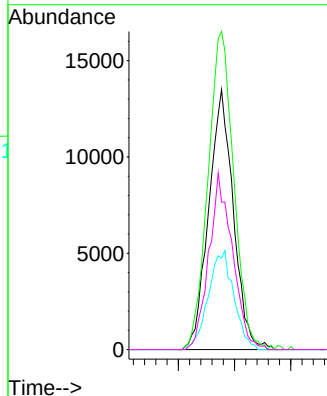
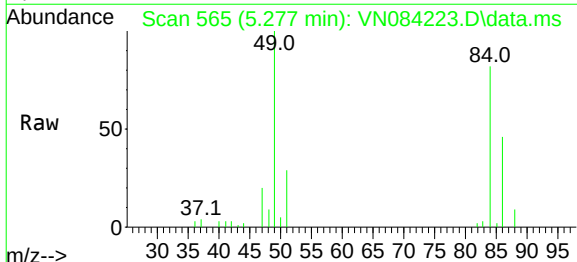
Manual Integrations
APPROVED

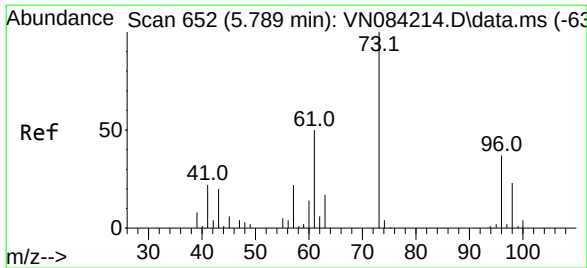
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#20
Methylene Chloride
Concen: 17.667 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Tgt Ion: 84 Resp: 41090
Ion Ratio Lower Upper
84 100
49 122.3 107.2 160.8
51 35.2 31.8 47.8
86 56.7 52.9 79.3





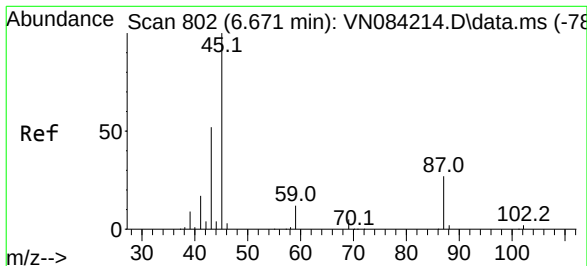
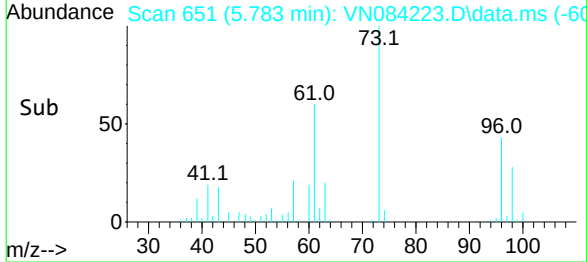
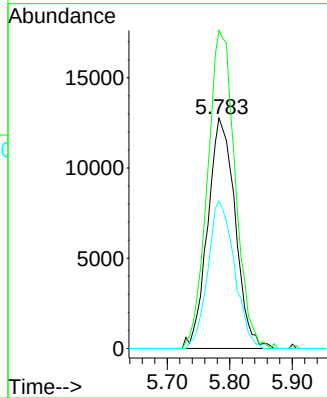
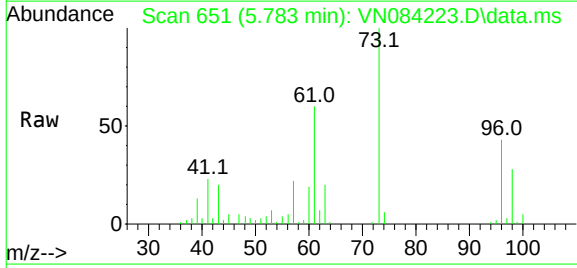
#21
trans-1,2-Dichloroethene
Concen: 18.388 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

Tgt Ion:	96	Resp:	38964
Ion	Ratio	Lower	Upper
96	100		
61	138.1	108.4	162.6
98	63.9	49.8	74.8

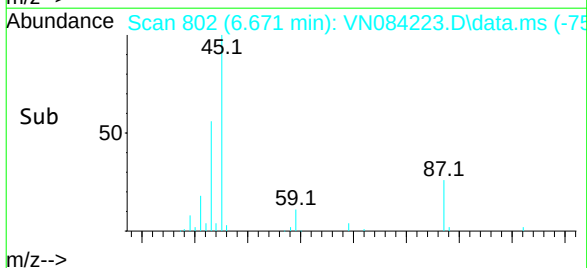
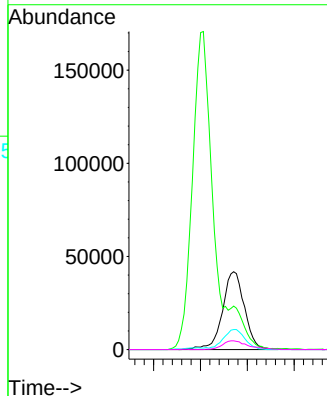
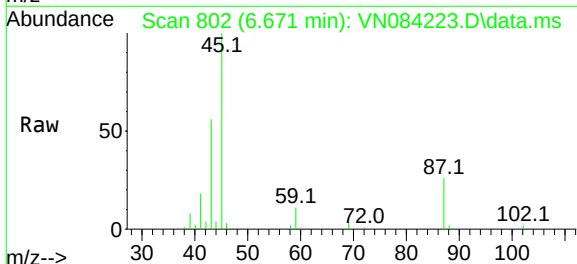
Manual Integrations
APPROVED

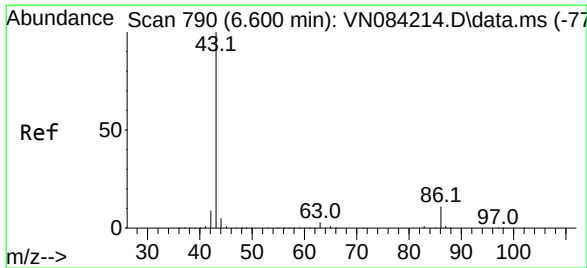
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#22
Diisopropyl ether
Concen: 18.672 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Tgt Ion:	45	Resp:	135664
Ion	Ratio	Lower	Upper
45	100		
43	54.3	42.3	63.5
87	25.7	21.8	32.6
59	11.3	9.6	14.4





#23

Vinyl Acetate

Concen: 92.294 ug/l

RT: 6.606 min Scan# 791

Delta R.T. 0.006 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

Tgt Ion: 43 Resp: 497355

Ion Ratio Lower Upper

43 100

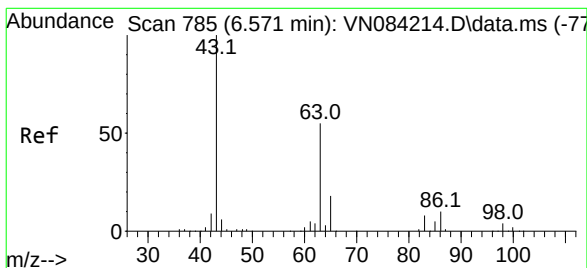
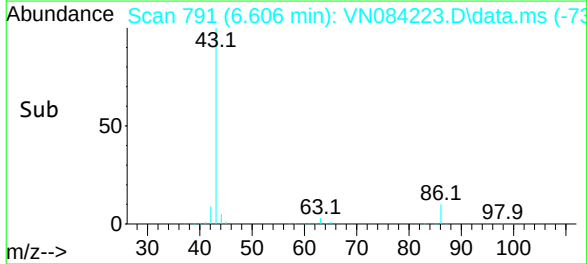
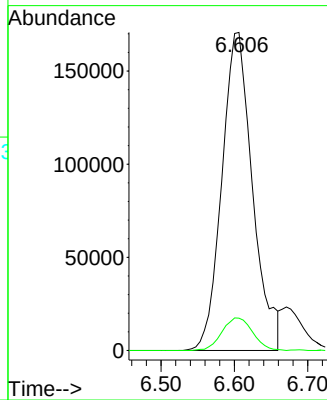
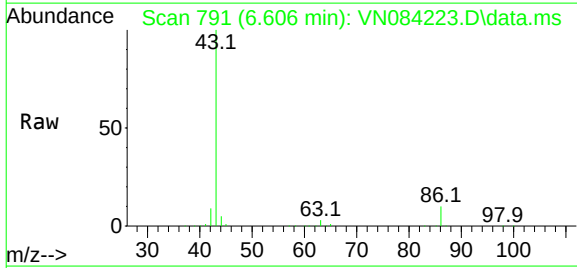
86 10.2 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#24

1,1-Dichloroethane

Concen: 18.541 ug/l

RT: 6.571 min Scan# 785

Delta R.T. 0.000 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

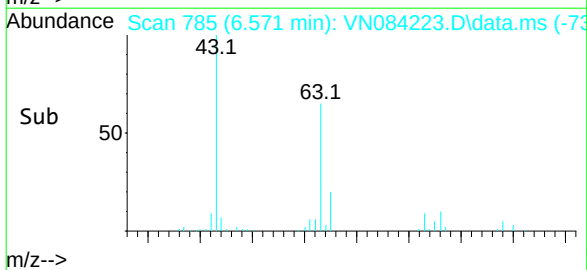
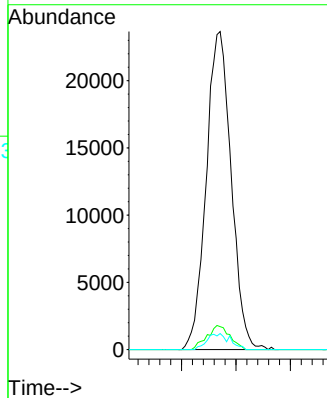
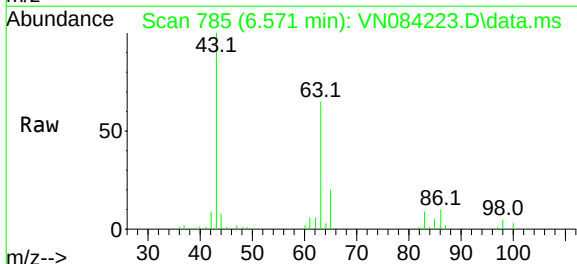
Tgt Ion: 63 Resp: 75335

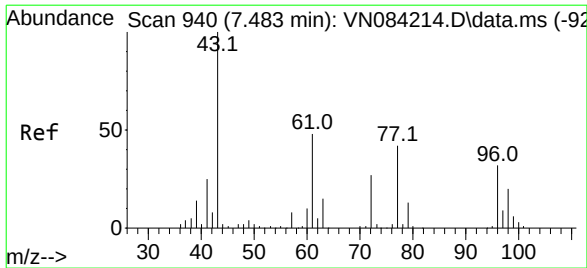
Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.2

100 5.0 2.0 5.8





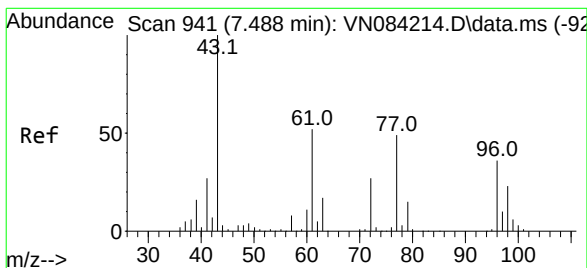
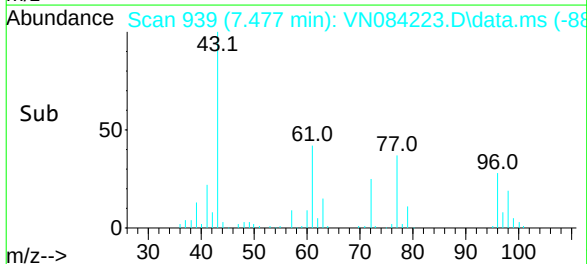
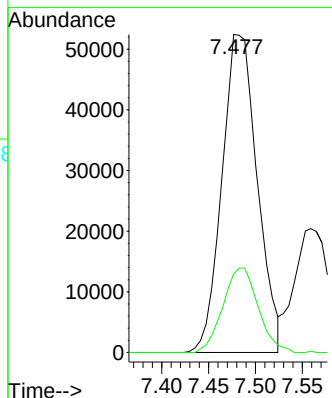
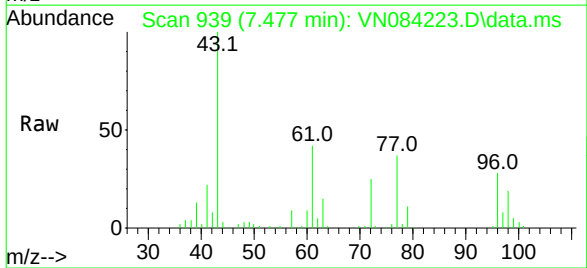
#25
2-Butanone
Concen: 88.232 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

Tgt Ion: 43 Resp: 137494
Ion Ratio Lower Upper
43 100
72 24.7 21.4 32.2

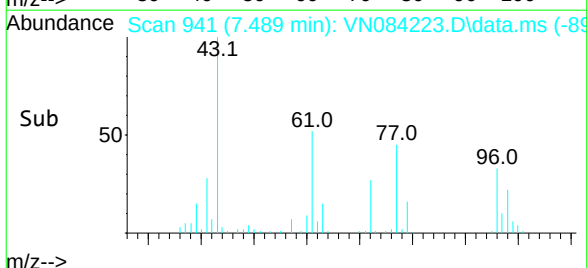
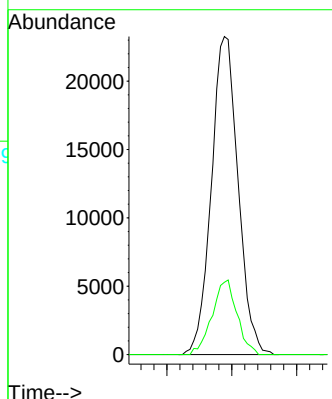
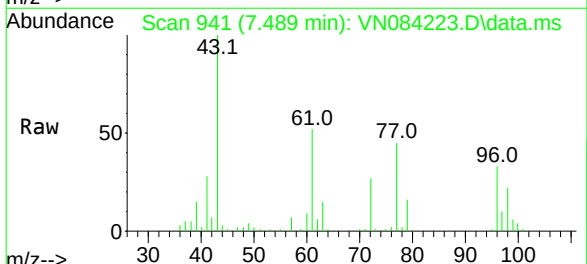
Manual Integrations
APPROVED

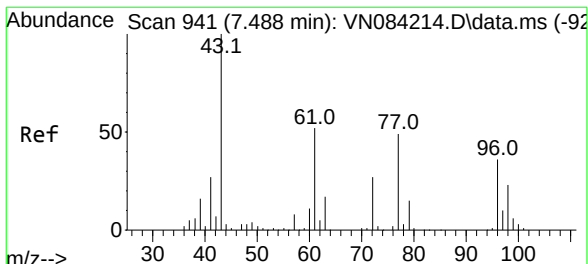
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#26
2,2-Dichloropropane
Concen: 18.164 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Tgt Ion: 77 Resp: 66544
Ion Ratio Lower Upper
77 100
97 21.8 10.8 32.3





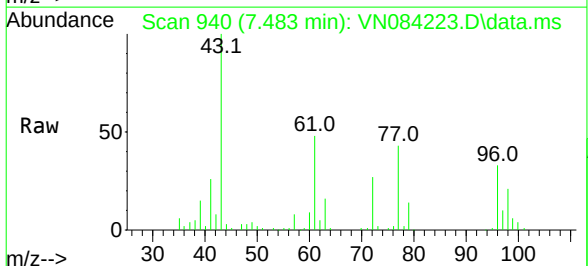
#27
 cis-1,2-Dichloroethene
 Concen: 17.712 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN084223.D
 Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_N

ClientSampleId :

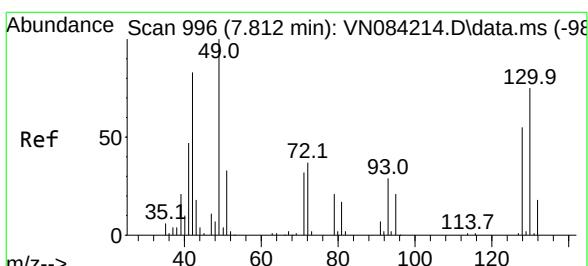
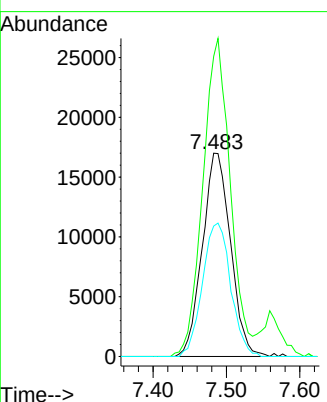
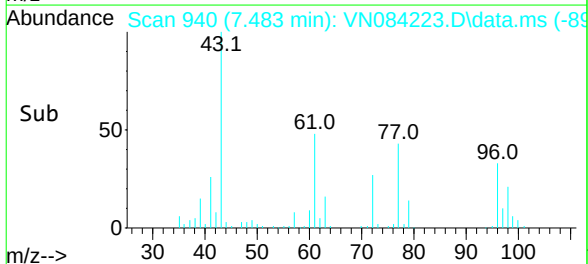
VN0930WBS01



Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.3	0.0	301.8
98	65.7	0.0	128.2

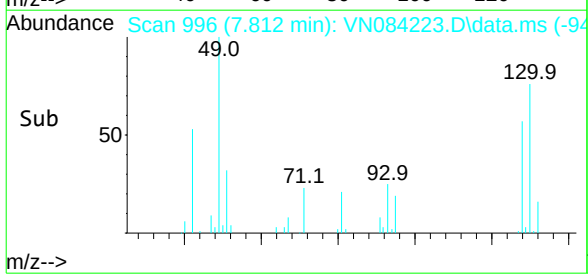
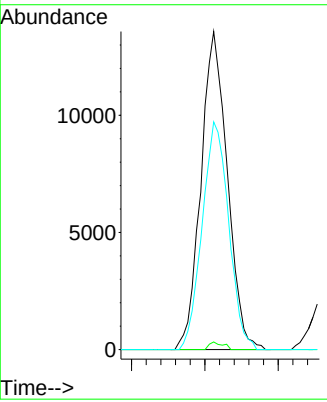
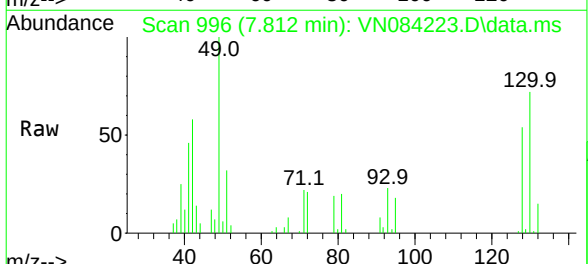
Manual Integrations
 APPROVED

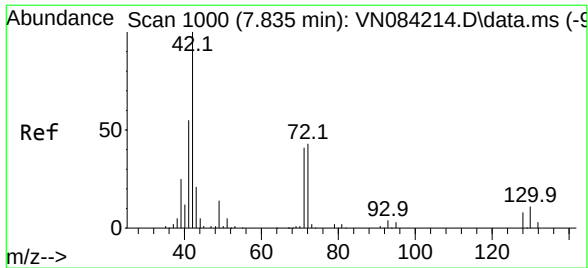
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#28
 Bromochloromethane
 Concen: 18.726 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN084223.D
 Acq: 30 Sep 2024 17:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.6
130	72.0	58.0	87.0





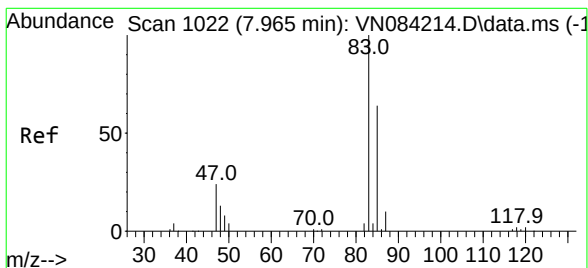
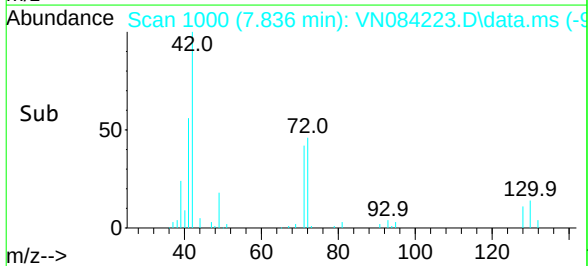
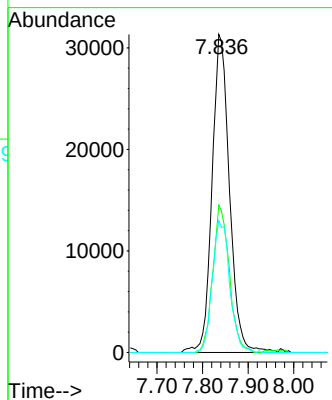
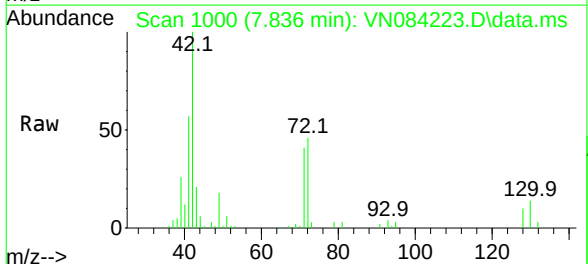
#29
Tetrahydrofuran
Concen: 86.499 ug/l
RT: 7.836 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

Tgt Ion:	42	Resp:	83183
Ion	Ratio	Lower	Upper
42	100		
72	44.1	34.6	51.8
71	41.5	32.2	48.4

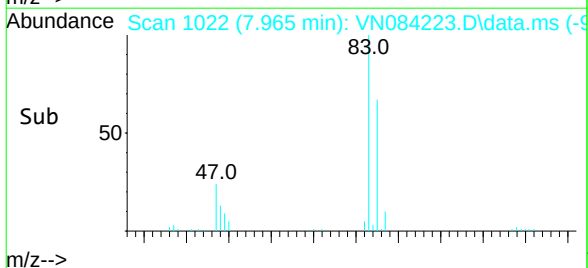
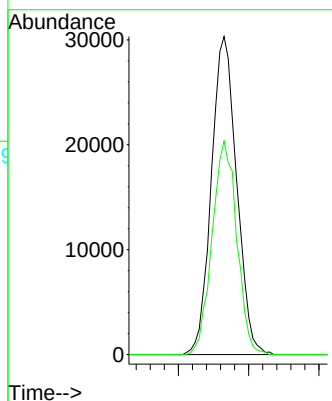
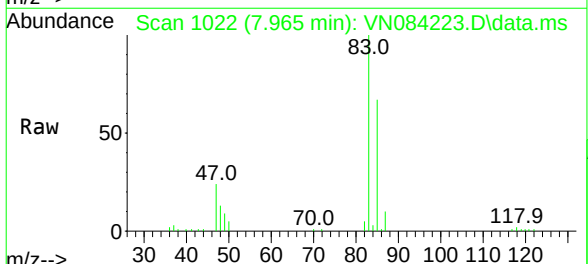
Manual Integrations
APPROVED

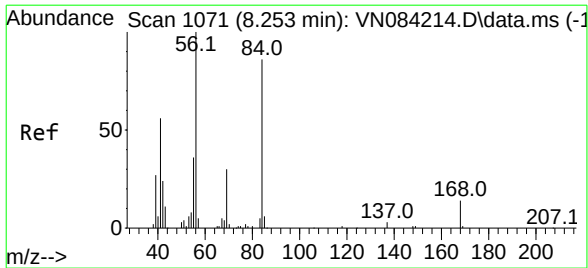
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#30
Chloroform
Concen: 17.945 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Tgt Ion:	83	Resp:	75736
Ion	Ratio	Lower	Upper
83	100		
85	67.1	51.0	76.4





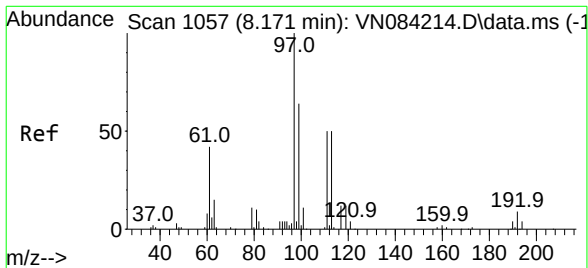
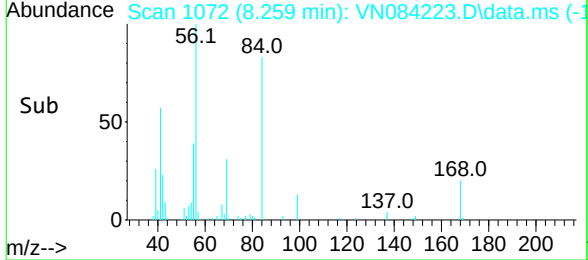
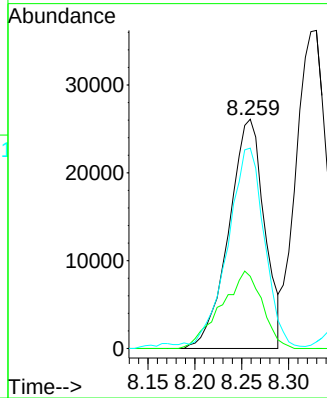
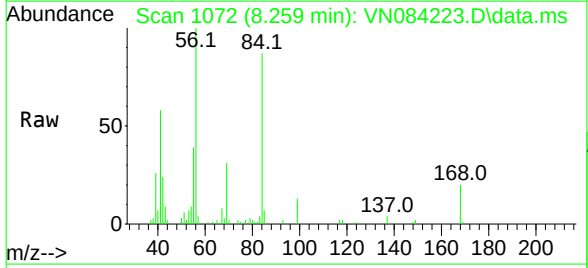
#31
Cyclohexane
Concen: 17.498 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

Tgt Ion:	56	Resp:	69029
Ion	Ratio	Lower	Upper
56	100		
69	31.5	23.8	35.6
84	85.7	68.8	103.2

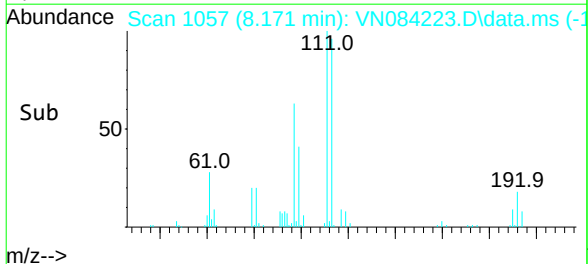
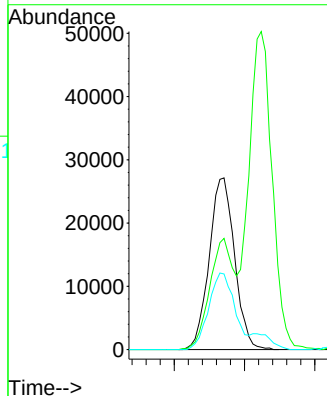
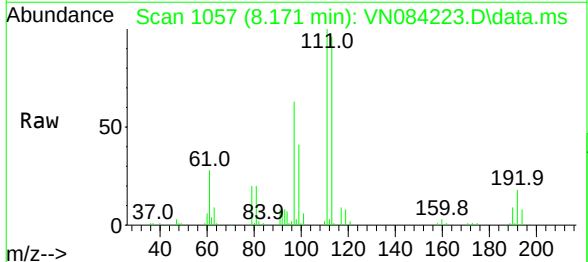
Manual Integrations
APPROVED

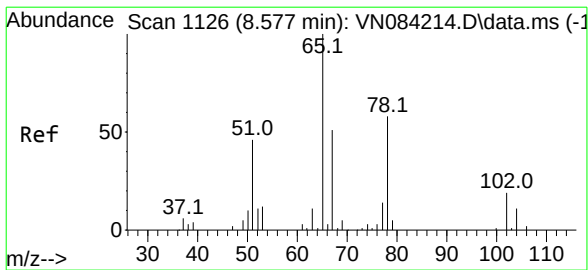
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#32
1,1,1-Trichloroethane
Concen: 17.942 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Tgt Ion:	97	Resp:	68007
Ion	Ratio	Lower	Upper
97	100		
99	61.3	51.2	76.8
61	46.0	37.5	56.3





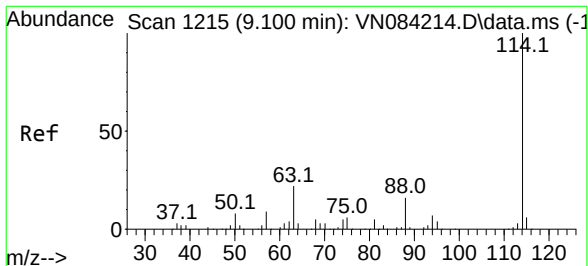
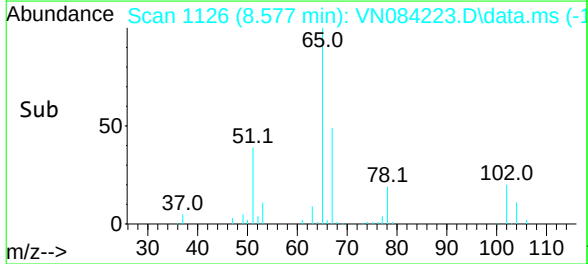
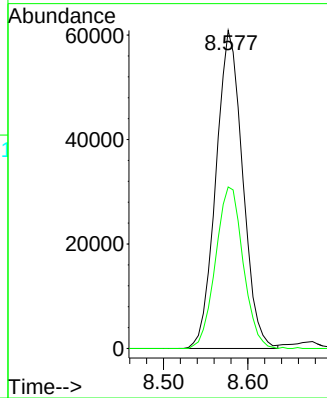
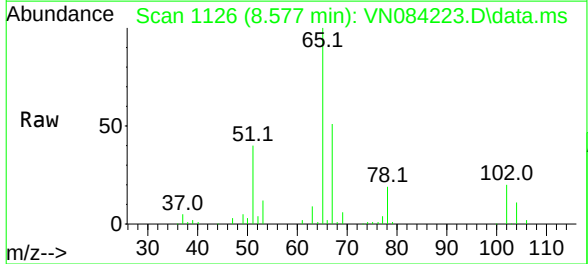
#33
1,2-Dichloroethane-d4
Concen: 50.283 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

Tgt Ion: 65 Resp: 133921
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.0

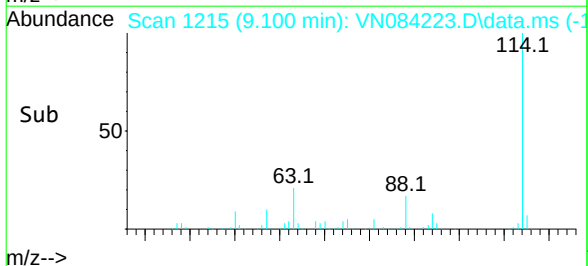
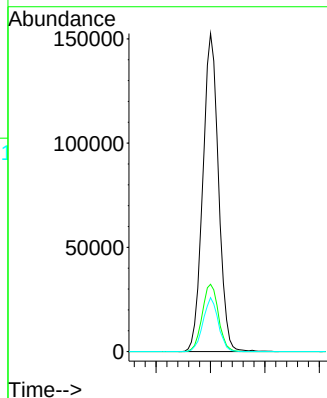
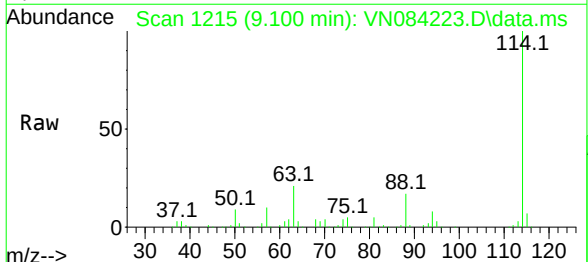
Manual Integrations
APPROVED

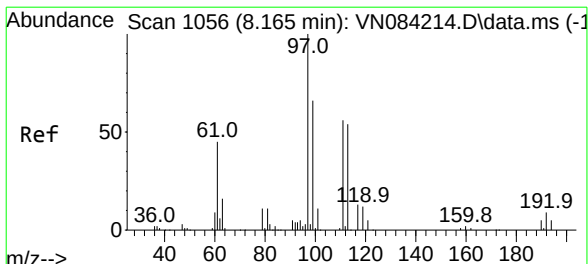
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Tgt Ion:114 Resp: 305301
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.8
88 17.0 0.0 31.6





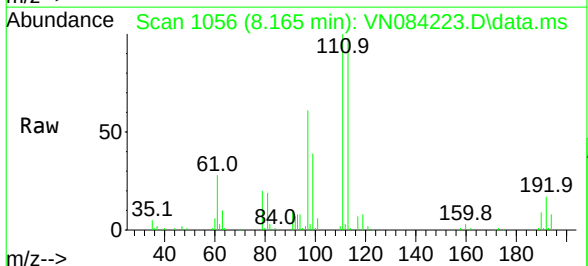
#35
 Dibromofluoromethane
 Concen: 50.870 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084223.D
 Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_N

ClientSampleId :

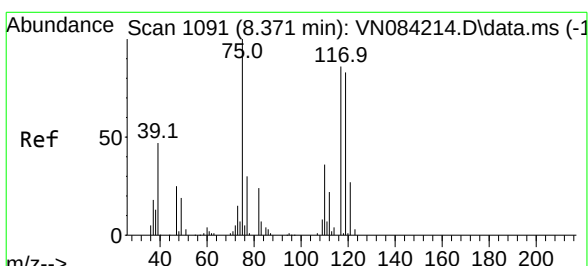
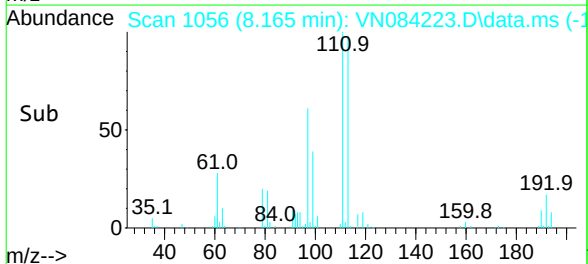
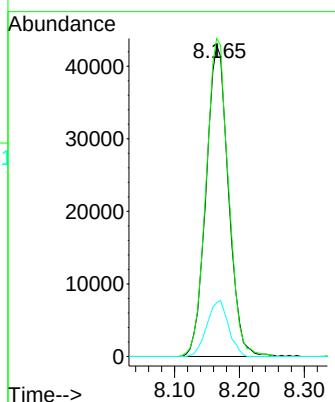
VN0930WBS01



Tgt Ion:	113	Resp:	102387
Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.3	124.9
192	17.3	13.5	20.3

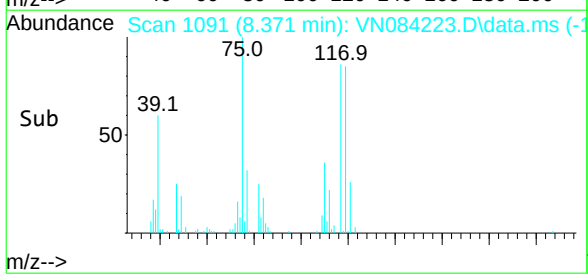
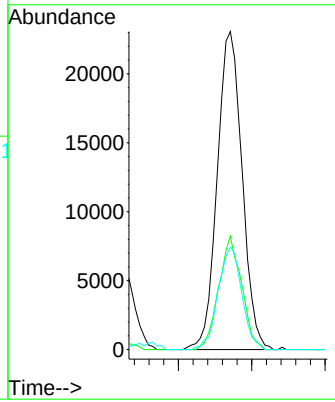
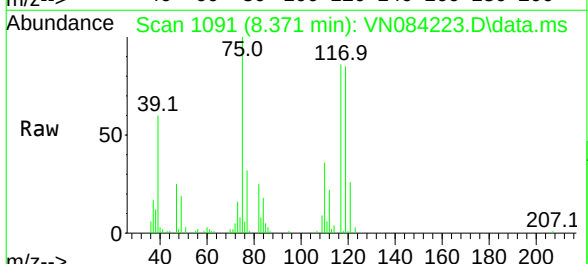
Manual Integrations
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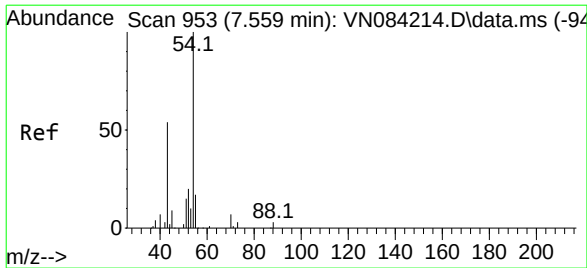
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#36
 1,1-Dichloropropene
 Concen: 18.593 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VN084223.D
 Acq: 30 Sep 2024 17:42

Tgt Ion:	75	Resp:	54357
Ion	Ratio	Lower	Upper
75	100		
110	32.7	16.9	50.7
77	30.7	24.7	37.1





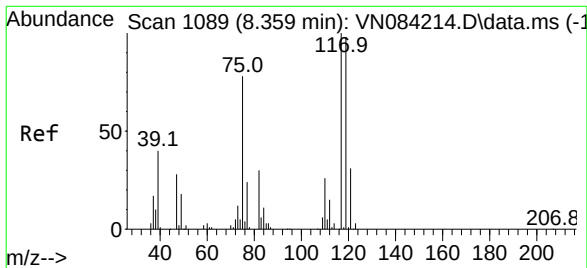
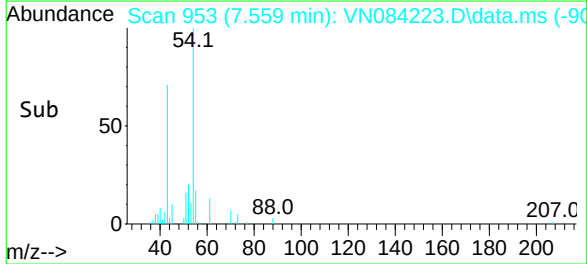
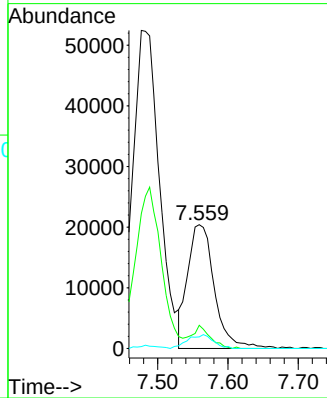
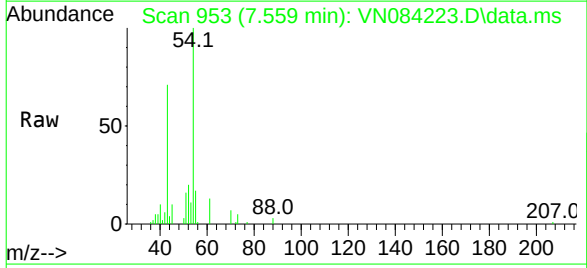
#37
Ethyl Acetate
Concen: 17.967 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

Tgt Ion: 43 Resp: 53896
Ion Ratio Lower Upper
43 100
61 11.8 10.7 16.1
70 10.7 8.8 13.2

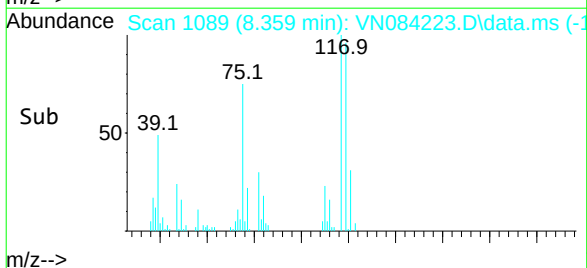
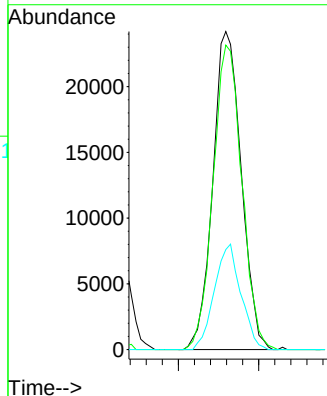
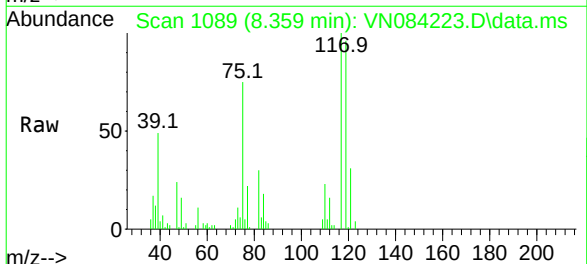
Manual Integrations
APPROVED

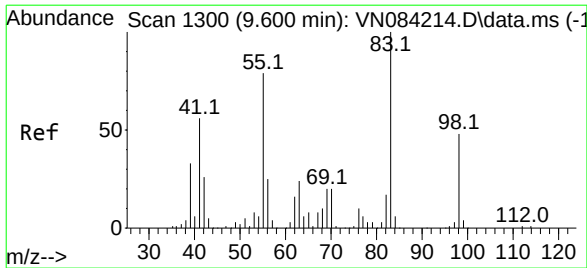
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#38
Carbon Tetrachloride
Concen: 18.537 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

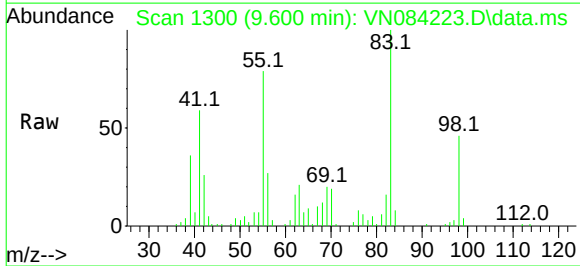
Tgt Ion:117 Resp: 59448
Ion Ratio Lower Upper
117 100
119 95.7 78.7 118.1
121 31.5 24.4 36.6





#39
Methylcyclohexane
Concen: 19.160 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

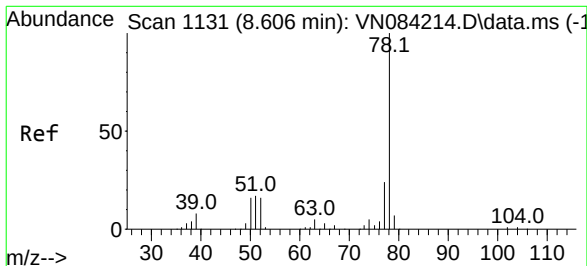
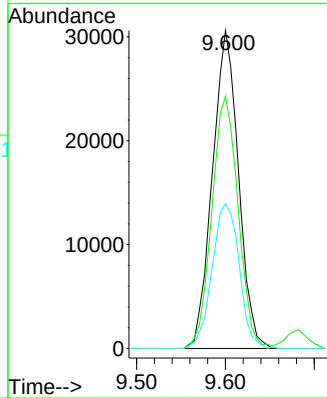
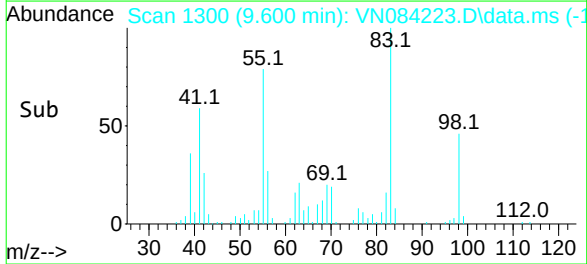
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



Tgt Ion: 83 Resp: 62343
Ion Ratio Lower Upper
83 100
55 79.3 62.8 94.2
98 45.6 38.8 58.2

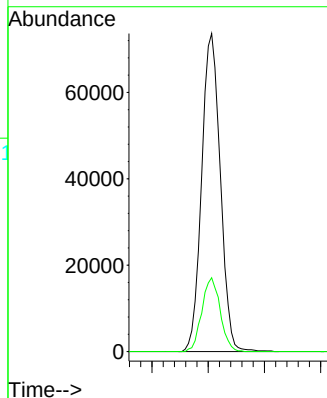
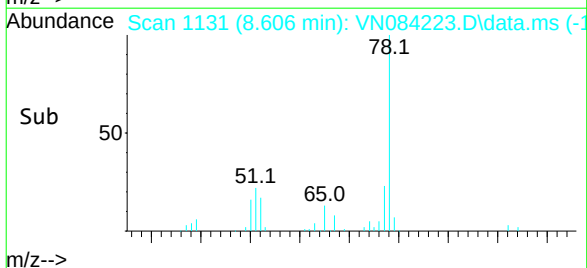
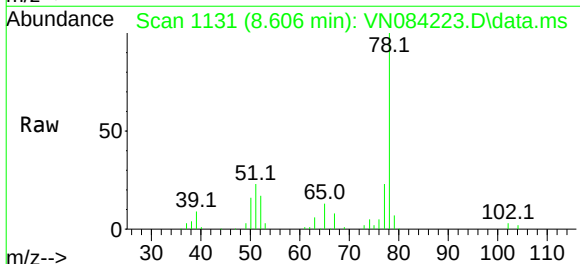
Manual Integrations
APPROVED

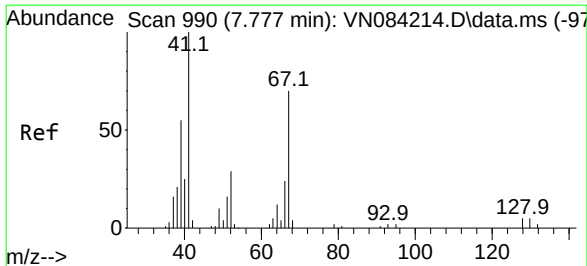
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#40
Benzene
Concen: 18.638 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Tgt Ion: 78 Resp: 169774
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7





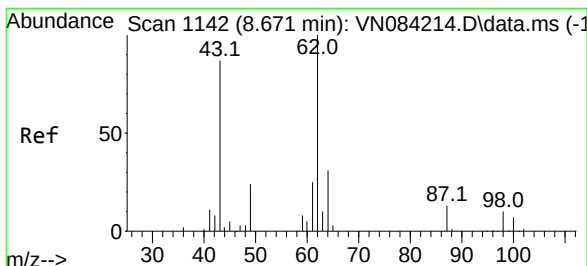
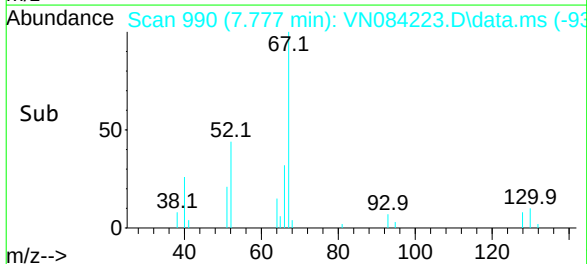
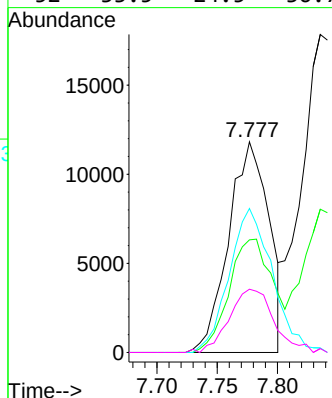
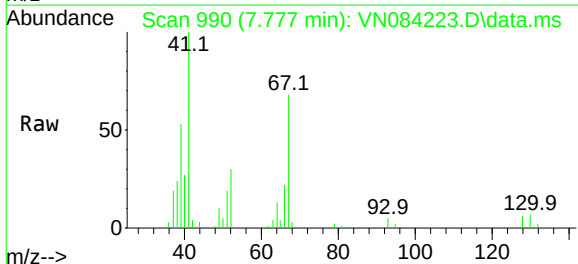
#41
Methacrylonitrile
Concen: 16.885 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

Tgt Ion:	41	Resp:	27494
Ion	Ratio	Lower	Upper
41	100		
39	59.0	43.3	64.9
67	73.2	56.1	84.1
52	33.5	24.5	36.7

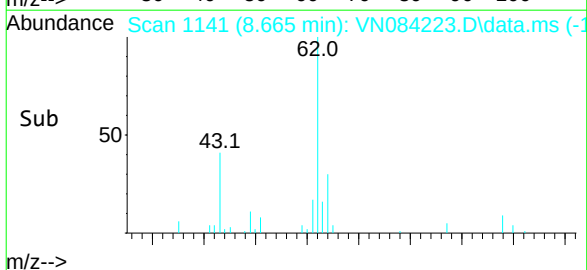
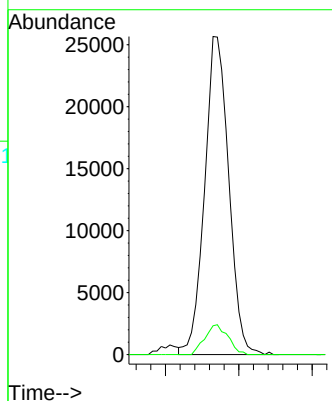
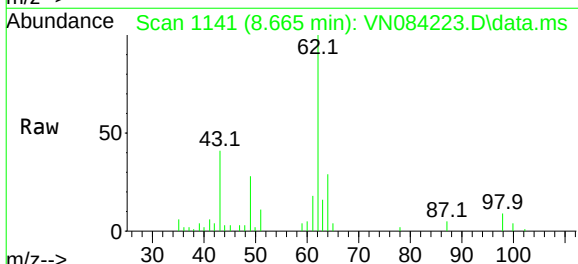
Manual Integrations
APPROVED

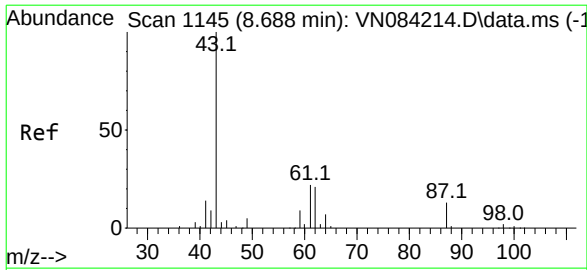
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#42
1,2-Dichloroethane
Concen: 19.007 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Tgt Ion:	62	Resp:	58695
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.2





#43

Isopropyl Acetate

Concen: 16.048 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

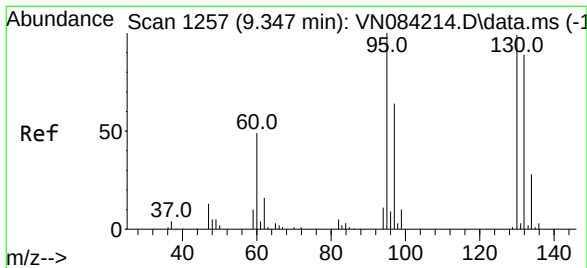
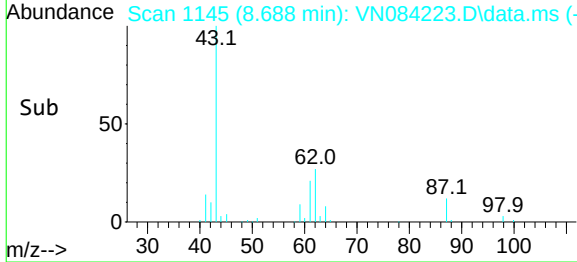
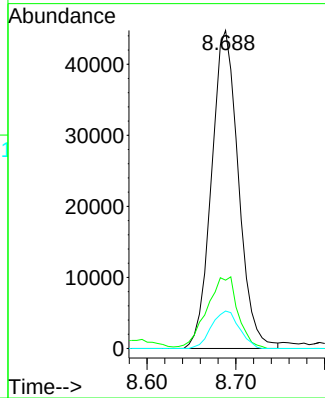
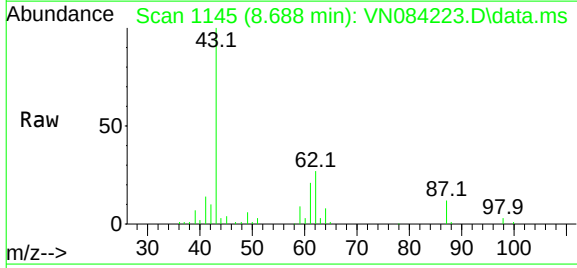
Tgt Ion:	43	Resp:	94280
Ion	Ratio	Lower	Upper
43	100		
61	26.0	20.4	30.6
87	12.2	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#44

Trichloroethene

Concen: 18.476 ug/l

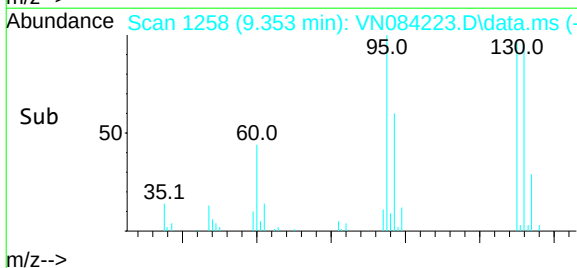
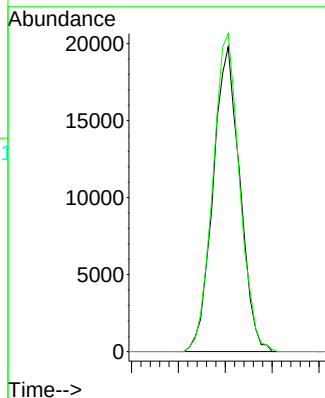
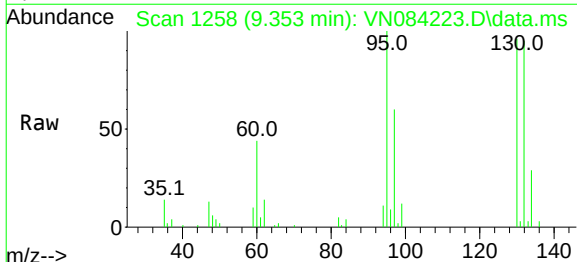
RT: 9.353 min Scan# 1258

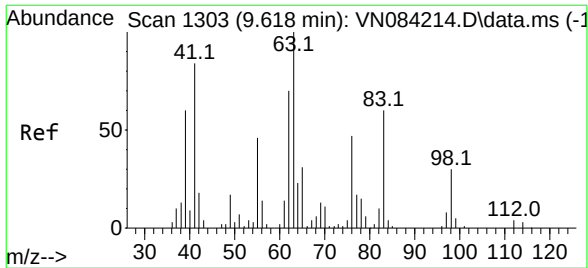
Delta R.T. 0.006 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

Tgt Ion:	130	Resp:	39307
Ion	Ratio	Lower	Upper
130	100		
95	104.3	0.0	203.0





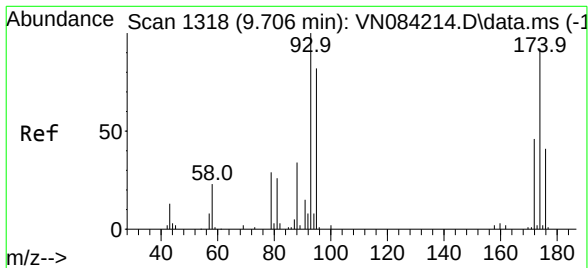
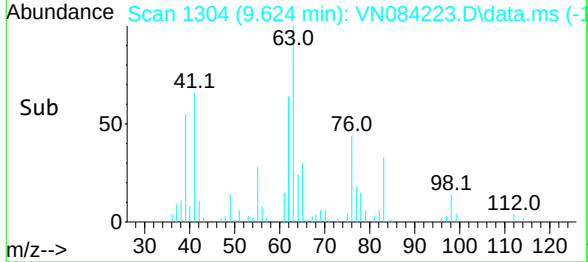
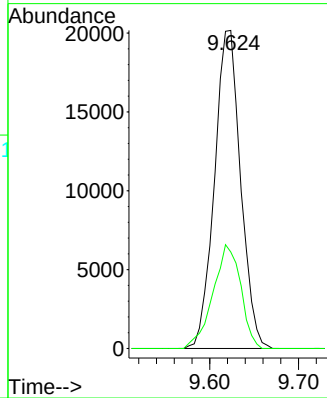
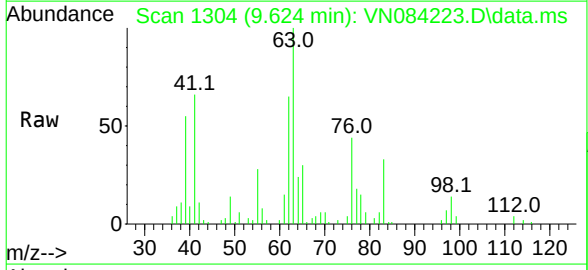
#45
1,2-Dichloropropane
Concen: 19.147 ug/l
RT: 9.624 min Scan# 1303
Delta R.T. 0.006 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

Tgt Ion: 63 Resp: 41258
Ion Ratio Lower Upper
63 100
65 30.3 24.6 37.0

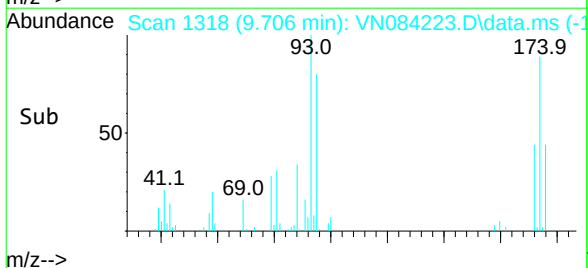
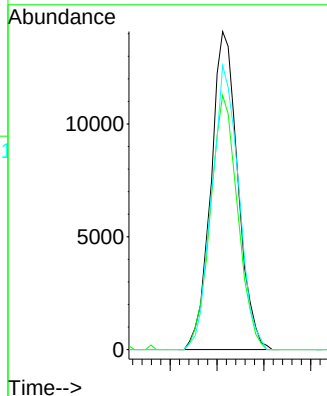
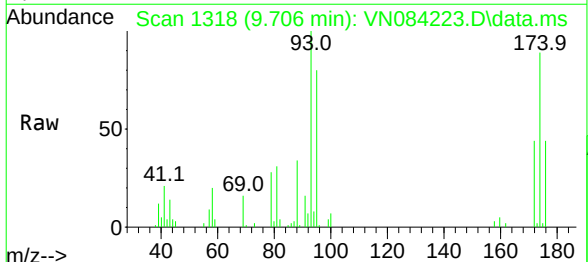
Manual Integrations
APPROVED

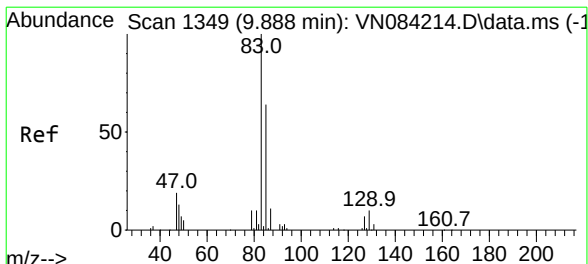
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#46
Dibromomethane
Concen: 19.324 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Tgt Ion: 93 Resp: 28100
Ion Ratio Lower Upper
93 100
95 81.0 65.0 97.4
174 89.6 71.8 107.8



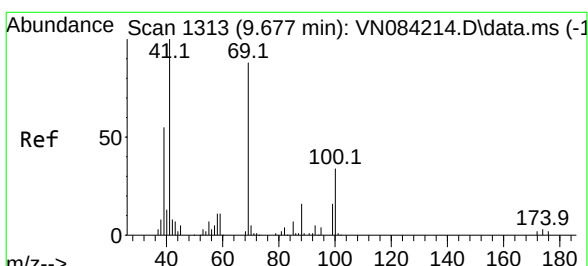
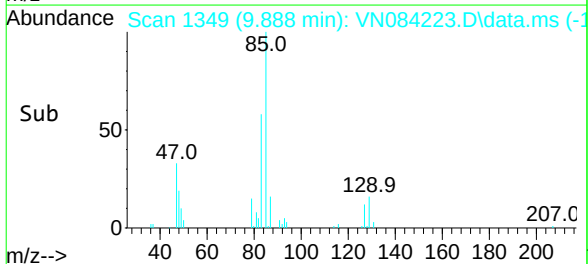
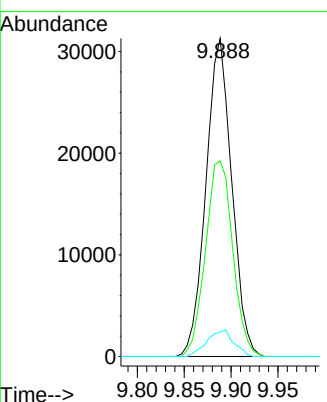
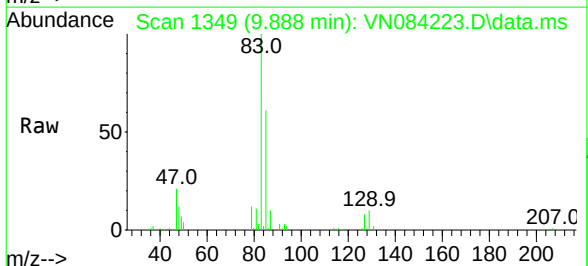


#47
 Bromodichloromethane
 Concen: 18.539 ug/l
 RT: 9.888 min Scan# 1314
 Delta R.T. 0.000 min
 Lab File: VN084223.D
 Acq: 30 Sep 2024 17:42

Instrument : MSVOA_N
 ClientSampleId : VN0930WBS01

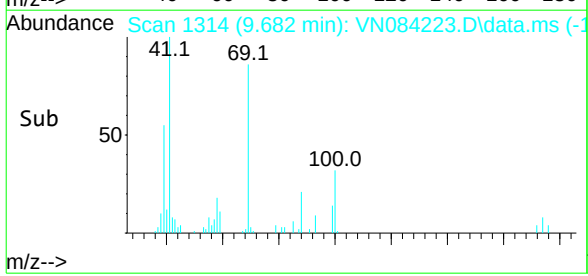
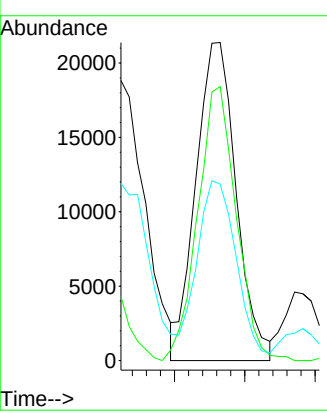
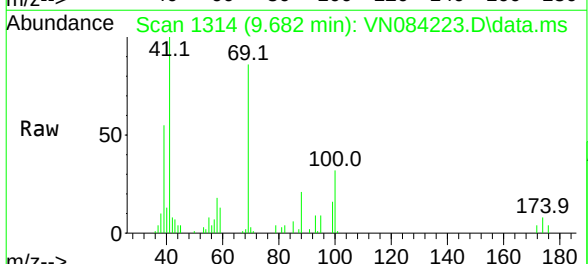
Tgt Ion:	83	Resp:	59893
Ion	Ratio	Lower	Upper
83	100		
85	61.5	51.5	77.3
127	7.6	5.7	8.5

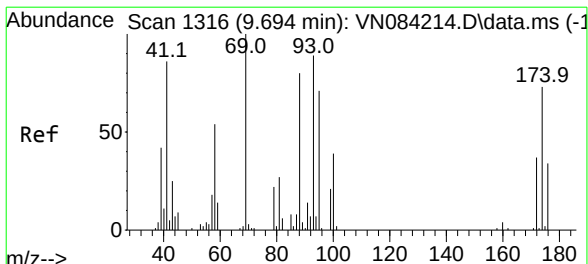
Manual Integrations
APPROVED
 Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#48
 Methyl methacrylate
 Concen: 18.206 ug/l
 RT: 9.682 min Scan# 1314
 Delta R.T. 0.006 min
 Lab File: VN084223.D
 Acq: 30 Sep 2024 17:42

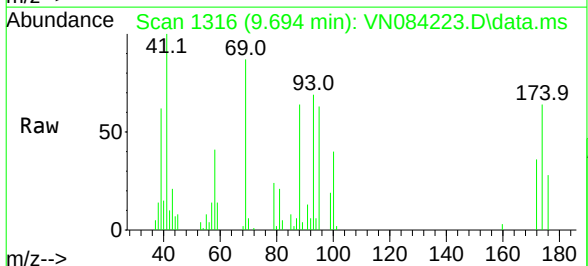
Tgt Ion:	41	Resp:	42576
Ion	Ratio	Lower	Upper
41	100		
69	82.0	67.1	100.7
39	55.1	45.8	68.6





#49
 1,4-Dioxane
 Concen: 323.362 ug/l
 RT: 9.694 min Scan# 1316
 Delta R.T. 0.000 min
 Lab File: VN084223.D
 Acq: 30 Sep 2024 17:42

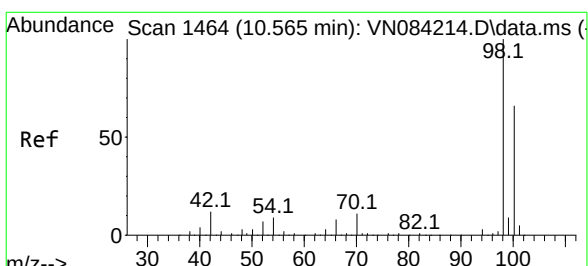
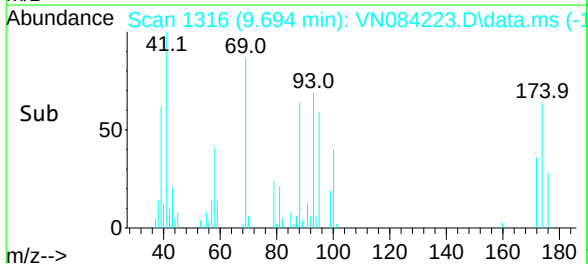
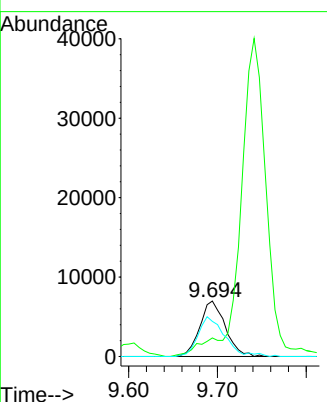
Instrument : MSVOA_N
 ClientSampleId : VN0930WBS01



Tgt Ion: 88 Resp: 13922

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.3	37.9
58	75.6	56.4	84.6

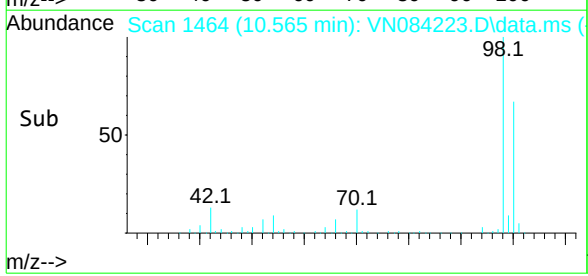
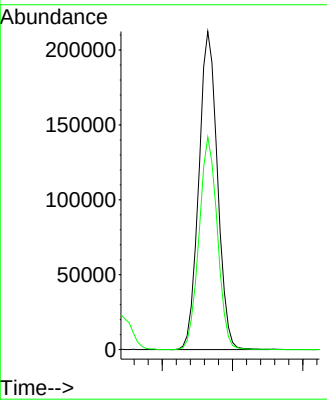
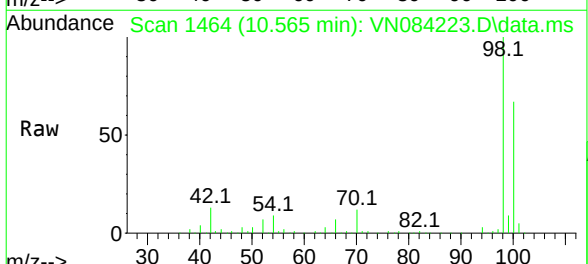
Manual Integrations
APPROVED
 Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024

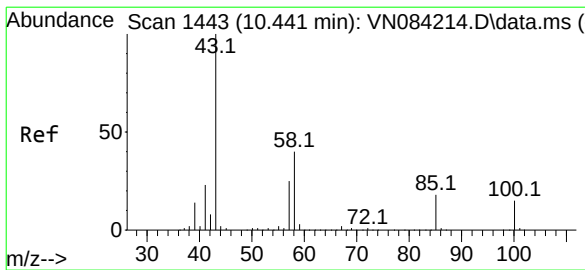


#50
 Toluene-d8
 Concen: 52.772 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. 0.000 min
 Lab File: VN084223.D
 Acq: 30 Sep 2024 17:42

Tgt Ion: 98 Resp: 390781

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.7	79.1





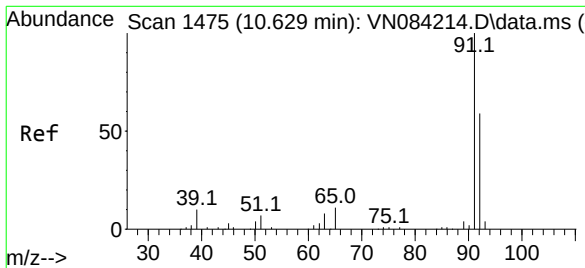
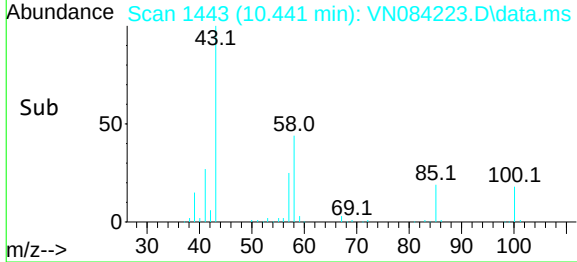
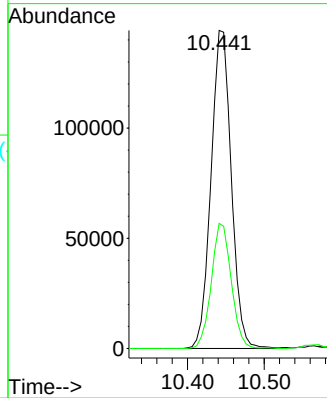
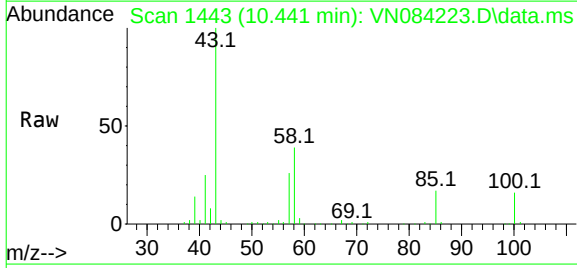
#51
4-Methyl-2-Pentanone
Concen: 92.819 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

Tgt Ion: 43 Resp: 265020
Ion Ratio Lower Upper
43 100
58 38.5 31.6 47.4

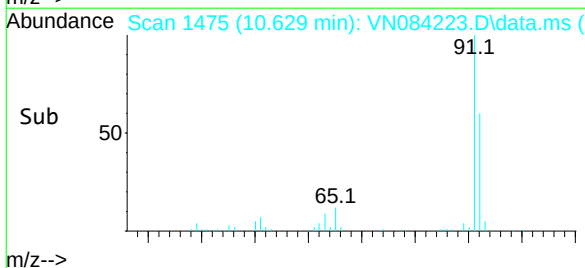
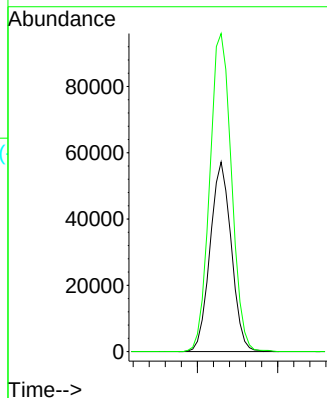
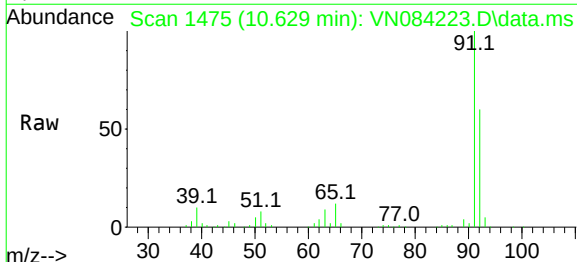
Manual Integrations
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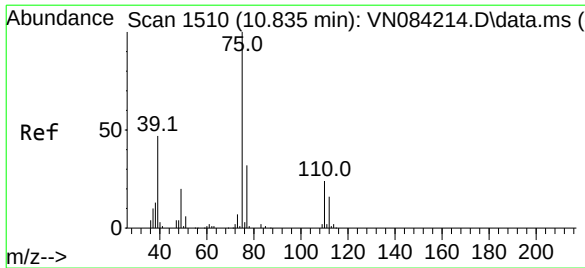
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#52
Toluene
Concen: 18.847 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Tgt Ion: 92 Resp: 104690
Ion Ratio Lower Upper
92 100
91 172.5 137.3 205.9





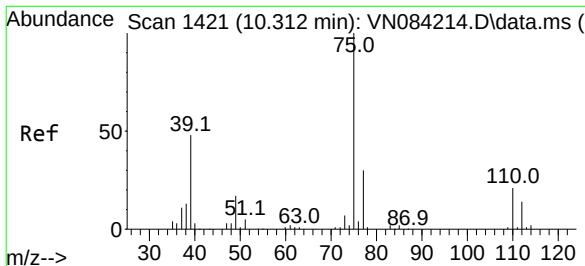
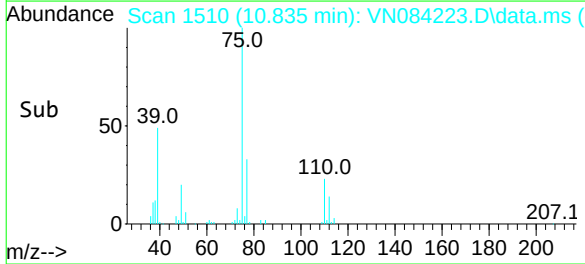
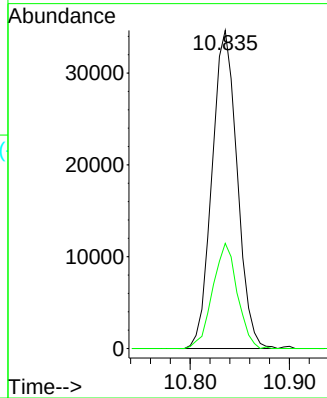
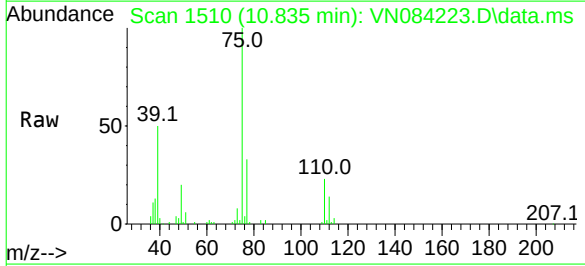
#53
t-1,3-Dichloropropene
Concen: 18.533 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

Tgt Ion: 75 Resp: 61031
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.0

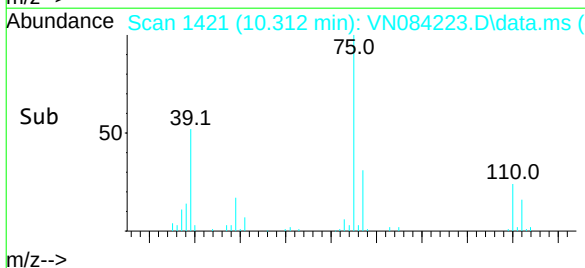
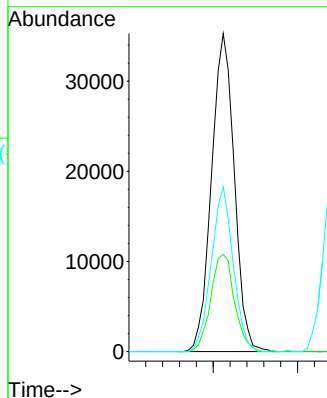
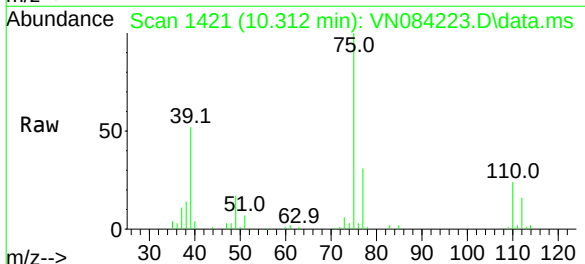
Manual Integrations
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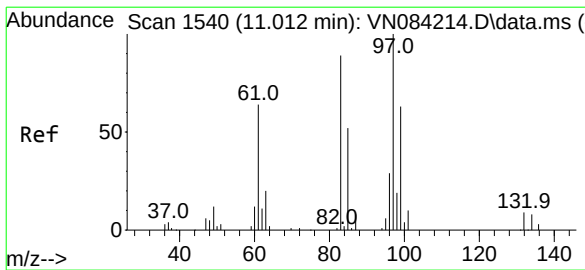
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#54
cis-1,3-Dichloropropene
Concen: 18.690 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Tgt Ion: 75 Resp: 66204
Ion Ratio Lower Upper
75 100
77 30.6 24.2 36.2
39 51.8 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 19.126 ug/l

RT: 11.018 min Scan# 1540

Delta R.T. 0.006 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

Tgt Ion: 97 Resp: 38084

Ion Ratio Lower Upper

97 100

83 80.7 71.0 106.4

85 55.8 41.7 62.5

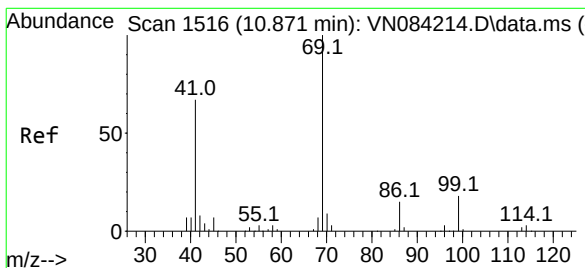
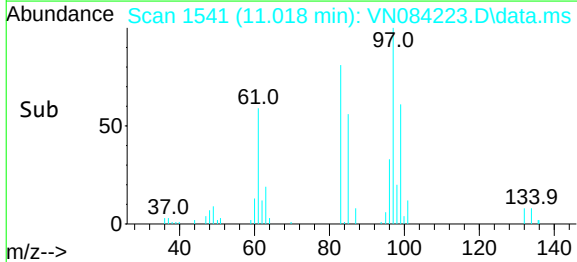
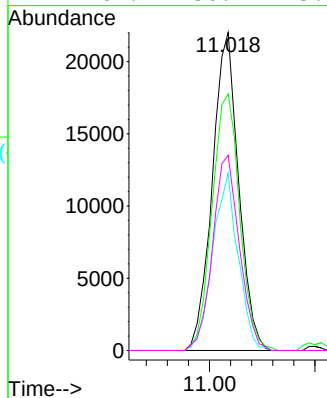
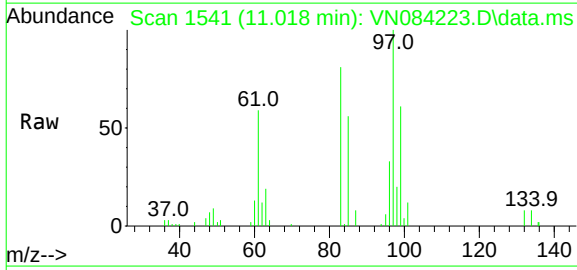
99 61.4 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#56

Ethyl methacrylate

Concen: 18.388 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

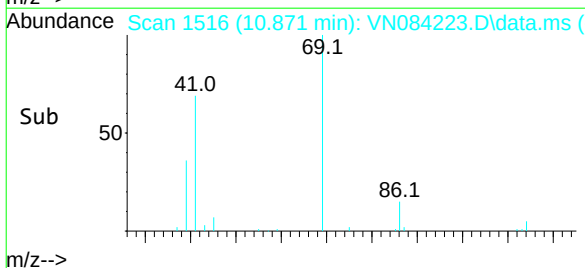
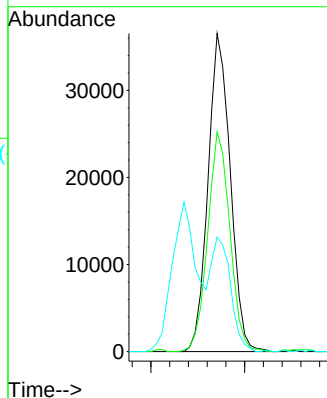
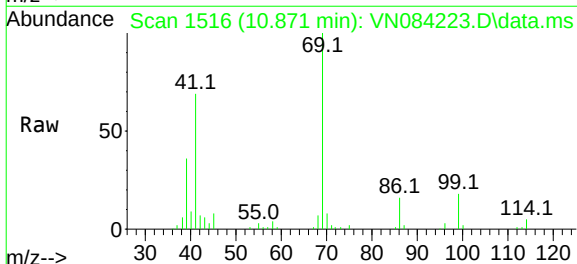
Tgt Ion: 69 Resp: 60249

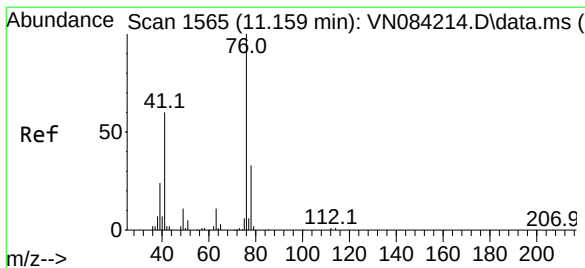
Ion Ratio Lower Upper

69 100

41 68.9 53.3 79.9

39 31.5 28.8 43.2





#57

1,3-Dichloropropane

Concen: 18.366 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

Tgt Ion: 76 Resp: 65348

Ion Ratio Lower Upper

76 100

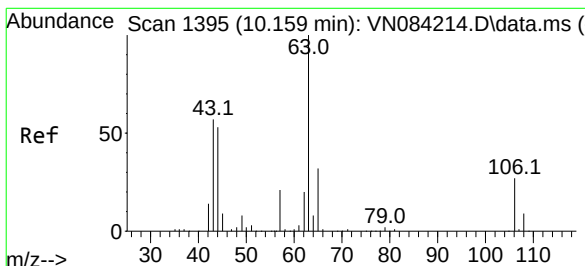
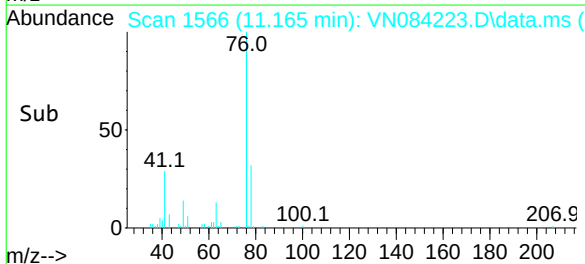
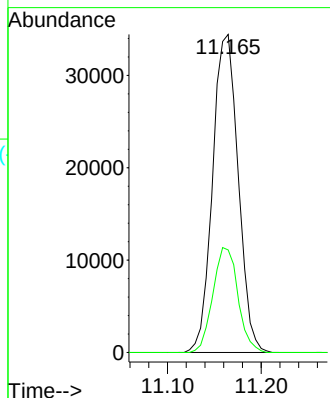
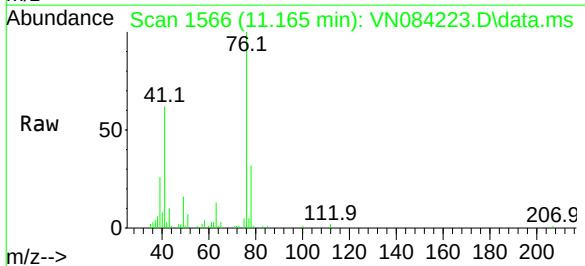
78 32.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#58

2-Chloroethyl Vinyl ether

Concen: 85.249 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN084223.D

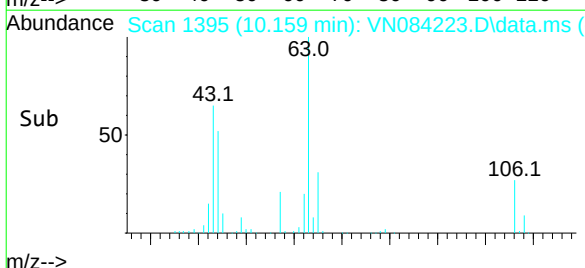
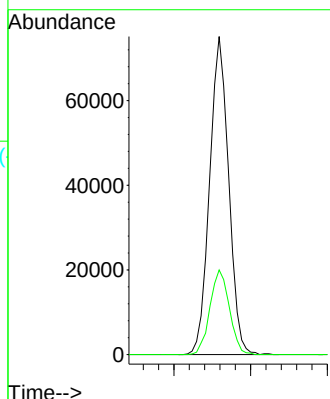
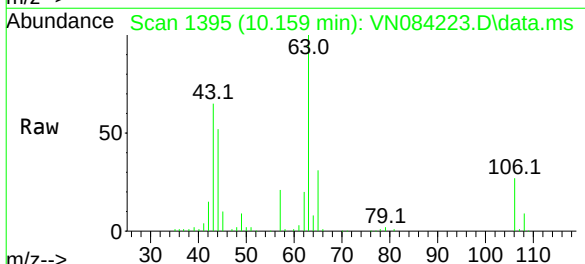
Acq: 30 Sep 2024 17:42

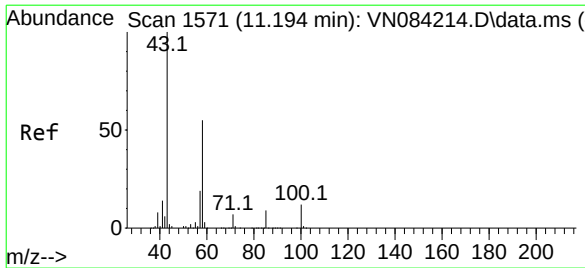
Tgt Ion: 63 Resp: 129575

Ion Ratio Lower Upper

63 100

106 27.1 21.8 32.6





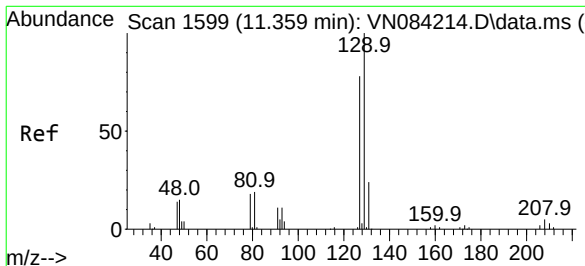
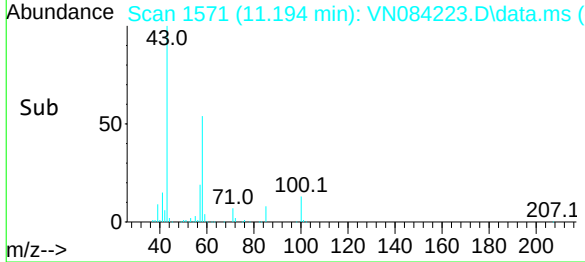
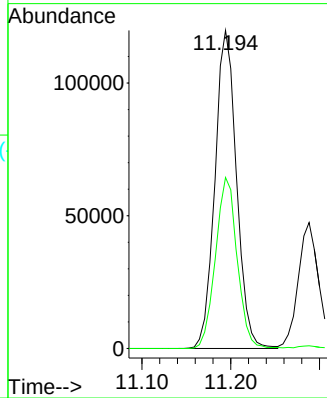
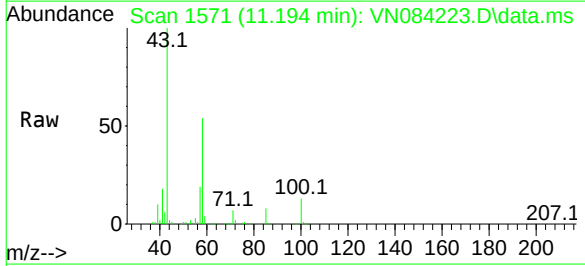
#59
2-Hexanone
Concen: 94.788 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

Tgt Ion: 43 Resp: 202282
Ion Ratio Lower Upper
43 100
58 53.9 27.3 81.8

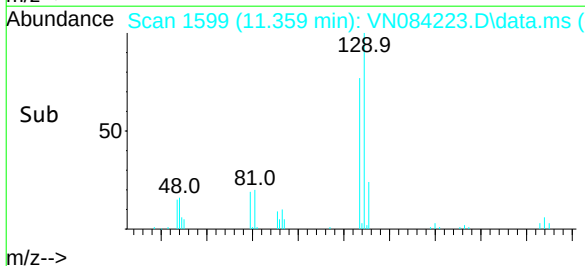
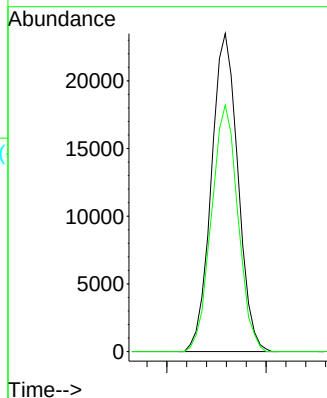
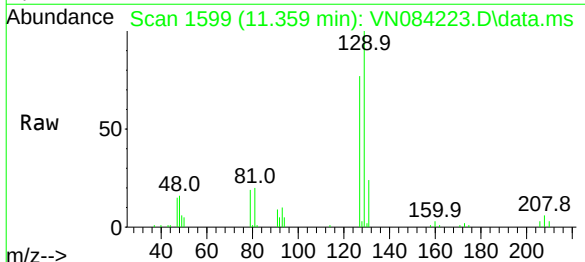
Manual Integrations
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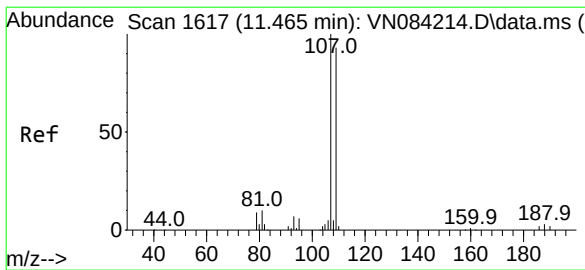
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#60
Dibromochloromethane
Concen: 18.595 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Tgt Ion:129 Resp: 43749
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.9





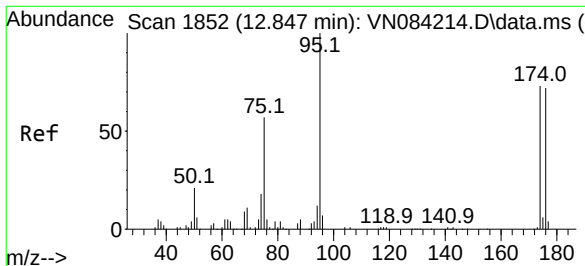
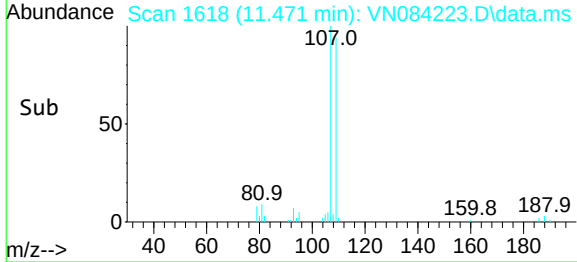
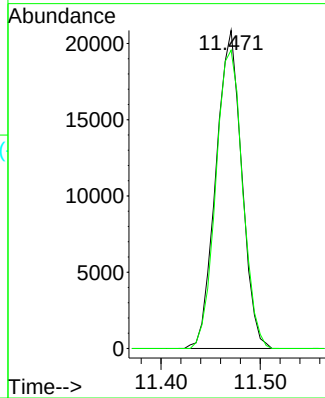
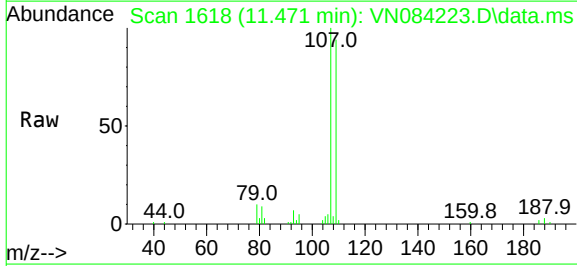
#61
1,2-Dibromoethane
Concen: 18.203 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

Tgt Ion: 107 Resp: 37663
Ion Ratio Lower Upper
107 100
109 97.4 75.4 113.0

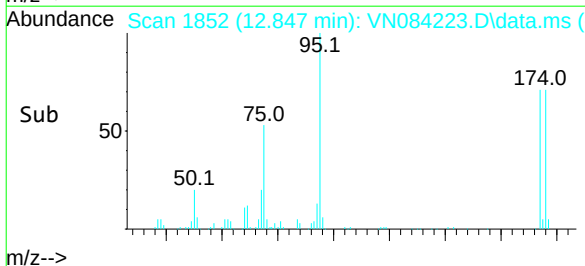
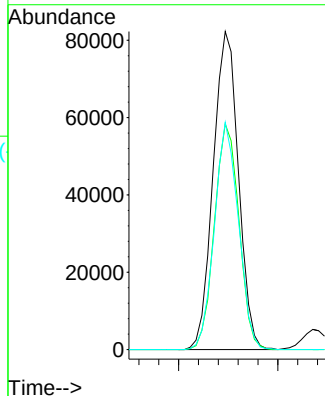
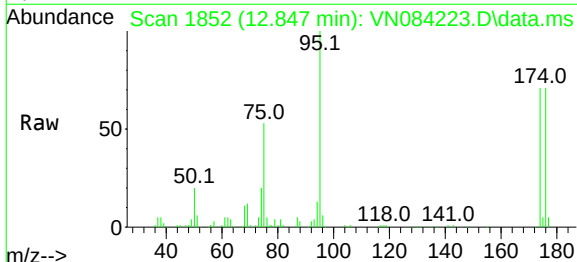
Manual Integrations
APPROVED

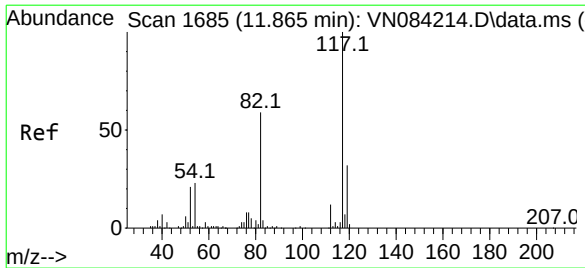
Reviewed By : John Carlone 10/01/2024
Supervised By : Mahesh Dadoda 10/01/2024



#62
4-Bromofluorobenzene
Concen: 53.830 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Tgt Ion: 95 Resp: 145218
Ion Ratio Lower Upper
95 100
174 68.9 0.0 145.2
176 68.0 0.0 140.0





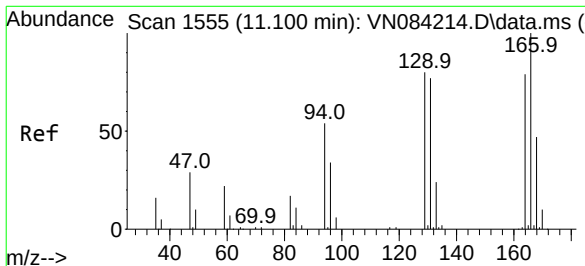
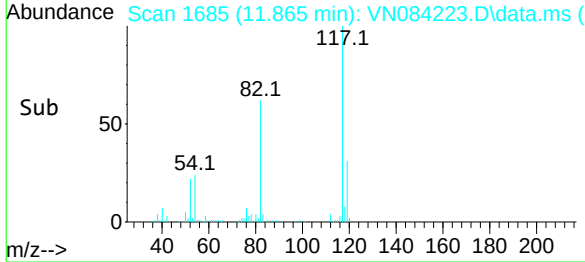
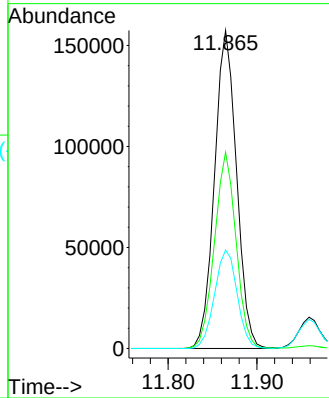
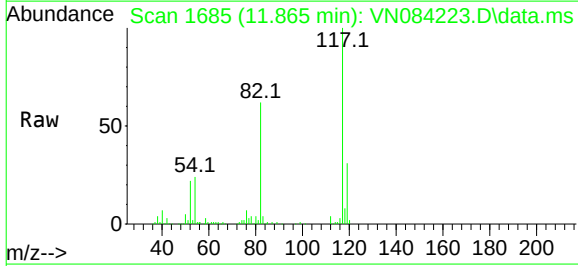
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

Tgt Ion:117 Resp: 271282
Ion Ratio Lower Upper
117 100
82 61.7 47.2 70.8
119 30.9 25.4 38.0

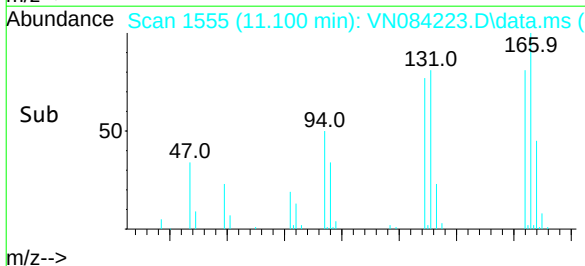
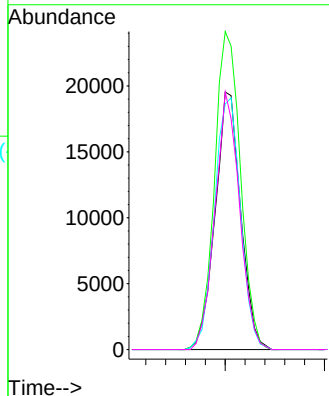
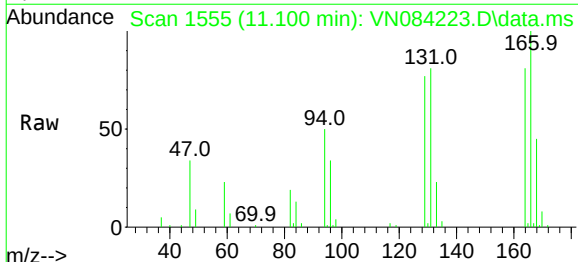
Manual Integrations
APPROVED

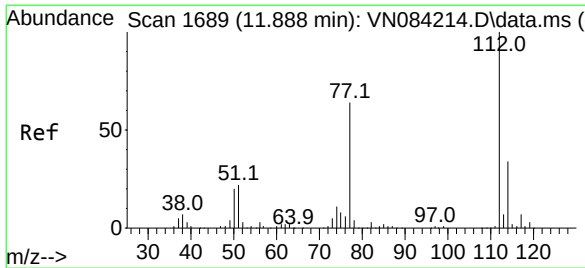
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#64
Tetrachloroethene
Concen: 18.444 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Tgt Ion:164 Resp: 34850
Ion Ratio Lower Upper
164 100
166 123.5 101.0 151.4
129 95.4 80.8 121.2
131 100.0 78.1 117.1





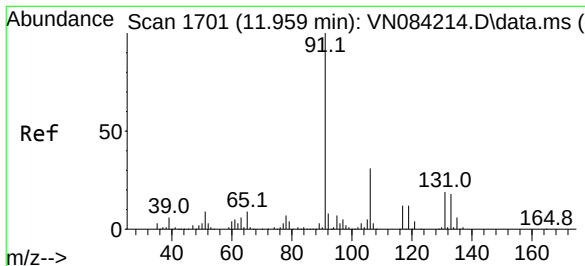
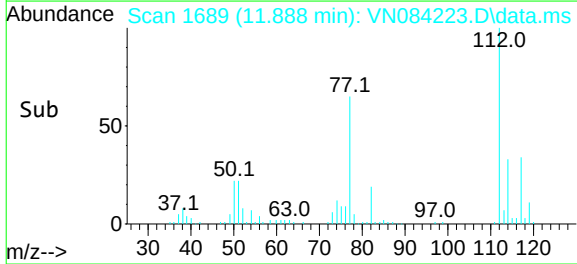
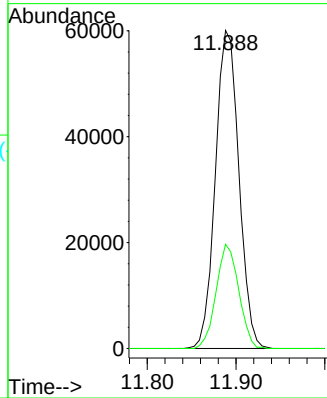
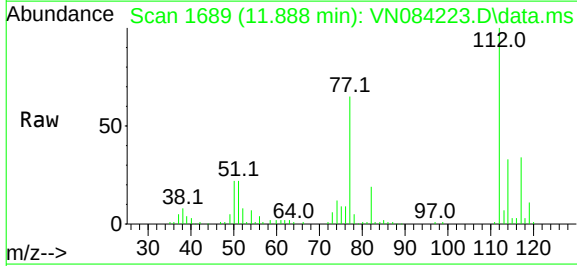
#65
Chlorobenzene
Concen: 18.364 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

Tgt Ion:112 Resp: 110459
Ion Ratio Lower Upper
112 100
114 32.8 27.0 40.6

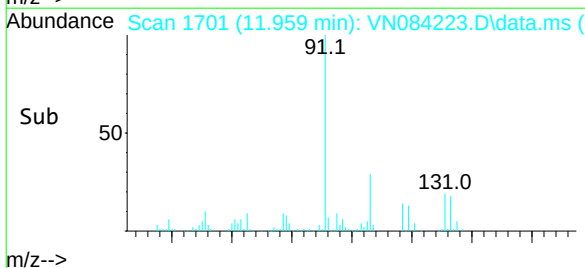
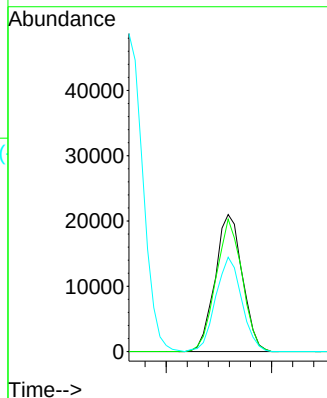
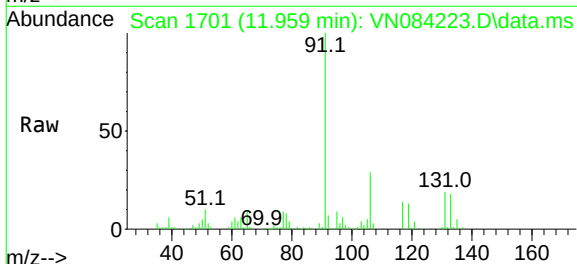
Manual Integrations
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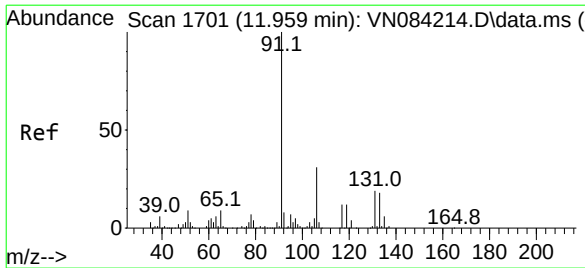
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.243 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Tgt Ion:131 Resp: 37795
Ion Ratio Lower Upper
131 100
133 92.8 47.9 143.7
119 65.9 32.8 98.3





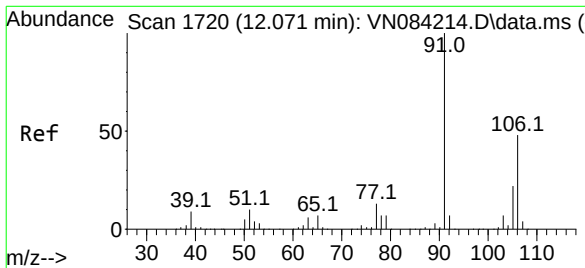
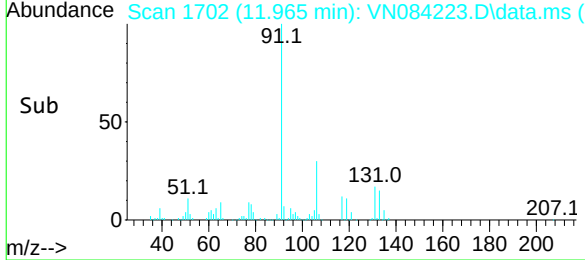
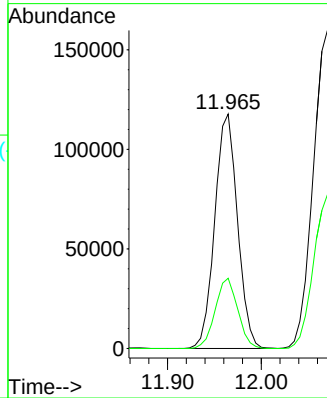
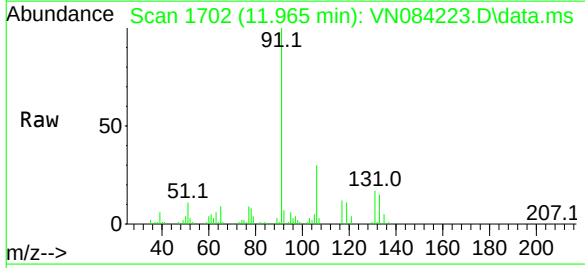
#67
Ethyl Benzene
Concen: 18.638 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

Tgt Ion: 91 Resp: 198257
Ion Ratio Lower Upper
91 100
106 29.9 24.5 36.7

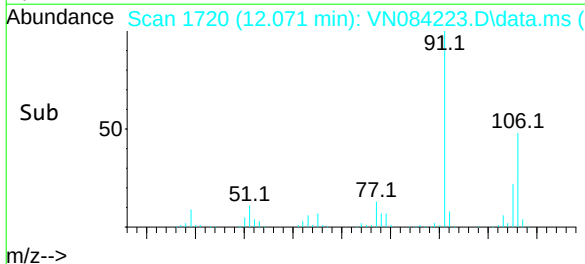
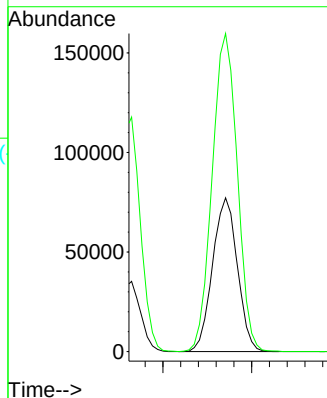
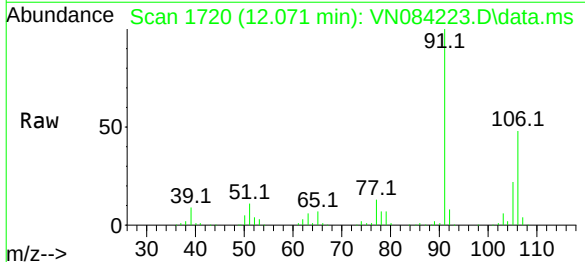
Manual Integrations
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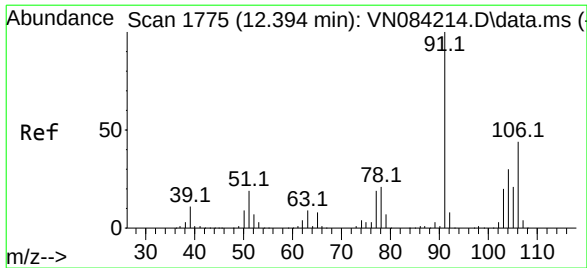
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#68
m/p-Xylenes
Concen: 38.090 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Tgt Ion:106 Resp: 149877
Ion Ratio Lower Upper
106 100
91 209.3 167.1 250.7





#69

o-Xylene

Concen: 18.855 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

Tgt Ion:106 Resp: 70192

Ion Ratio Lower Upper

106 100

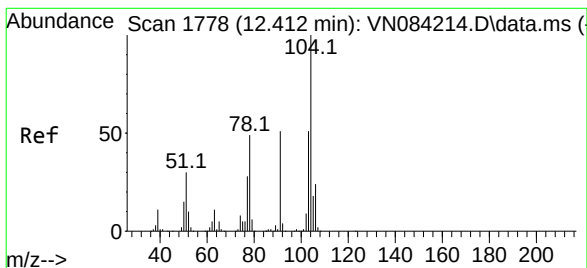
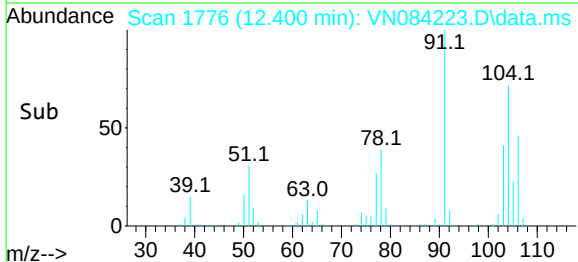
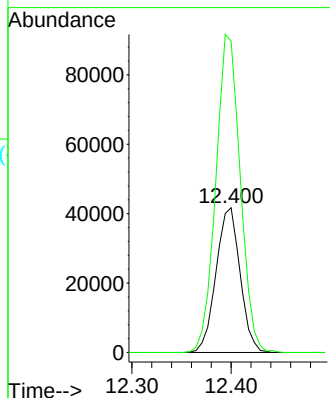
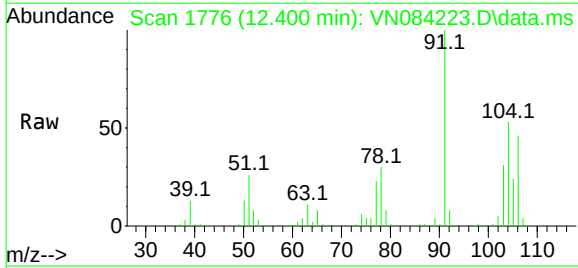
91 223.4 110.2 330.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#70

Styrene

Concen: 19.105 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

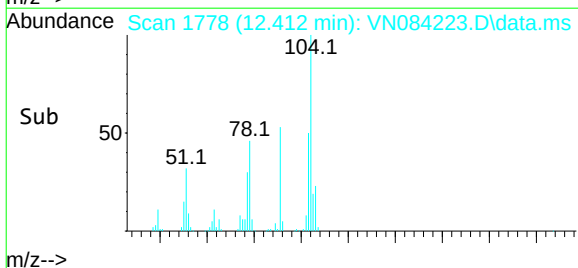
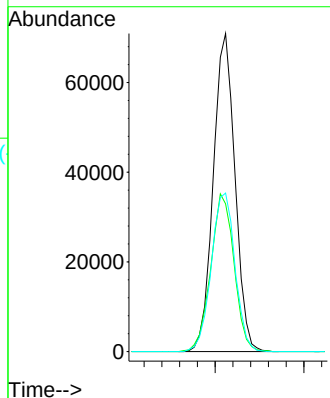
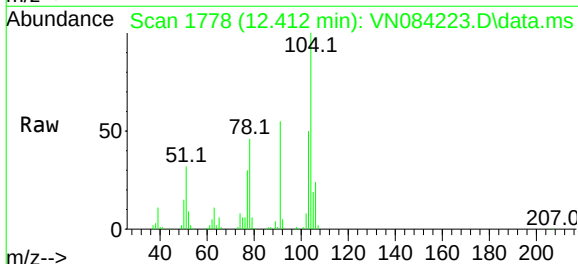
Tgt Ion:104 Resp: 120473

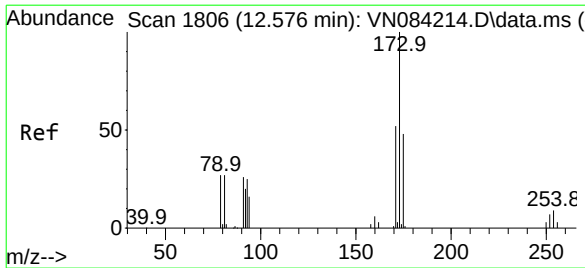
Ion Ratio Lower Upper

104 100

78 53.2 42.7 64.1

103 54.3 43.6 65.4





#71

Bromoform

Concen: 18.209 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

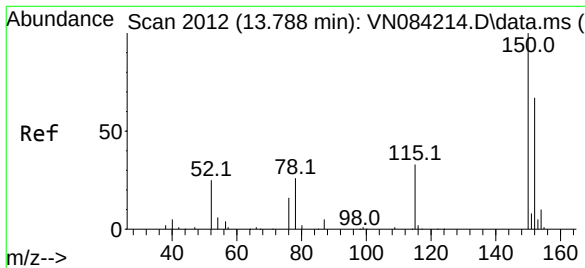
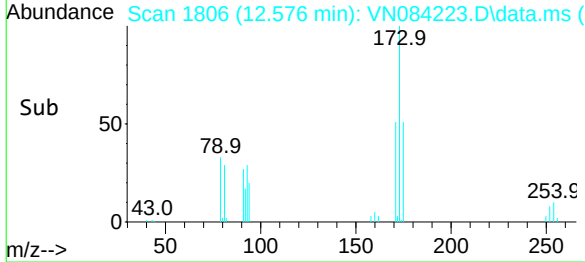
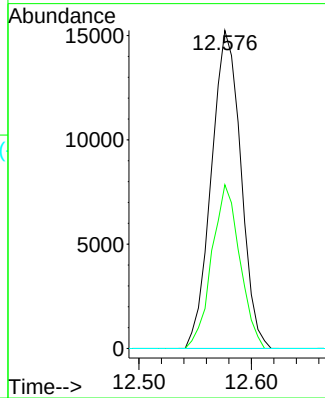
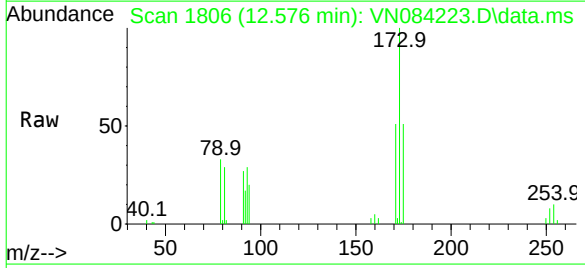
Tgt Ion:	173	Resp:	27774
Ion Ratio	Lower	Upper	
173	100		
175	49.0	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

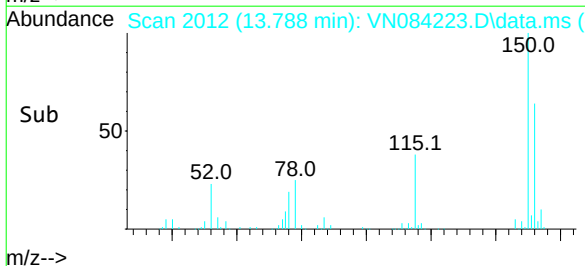
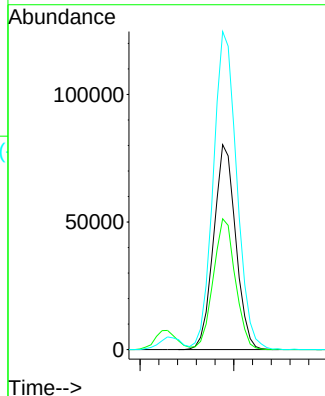
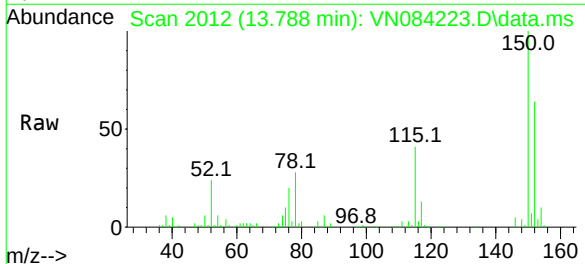
RT: 13.788 min Scan# 2012

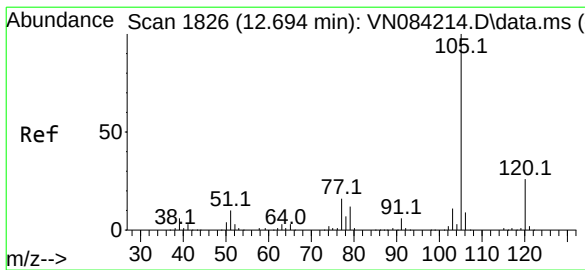
Delta R.T. 0.000 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

Tgt Ion:	152	Resp:	131278
Ion Ratio	Lower	Upper	
152	100		
115	64.0	31.3	93.9
150	165.6	0.0	349.8





#73

Isopropylbenzene

Concen: 18.267 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

Tgt Ion: 105 Resp: 182992

Ion Ratio Lower Upper

105 100

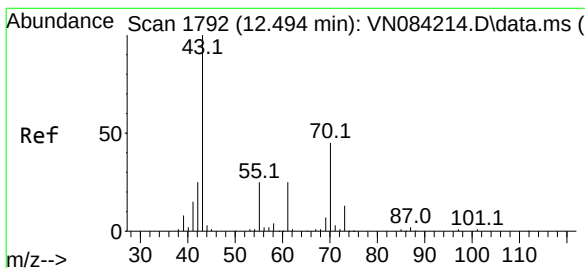
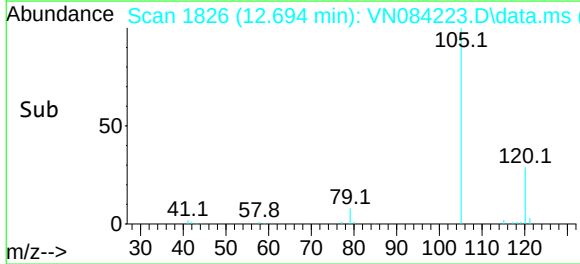
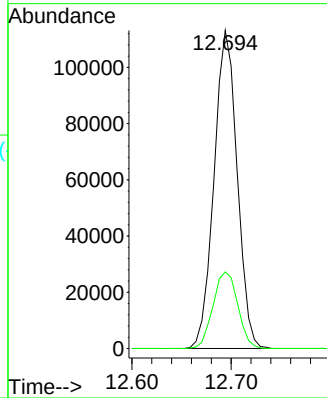
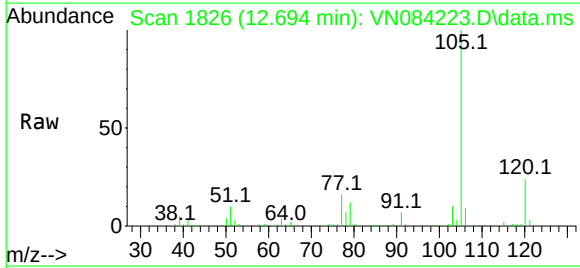
120 25.7 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#74

N-ethyl acetate

Concen: 17.597 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

Tgt Ion: 43 Resp: 79826

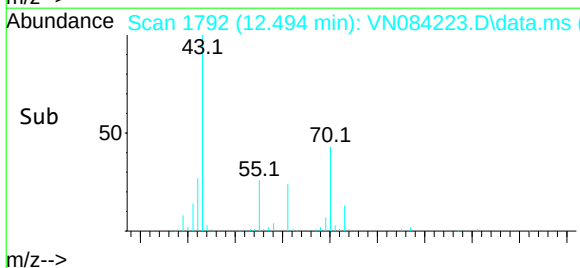
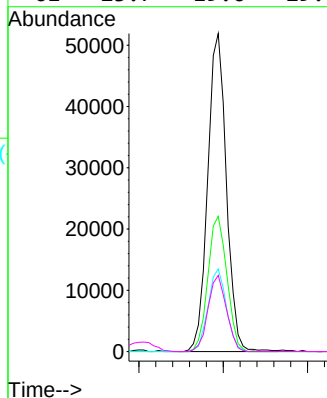
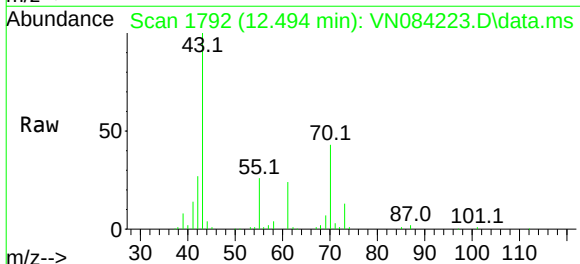
Ion Ratio Lower Upper

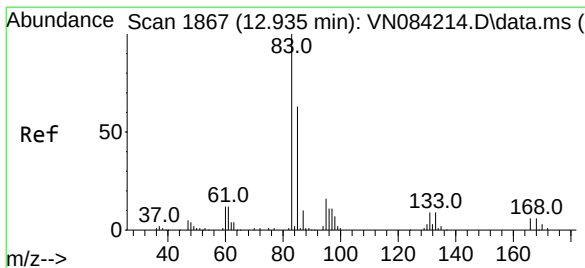
43 100

70 43.4 34.4 51.6

55 25.6 19.6 29.4

61 23.7 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 17.382 ug/l

RT: 12.935 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

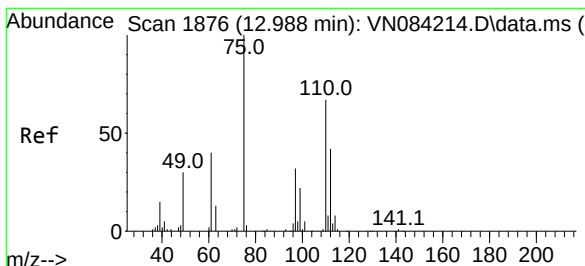
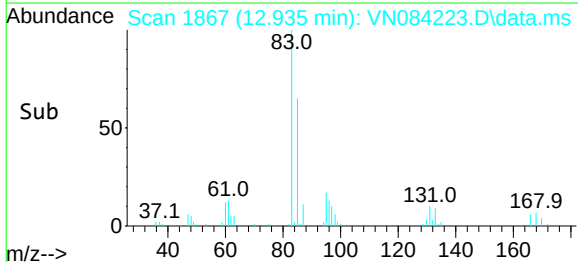
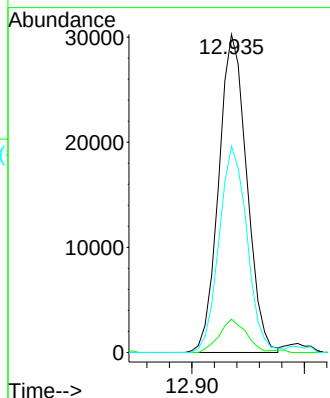
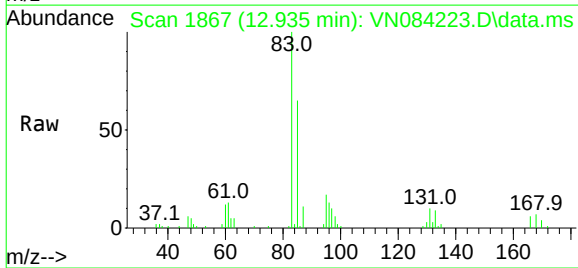
Tgt Ion:	83	Resp:	52359
Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.7
85	64.7	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#76

1,2,3-Trichloropropane

Concen: 16.738 ug/l m

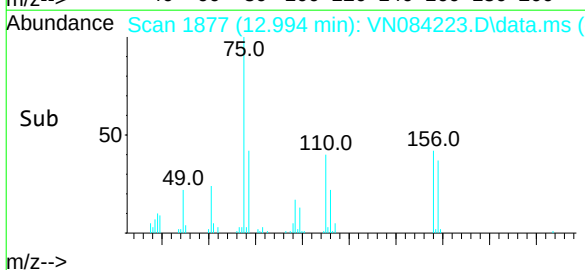
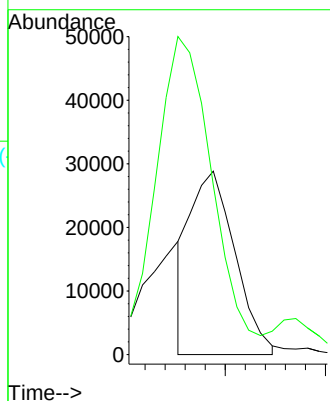
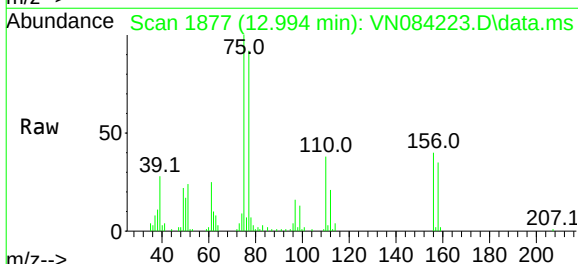
RT: 12.994 min Scan# 1877

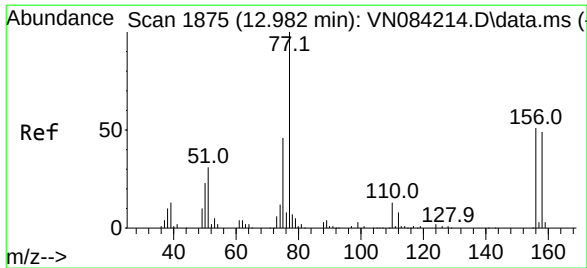
Delta R.T. 0.006 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

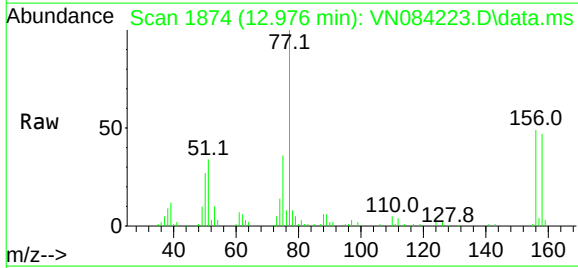
Tgt Ion:	75	Resp:	44859
Ion	Ratio	Lower	Upper
75	100		
77	221.1	96.9	290.7





#77
Bromobenzene
Concen: 18.024 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

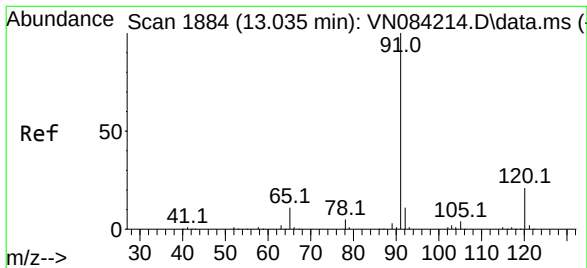
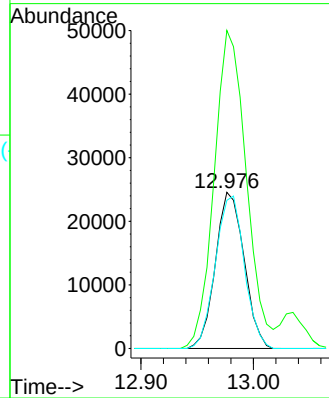
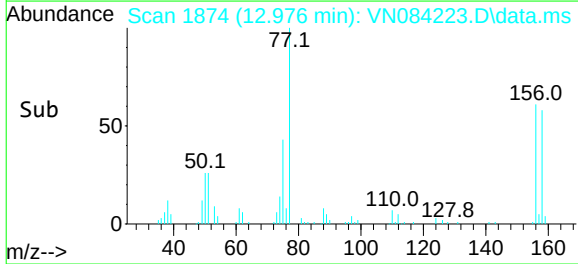
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



Tgt Ion: 156 Resp: 43554
Ion Ratio Lower Upper
156 100
77 227.7 115.1 345.3
158 98.5 48.9 146.8

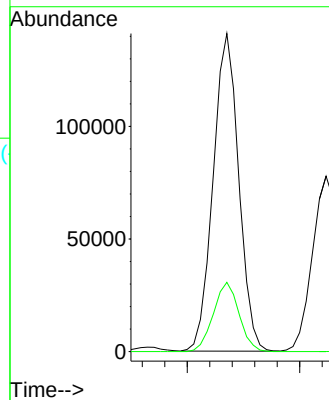
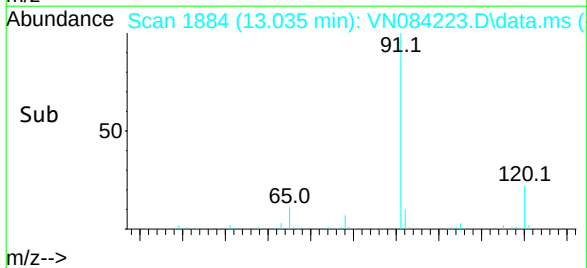
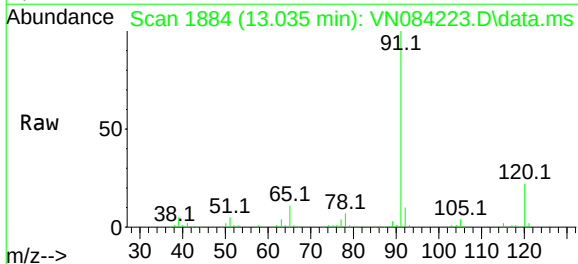
Manual Integrations
APPROVED

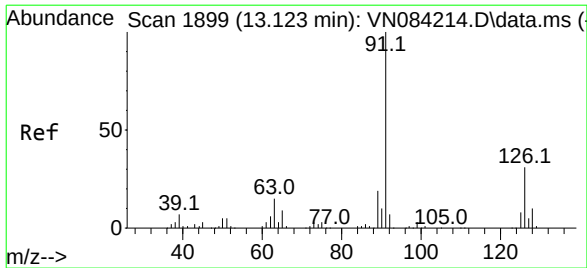
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#78
n-propylbenzene
Concen: 19.199 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Tgt Ion: 91 Resp: 222835
Ion Ratio Lower Upper
91 100
120 21.9 10.8 32.4





#79

2-Chlorotoluene

Concen: 18.090 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

Tgt Ion: 91 Resp: 133979

Ion Ratio Lower Upper

91 100

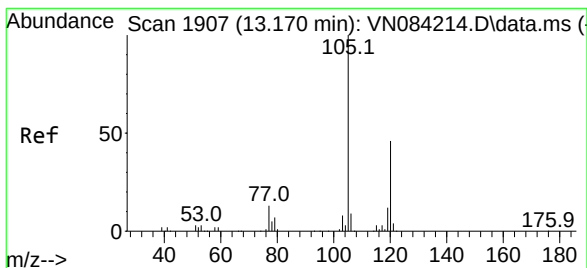
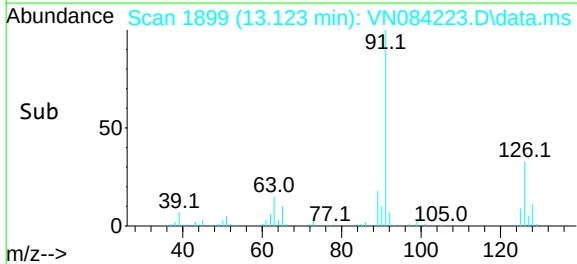
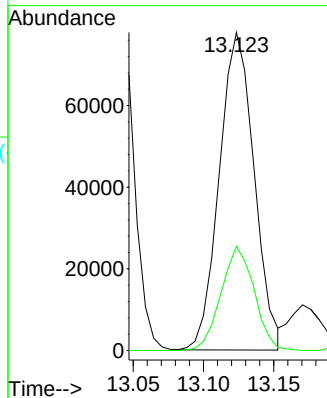
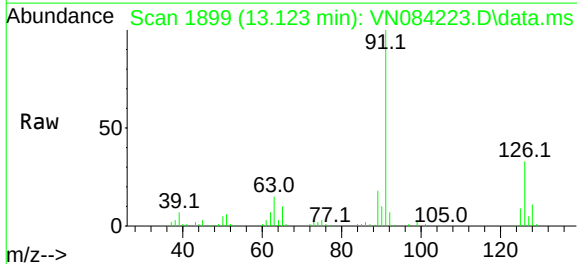
126 31.2 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#80

1,3,5-Trimethylbenzene

Concen: 19.178 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084223.D

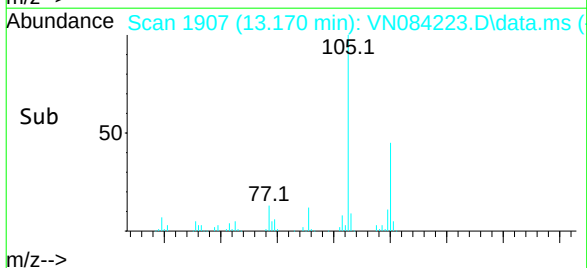
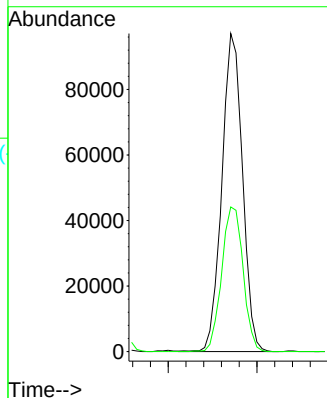
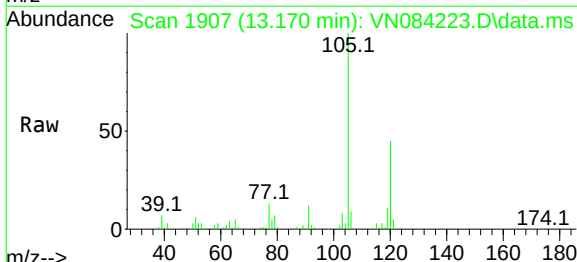
Acq: 30 Sep 2024 17:42

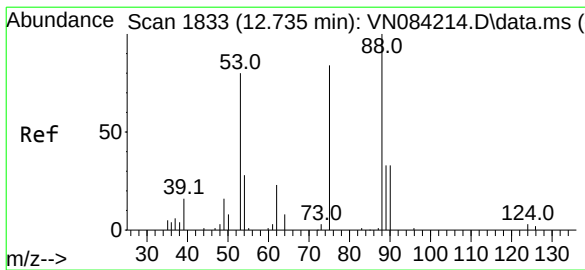
Tgt Ion:105 Resp: 156715

Ion Ratio Lower Upper

105 100

120 47.1 23.7 71.1





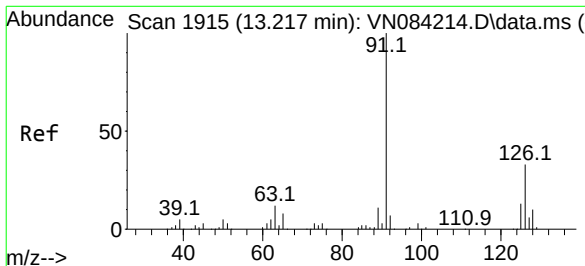
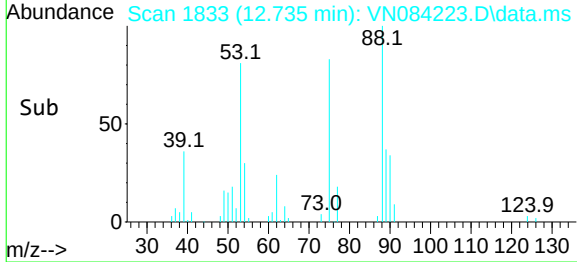
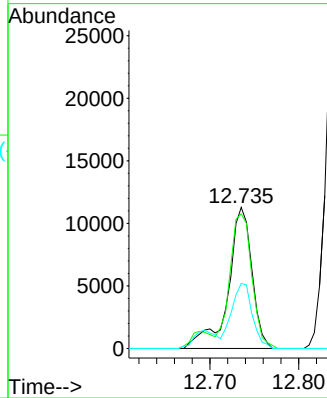
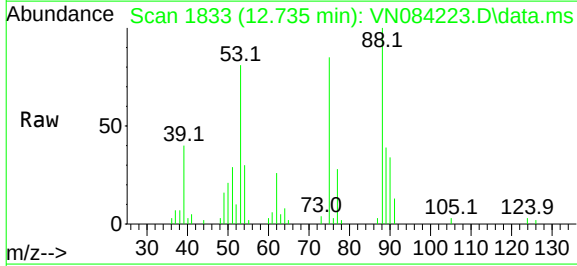
#81
trans-1,4-Dichloro-2-butene
Concen: 18.736 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

Tgt Ion: 75 Resp: 20945
Ion Ratio Lower Upper
75 100
53 88.5 78.0 117.0
89 40.5 35.5 53.3

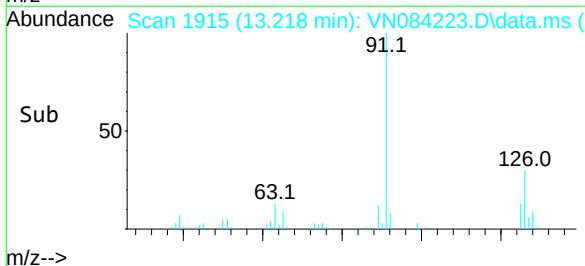
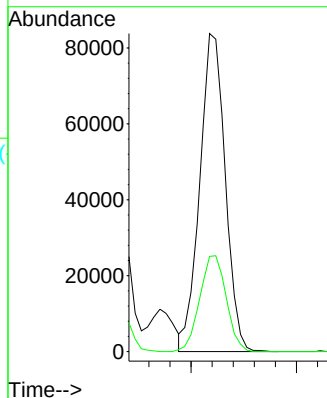
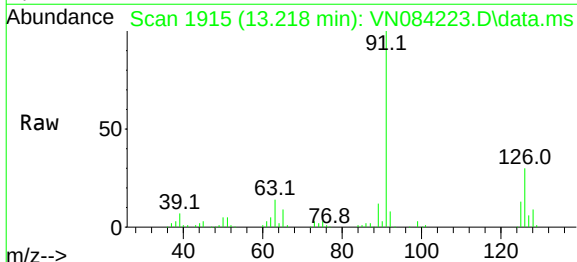
Manual Integrations
APPROVED

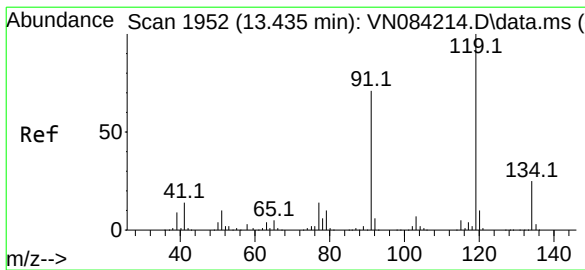
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#82
4-Chlorotoluene
Concen: 18.860 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Tgt Ion: 91 Resp: 140609
Ion Ratio Lower Upper
91 100
126 31.4 15.7 47.1





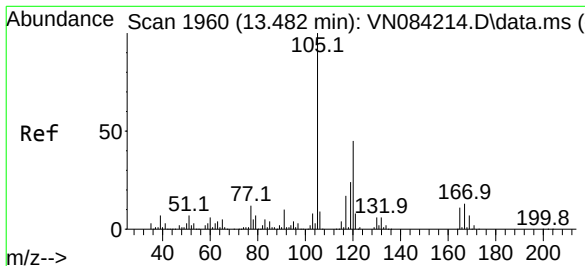
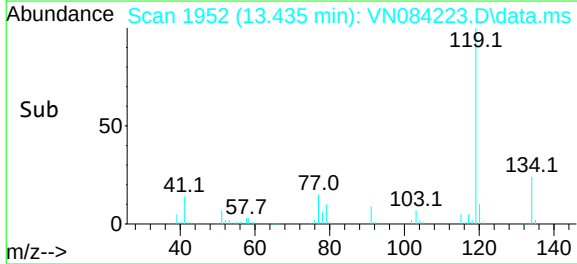
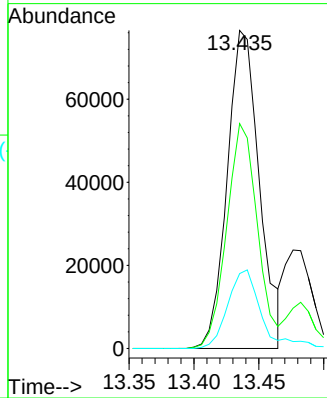
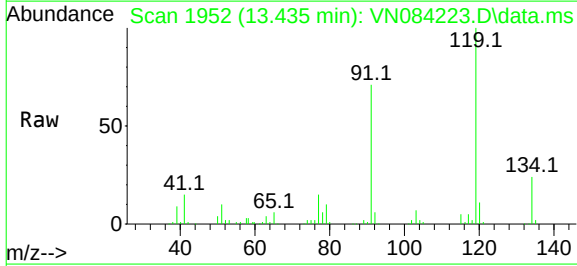
#83
tert-Butylbenzene
Concen: 18.229 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

Tgt Ion:119 Resp: 132393
Ion Ratio Lower Upper
119 100
91 67.6 34.1 102.3
134 25.8 12.8 38.4

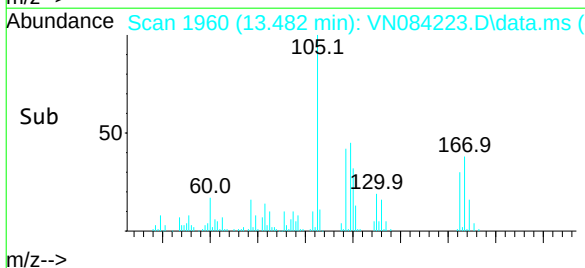
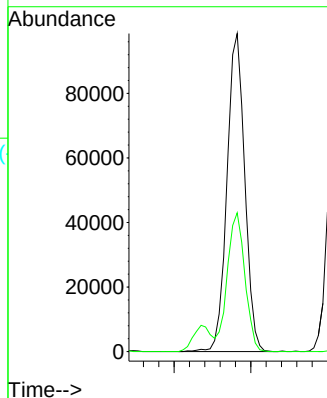
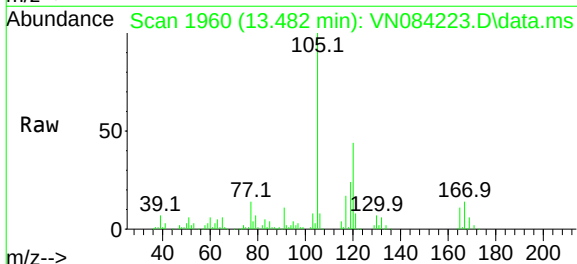
Manual Integrations
APPROVED

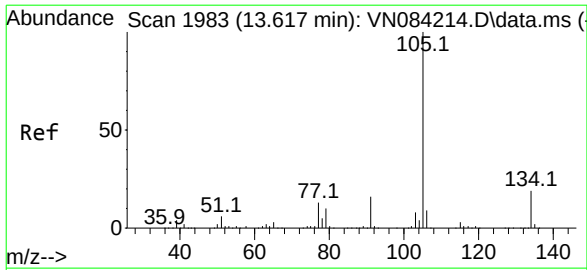
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#84
1,2,4-Trimethylbenzene
Concen: 19.232 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Tgt Ion:105 Resp: 158320
Ion Ratio Lower Upper
105 100
120 43.3 22.3 66.8





#85

sec-Butylbenzene

Concen: 19.234 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

Tgt Ion:105 Resp: 186416

Ion Ratio Lower Upper

105 100

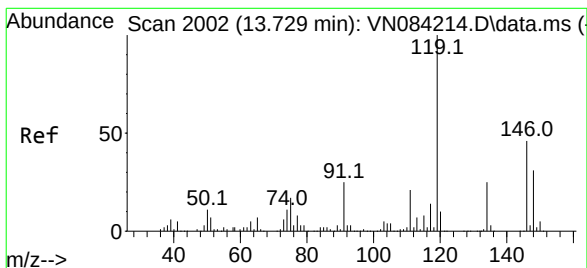
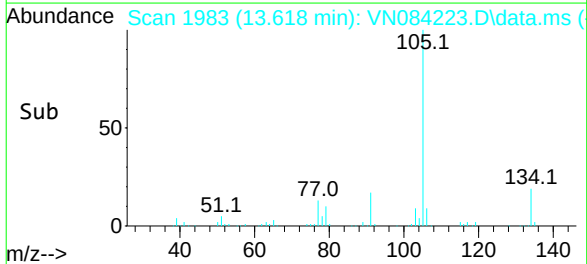
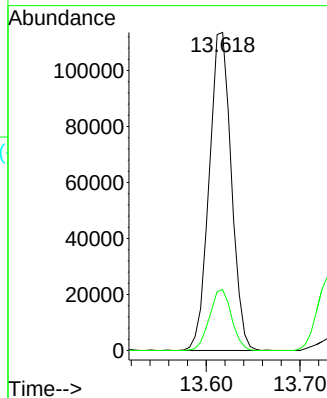
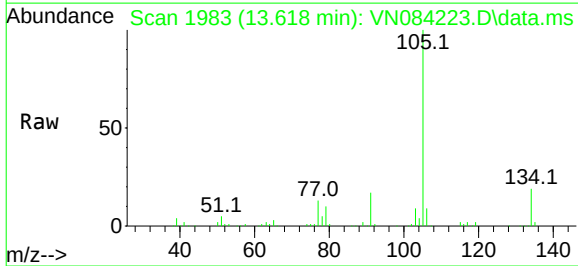
134 19.0 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#86

p-Isopropyltoluene

Concen: 19.618 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

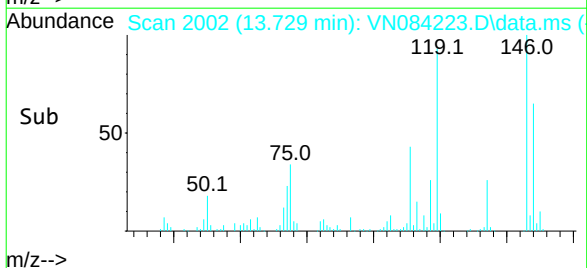
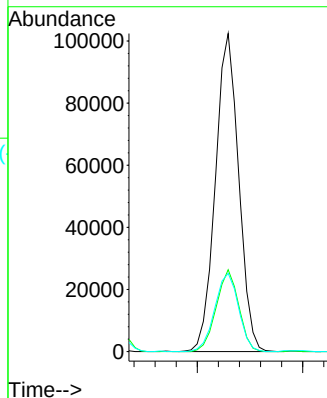
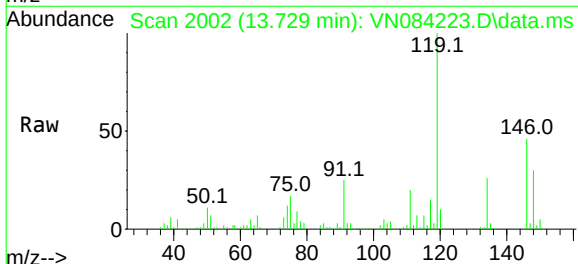
Tgt Ion:119 Resp: 157222

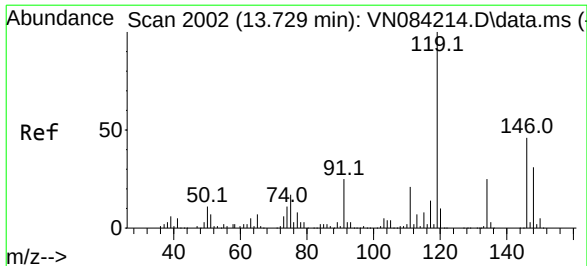
Ion Ratio Lower Upper

119 100

134 24.8 12.6 37.8

91 25.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.131 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

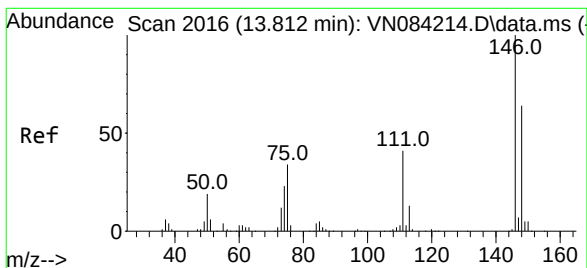
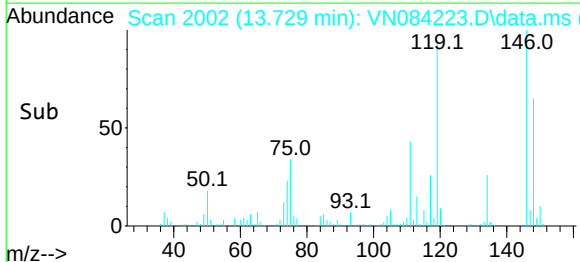
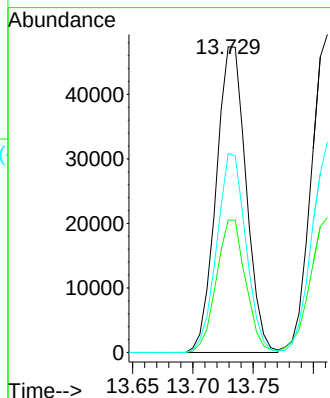
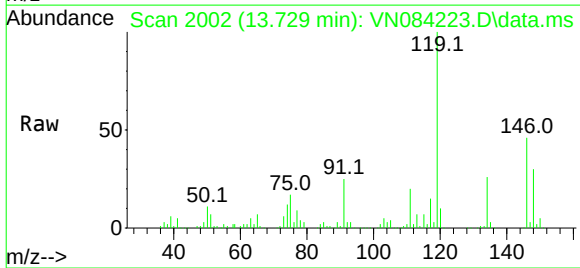
Tgt Ion:	146	Resp:	82192
Ion Ratio	Lower	Upper	
146	100		
111	42.2	21.8	65.3
148	63.2	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#88

1,4-Dichlorobenzene

Concen: 18.331 ug/l

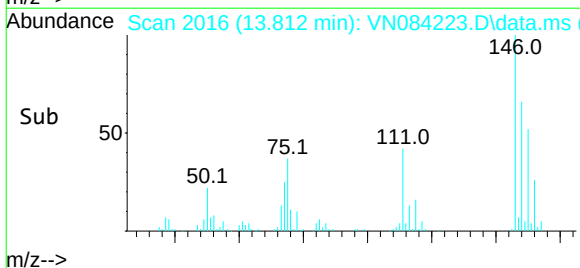
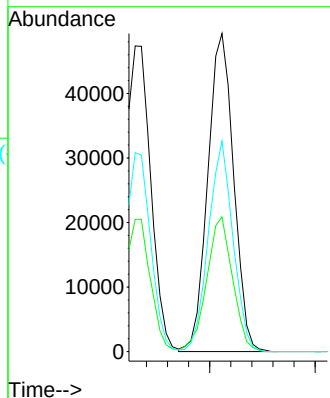
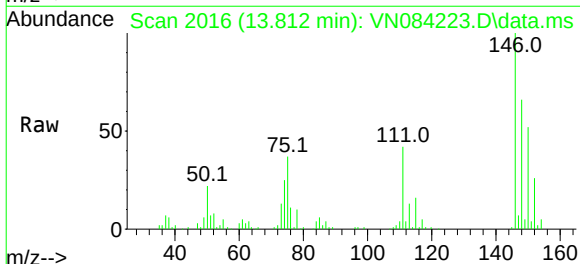
RT: 13.812 min Scan# 2016

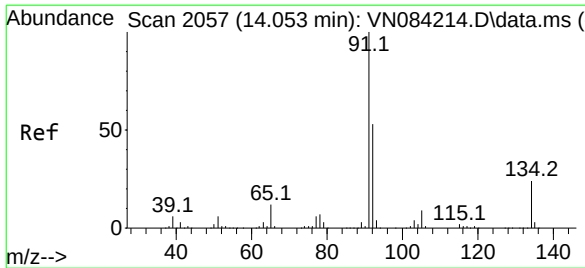
Delta R.T. 0.000 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

Tgt Ion:	146	Resp:	83918
Ion Ratio	Lower	Upper	
146	100		
111	42.4	21.2	63.6
148	63.0	31.9	95.9





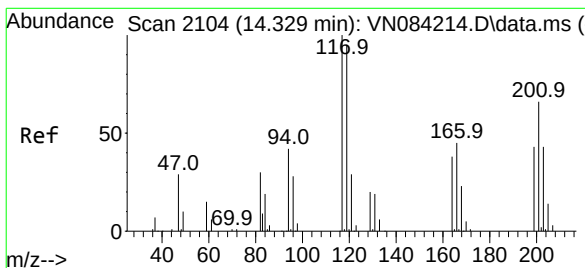
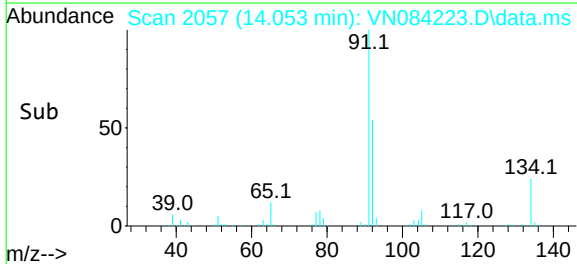
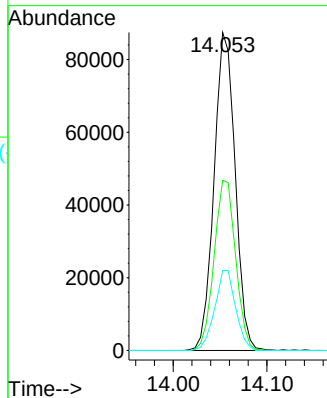
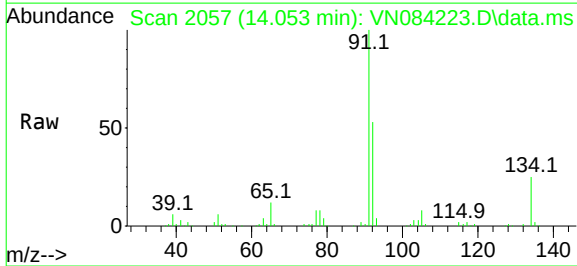
#89
n-Butylbenzene
Concen: 18.799 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

Tgt Ion: 91 Resp: 136610
Ion Ratio Lower Upper
91 100
92 54.6 26.6 79.7
134 25.0 12.3 36.9

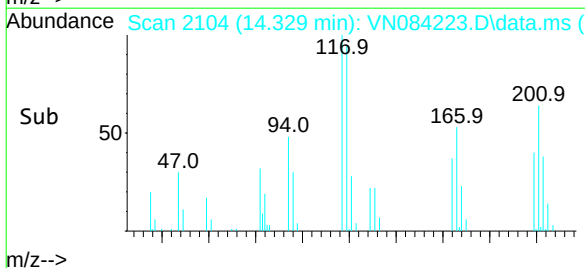
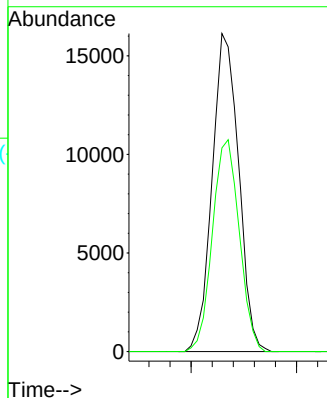
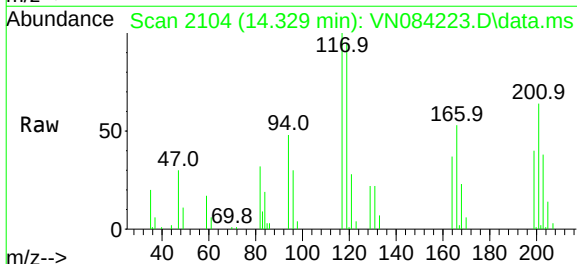
Manual Integrations
APPROVED

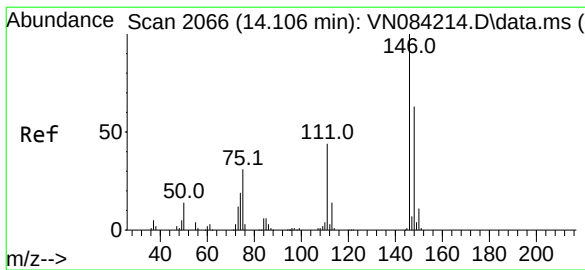
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#90
Hexachloroethane
Concen: 17.341 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN084223.D
Acq: 30 Sep 2024 17:42

Tgt Ion:117 Resp: 28209
Ion Ratio Lower Upper
117 100
201 67.3 34.4 103.2





#91

1,2-Dichlorobenzene

Concen: 17.335 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

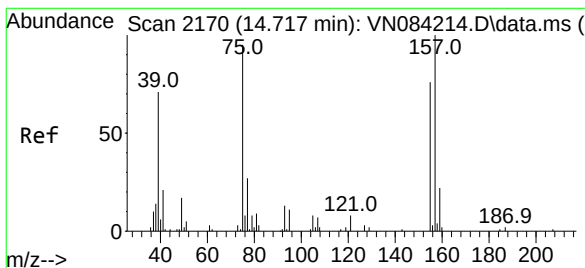
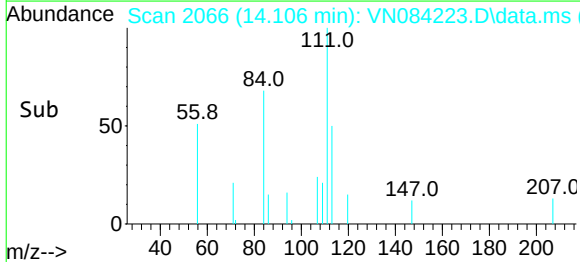
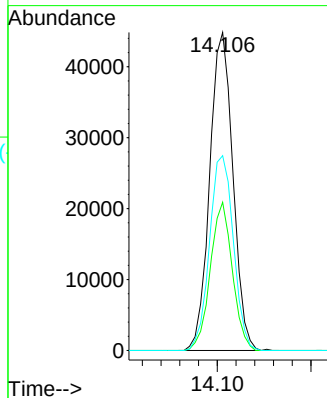
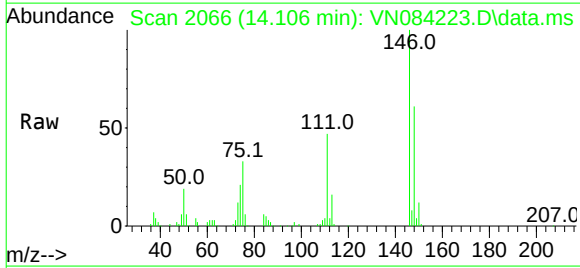
Tgt Ion:	146	Resp:	77053
Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.0	66.0
148	63.1	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.538 ug/l

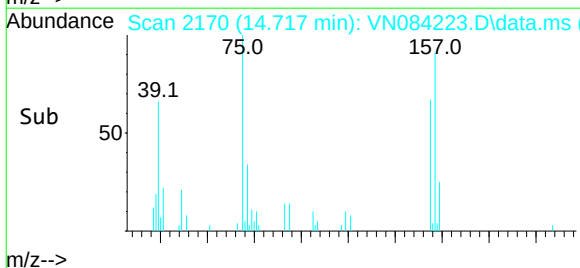
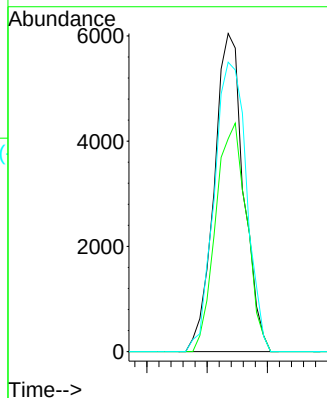
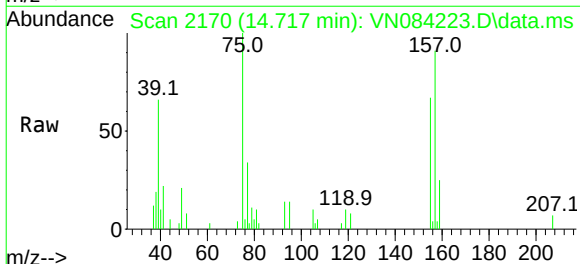
RT: 14.717 min Scan# 2170

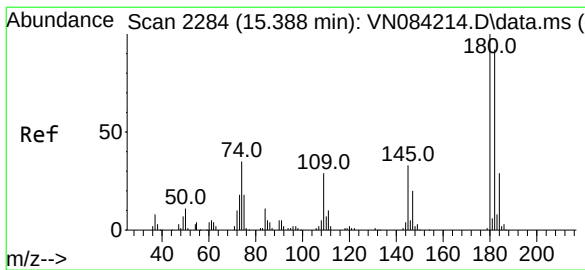
Delta R.T. 0.000 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

Tgt Ion:	75	Resp:	10280
Ion	Ratio	Lower	Upper
75	100		
155	75.2	38.1	114.5
157	100.0	49.6	149.0





#93

1,2,4-Trichlorobenzene

Concen: 18.593 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

Tgt Ion:180 Resp: 40706

Ion Ratio Lower Upper

180 100

182 97.5 47.0 141.0

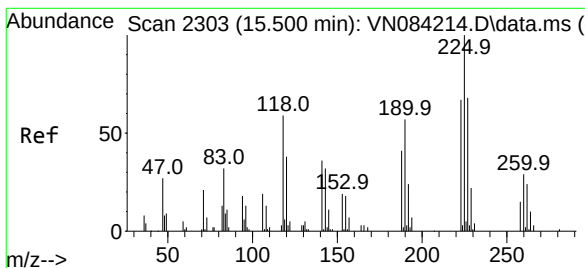
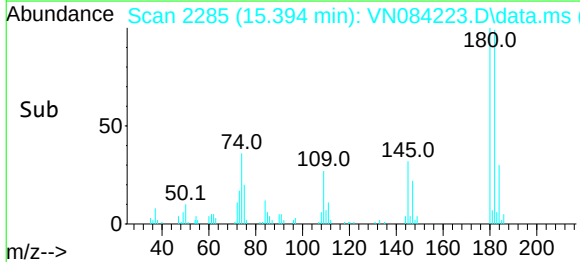
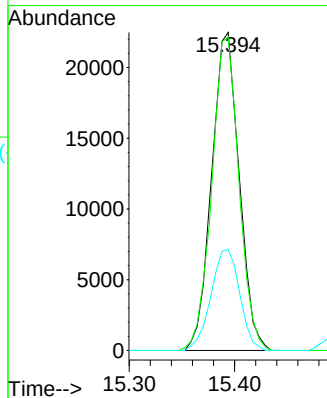
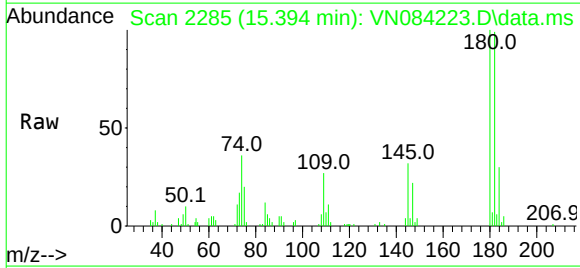
145 33.2 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#94

Hexachlorobutadiene

Concen: 17.505 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

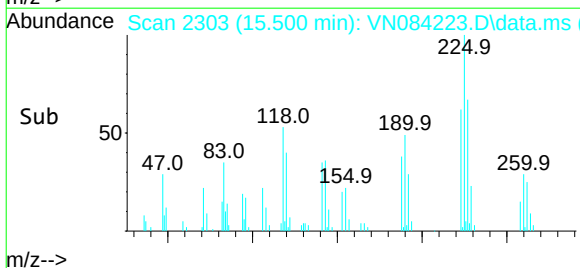
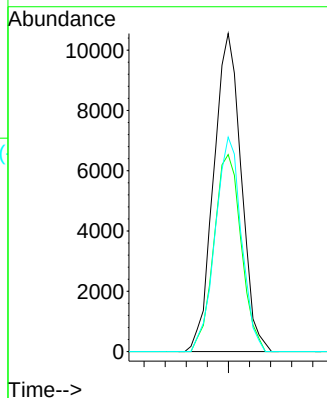
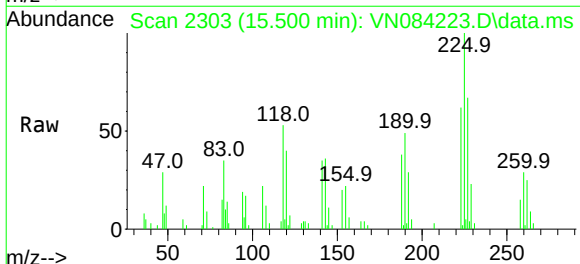
Tgt Ion:225 Resp: 19113

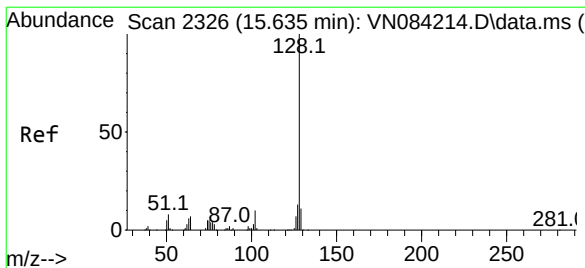
Ion Ratio Lower Upper

225 100

223 61.6 32.4 97.2

227 64.3 32.4 97.0





#95

Naphthalene

Concen: 17.315 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

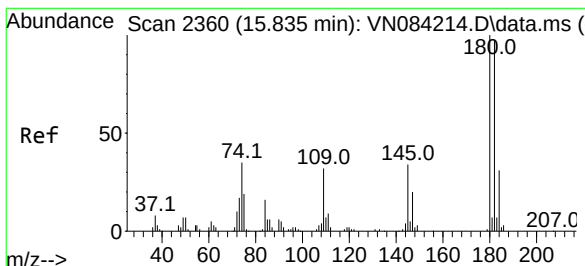
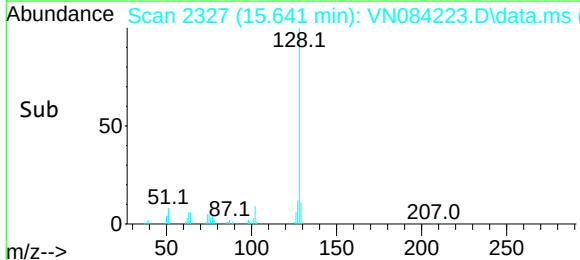
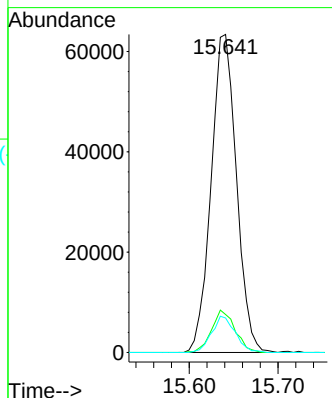
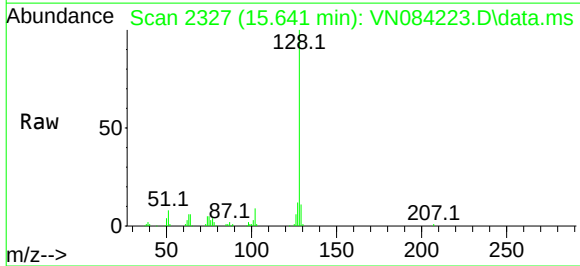
Tgt Ion:	128	Resp:	125676
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.5	15.7
129	10.6	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.421 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN084223.D

Acq: 30 Sep 2024 17:42

Tgt Ion:	180	Resp:	40371
Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.2	144.6
145	35.1	17.3	51.9

