

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100324\
 Data File : VN084298.D
 Acq On : 03 Oct 2024 15:03
 Operator : JC\MD
 Sample : P4226-24MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW4-20240927MS

Quant Time: Oct 04 01:35:25 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 10/04/2024
 Supervised By : Mahesh Dadoda 10/04/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	153521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122237	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	124507	54.699	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.400%	
35) Dibromofluoromethane	8.165	113	97041	54.637	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.280%	
50) Toluene-d8	10.565	98	366949	56.156	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.320%	
62) 4-Bromofluorobenzene	12.847	95	134355	56.438	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 112.880%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	84947	46.779	ug/l	95
3) Chloromethane	2.359	50	95553	46.084	ug/l	100
4) Vinyl Chloride	2.512	62	94020	46.812	ug/l	100
5) Bromomethane	2.948	94	57807	43.635	ug/l	96
6) Chloroethane	3.112	64	59799	41.573	ug/l	100
7) Trichlorofluoromethane	3.495	101	151252	48.362	ug/l	97
8) Diethyl Ether	3.965	74	53651	46.253	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	97731	54.536	ug/l	98
10) Methyl Iodide	4.589	142	109478	47.438	ug/l	98
11) Tert butyl alcohol	5.524	59	88255	235.138	ug/l	100
12) 1,1-Dichloroethene	4.342	96	83846	48.507	ug/l	97
13) Acrolein	4.177	56	121302	281.516	ug/l	99
14) Allyl chloride	5.024	41	135347	45.086	ug/l	98
15) Acrylonitrile	5.718	53	238980	252.136	ug/l	98
16) Acetone	4.430	43	197399	201.876	ug/l	100
17) Carbon Disulfide	4.712	76	232335	42.453	ug/l	98
18) Methyl Acetate	5.024	43	103905	48.753	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	282903	48.491	ug/l	99
20) Methylene Chloride	5.277	84	95190	47.889	ug/l	87
21) trans-1,2-Dichloroethene	5.795	96	85779	47.367	ug/l	95
22) Diisopropyl ether	6.671	45	309429	49.832	ug/l	98
23) Vinyl Acetate	6.600	43	1110338	241.087	ug/l	99
24) 1,1-Dichloroethane	6.565	63	172301	49.619	ug/l	99
25) 2-Butanone	7.483	43	312569	234.695	ug/l	98
26) 2,2-Dichloropropane	7.489	77	136887	43.720	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	106373	48.609	ug/l	99
28) Bromochloromethane	7.818	49	71286	46.010	ug/l	100
29) Tetrahydrofuran	7.841	42	210936	256.650	ug/l	99
30) Chloroform	7.965	83	176973	49.063	ug/l	100
31) Cyclohexane	8.253	56	145525	43.162	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	161488	49.850	ug/l	99
36) 1,1-Dichloropropene	8.371	75	123086	47.710	ug/l	99
37) Ethyl Acetate	7.559	43	121851	46.038	ug/l	99
38) Carbon Tetrachloride	8.359	117	136519	48.240	ug/l	99
39) Methylcyclohexane	9.600	83	138813	48.345	ug/l	98
40) Benzene	8.606	78	390245	48.550	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	72219	50.261	ug/l	100
42) 1,2-Dichloroethane	8.665	62	132010	48.444	ug/l	100
43) Isopropyl Acetate	8.688	43	210713	40.646	ug/l	99
44) Trichloroethene	9.353	130	892936	475.636	ug/l	98
45) 1,2-Dichloropropane	9.618	63	94730	49.819	ug/l	99
46) Dibromomethane	9.706	93	66788	52.048	ug/l	98
47) Bromodichloromethane	9.888	83	142906	50.127	ug/l	98
48) Methyl methacrylate	9.682	41	103790	50.294	ug/l	98
49) 1,4-Dioxane	9.694	88	40071	1054.712	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	648591	257.422	ug/l	100
52) Toluene	10.630	92	238550	48.668	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	141270	48.613	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	143822	46.012	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	87723	49.923	ug/l	97
56) Ethyl methacrylate	10.871	69	144855	50.099	ug/l	99
57) 1,3-Dichloropropane	11.165	76	152614	48.606	ug/l	100
59) 2-Hexanone	11.194	43	482628	256.286	ug/l	100
60) Dibromochloromethane	11.359	129	104786	50.471	ug/l	98
61) 1,2-Dibromoethane	11.471	107	88970	48.728	ug/l	100
64) Tetrachloroethene	11.100	164	87407	51.392	ug/l	98
65) Chlorobenzene	11.888	112	253880	46.892	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	88982	47.715	ug/l	100
67) Ethyl Benzene	11.965	91	454708	47.490	ug/l	96
68) m/p-Xylenes	12.071	106	347777	98.192	ug/l	100
69) o-Xylene	12.400	106	164527	49.099	ug/l	99
70) Styrene	12.412	104	283064	49.871	ug/l	99
71) Bromoform	12.576	173	68912	50.192	ug/l #	99
73) Isopropylbenzene	12.694	105	422270	45.270	ug/l	100
74) N-amyl acetate	12.494	43	180952	42.840	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	127130	45.326	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	106875m	42.827	ug/l	
77) Bromobenzene	12.976	156	98937	43.972	ug/l	99
78) n-propylbenzene	13.035	91	503432	46.583	ug/l	100
79) 2-Chlorotoluene	13.123	91	309647	44.901	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	361643	47.529	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	43828	42.106	ug/l	97
82) 4-Chlorotoluene	13.218	91	316497	45.591	ug/l	100
83) tert-Butylbenzene	13.435	119	305045	45.107	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	363017	47.360	ug/l	99
85) sec-Butylbenzene	13.618	105	419827	46.522	ug/l	99
86) p-Isopropyltoluene	13.729	119	351165	47.058	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	187875	44.510	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	185439	43.504	ug/l	99
89) n-Butylbenzene	14.053	91	294610	43.539	ug/l	99
90) Hexachloroethane	14.335	117	65673	43.356	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	180714	43.663	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25391	43.869	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	85519	41.950	ug/l	99
94) Hexachlorobutadiene	15.500	225	38242	37.616	ug/l	97
95) Naphthalene	15.641	128	269582	39.889	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	83303	40.822	ug/l	99

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

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

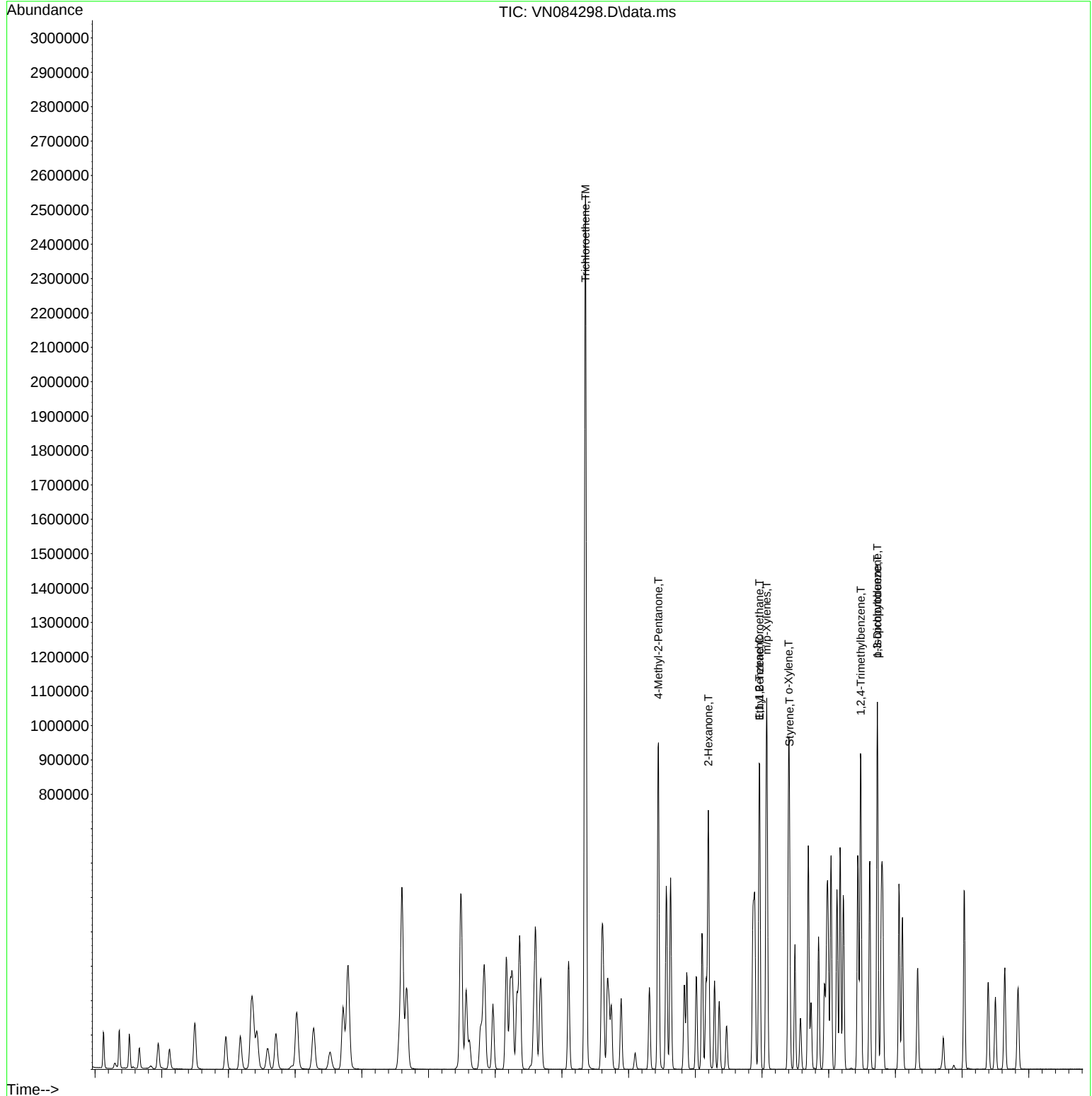
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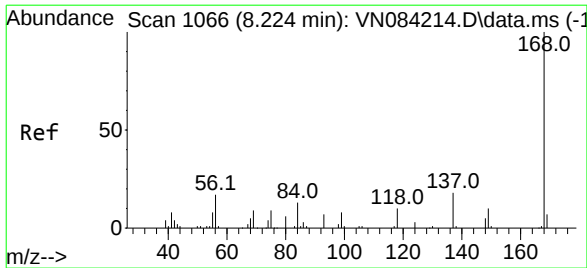
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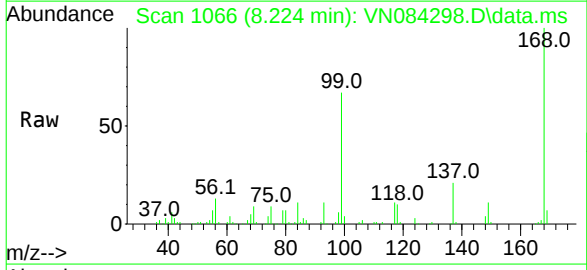
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

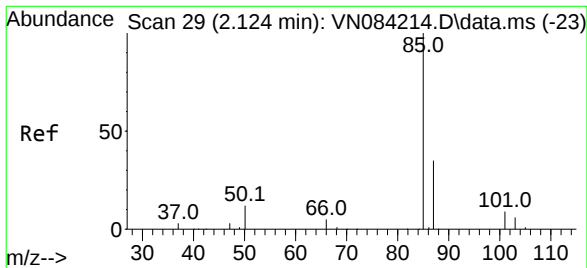
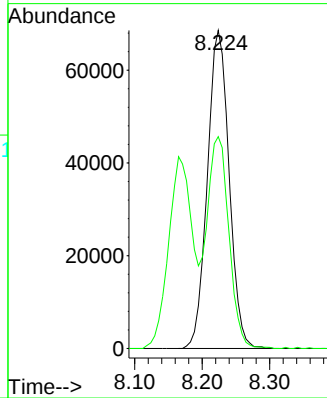
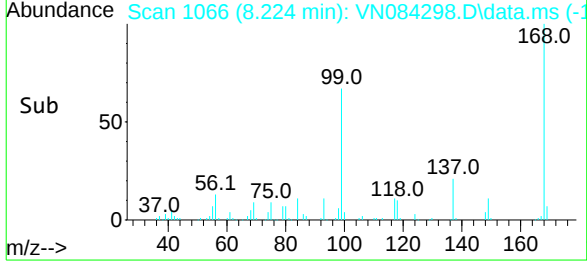
Instrument :
MSVOA_N
ClientSampleId :
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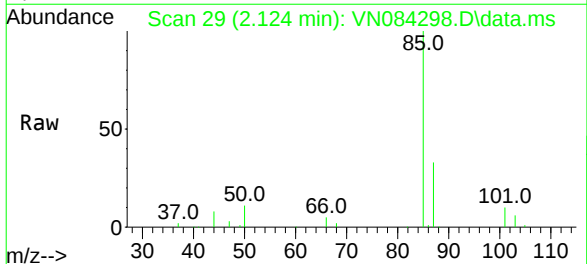
Tgt Ion: 168 Resp: 153521
Ion Ratio Lower Upper
168 100
99 66.6 54.2 81.2

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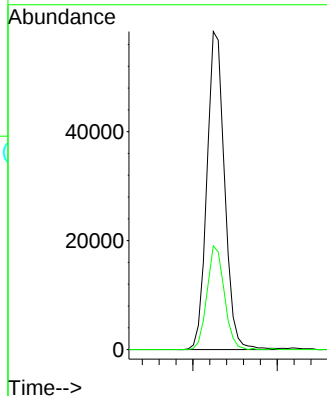
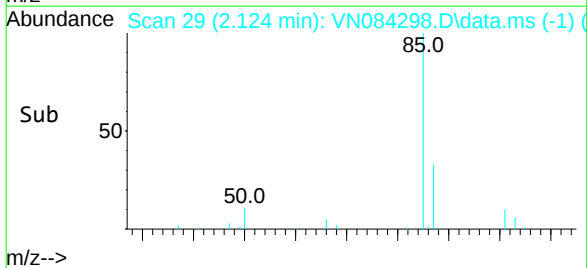
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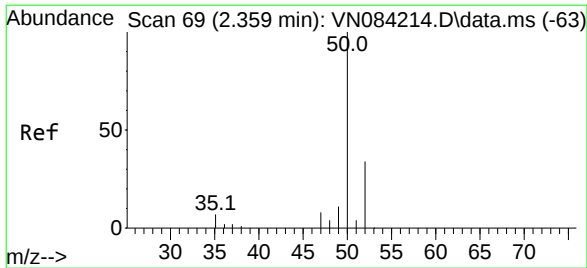


#2
Dichlorodifluoromethane
Concen: 46.779 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03



Tgt Ion: 85 Resp: 84947
Ion Ratio Lower Upper
85 100
87 32.6 17.6 52.9





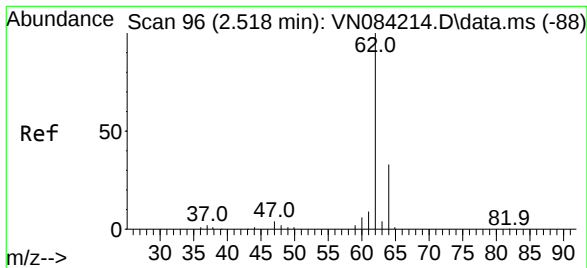
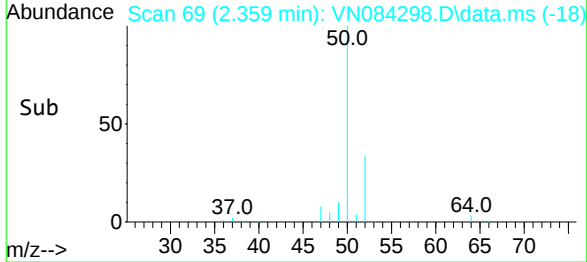
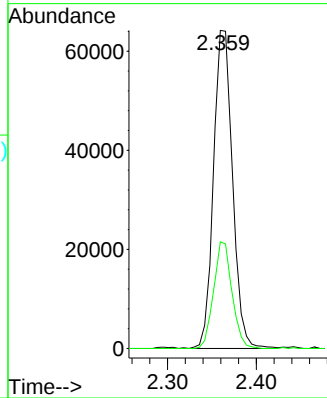
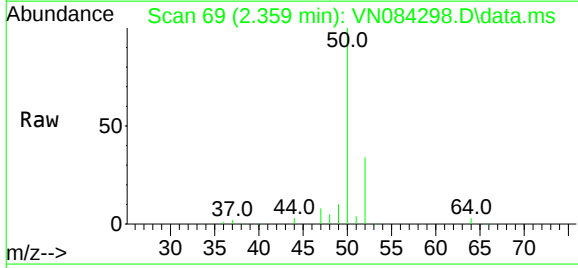
#3
Chloromethane
Concen: 46.084 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

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ClientSampleId :
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Tgt Ion: 50 Resp: 95553
Ion Ratio Lower Upper
50 100
52 33.5 26.8 40.2

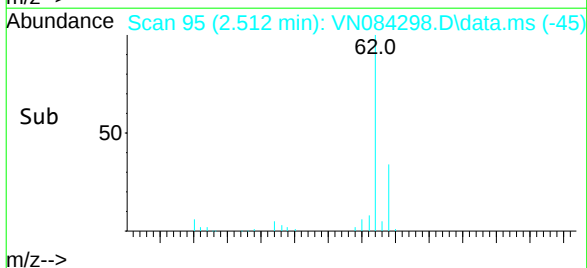
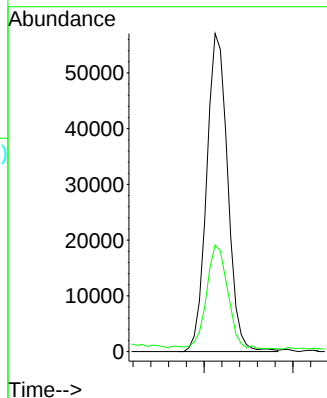
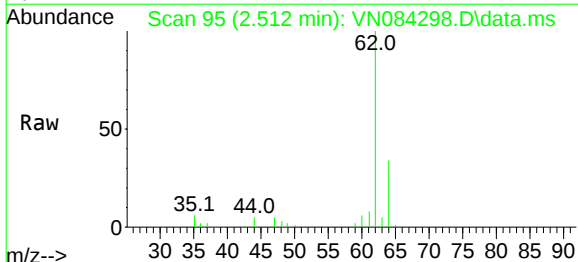
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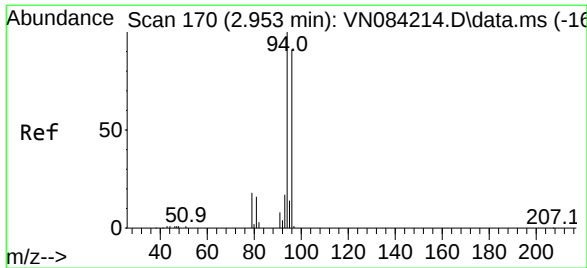
Reviewed By :John Carlone 10/04/2024
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#4
Vinyl Chloride
Concen: 46.812 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

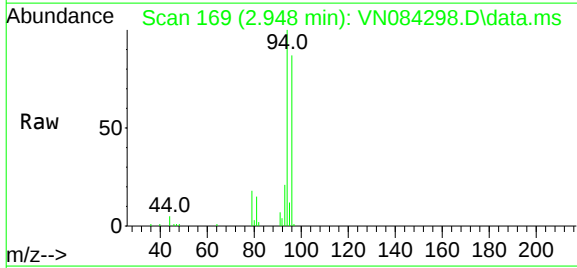
Tgt Ion: 62 Resp: 94020
Ion Ratio Lower Upper
62 100
64 32.6 26.2 39.4





#5
Bromomethane
Concen: 43.635 ug/l
RT: 2.948 min Scan# 16
Delta R.T. -0.006 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

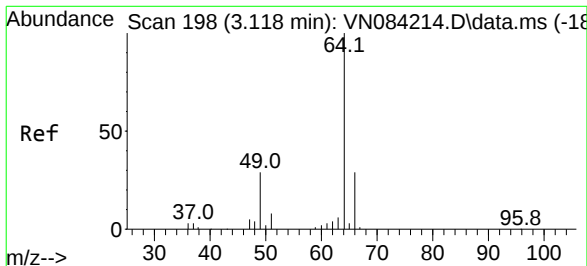
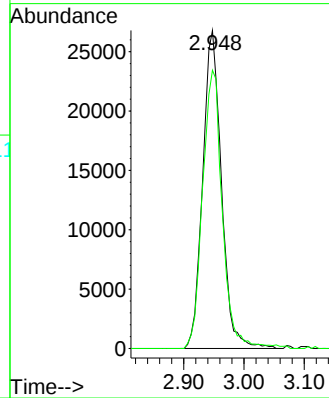
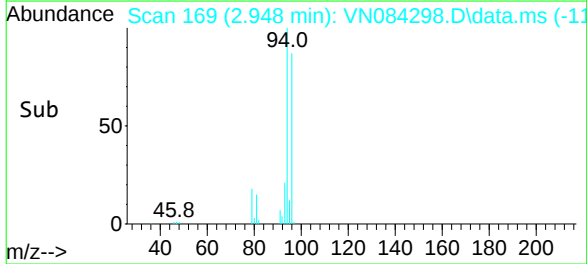
Instrument :
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Tgt Ion: 94 Resp: 57807
Ion Ratio Lower Upper
94 100
96 87.5 72.9 109.3

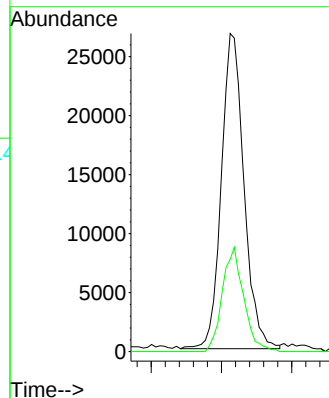
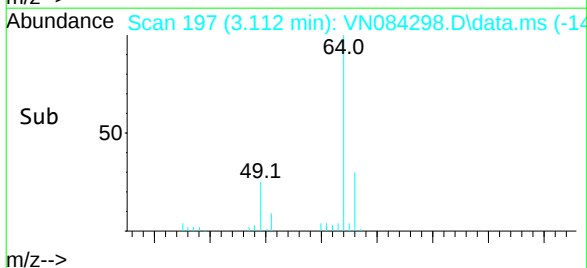
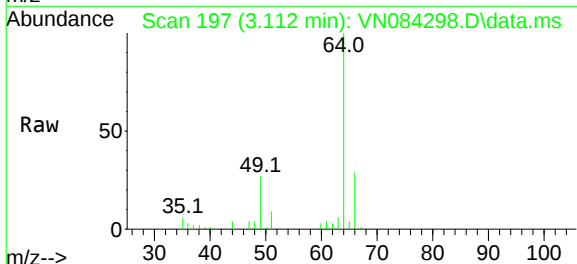
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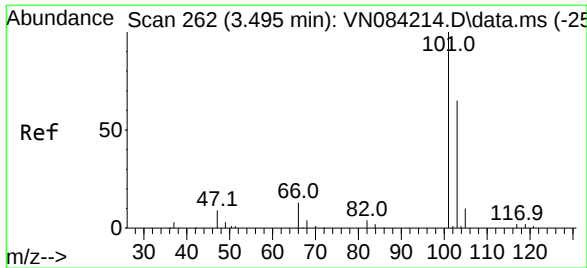
Reviewed By :John Carlone 10/04/2024
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#6
Chloroethane
Concen: 41.573 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

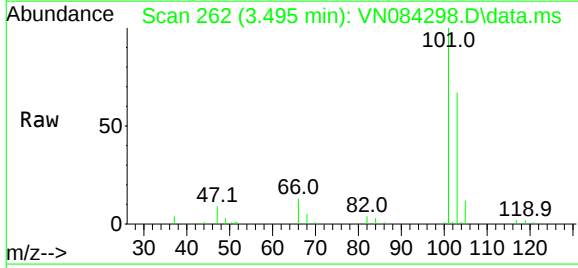
Tgt Ion: 64 Resp: 59799
Ion Ratio Lower Upper
64 100
66 29.2 23.5 35.3





#7
 Trichlorofluoromethane
 Concen: 48.362 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN084298.D
 Acq: 03 Oct 2024 15:03

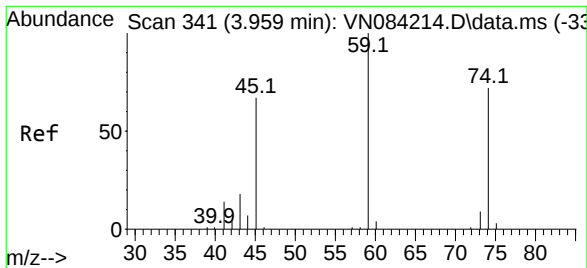
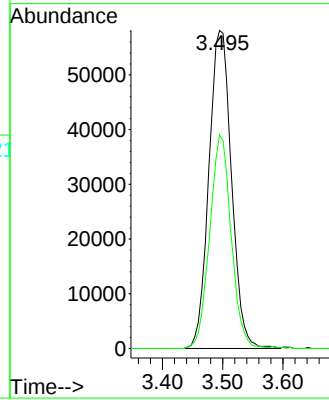
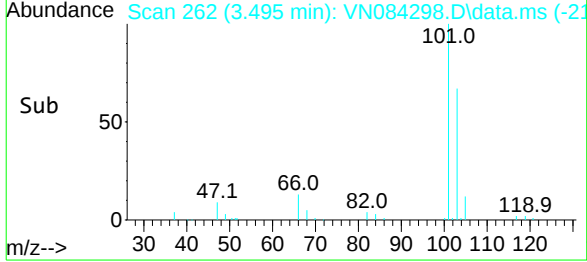
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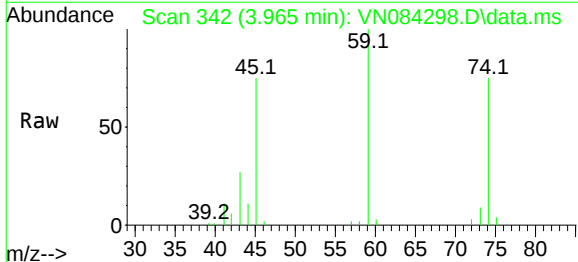
Tgt Ion: 101 Resp: 151252
 Ion Ratio Lower Upper
 101 100
 103 67.2 51.8 77.6

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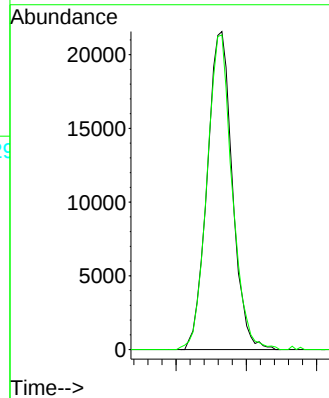
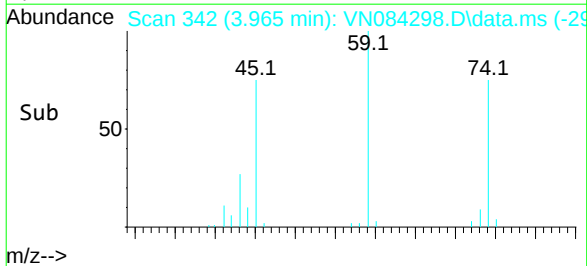
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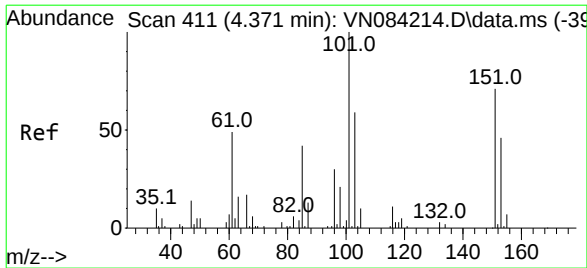


#8
 Diethyl Ether
 Concen: 46.253 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN084298.D
 Acq: 03 Oct 2024 15:03



Tgt Ion: 74 Resp: 53651
 Ion Ratio Lower Upper
 74 100
 45 99.0 47.7 143.1





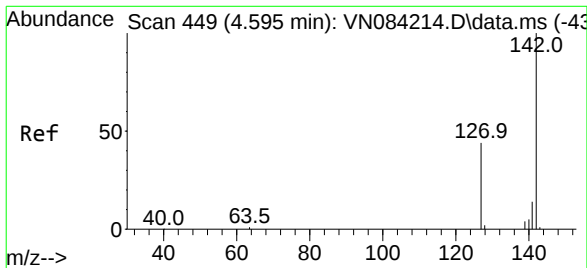
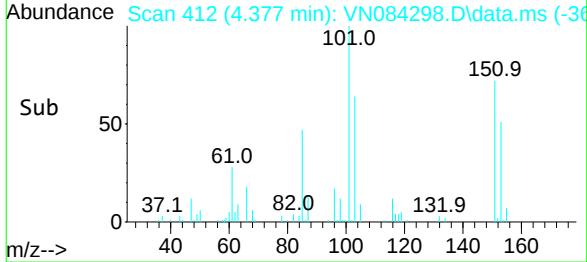
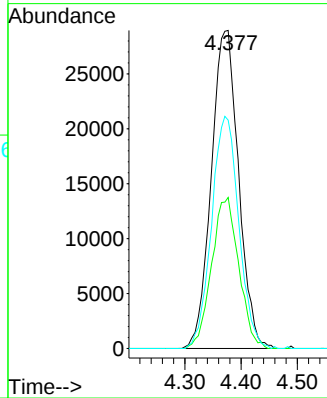
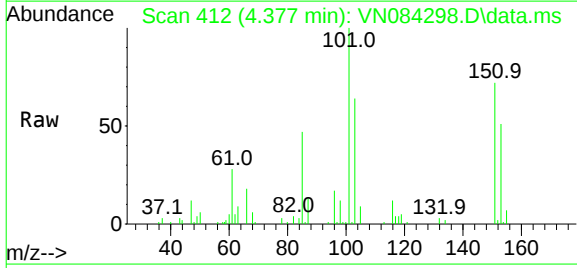
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.536 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MS

Tgt Ion:101 Resp: 97731
Ion Ratio Lower Upper
101 100
85 47.2 36.2 54.4
151 72.9 59.3 88.9

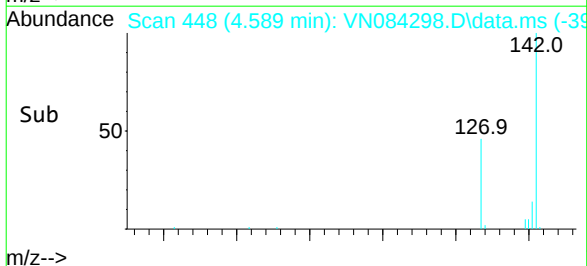
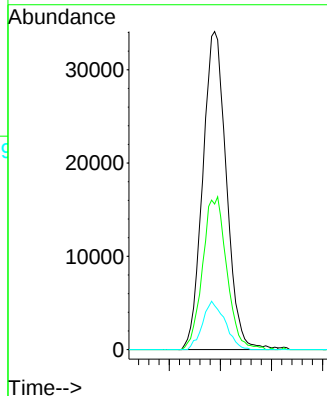
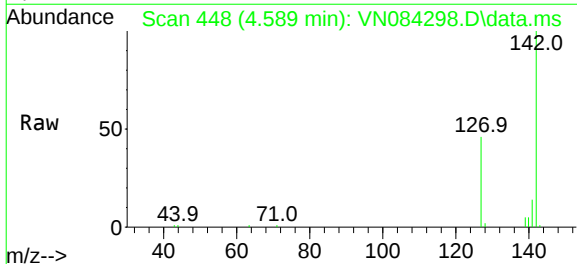
Manual Integrations
APPROVED

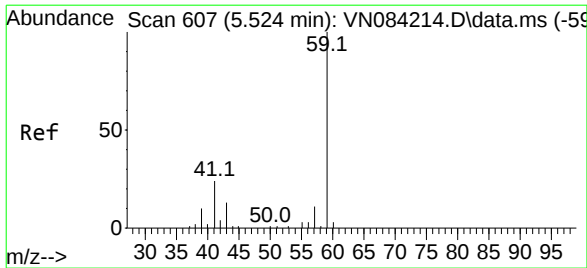
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#10
Methyl Iodide
Concen: 47.438 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

Tgt Ion:142 Resp: 109478
Ion Ratio Lower Upper
142 100
127 45.8 35.3 52.9
141 13.8 11.0 16.6





#11

Tert butyl alcohol

Concen: 235.138 ug/l

RT: 5.524 min Scan# 607

Delta R.T. 0.000 min

Lab File: VN084298.D

Acq: 03 Oct 2024 15:03

Instrument :

MSVOA_N

ClientSampleId :

RW4-20240927MS

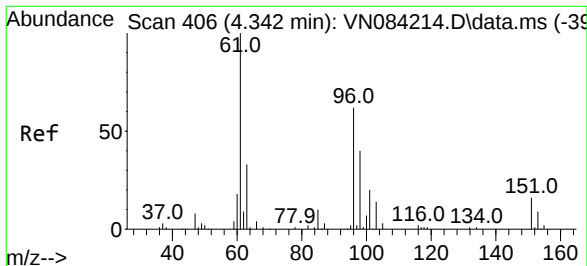
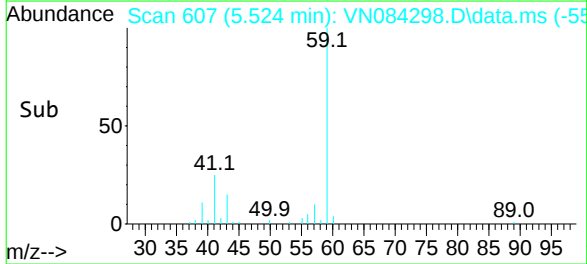
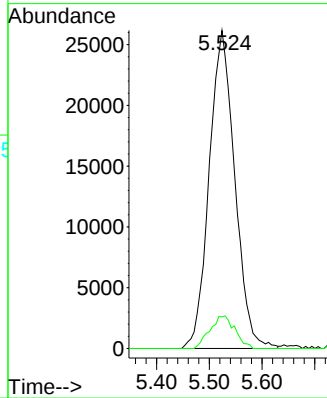
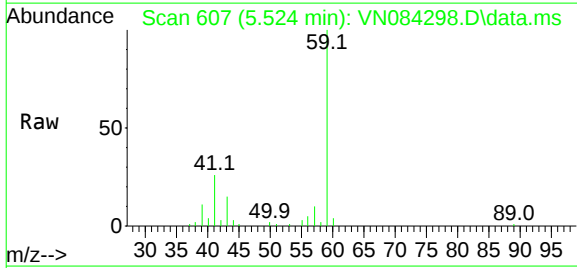
Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#12

1,1-Dichloroethene

Concen: 48.507 ug/l

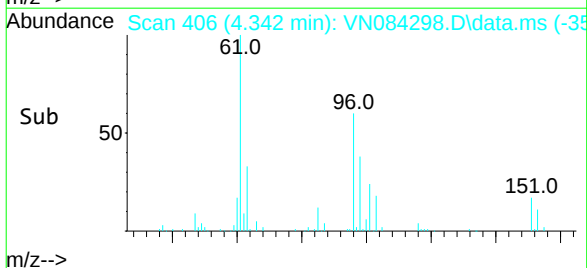
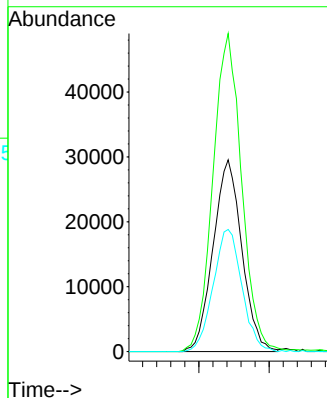
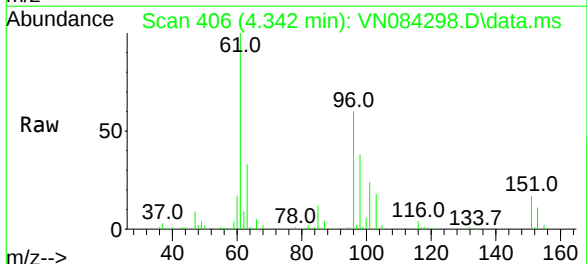
RT: 4.342 min Scan# 406

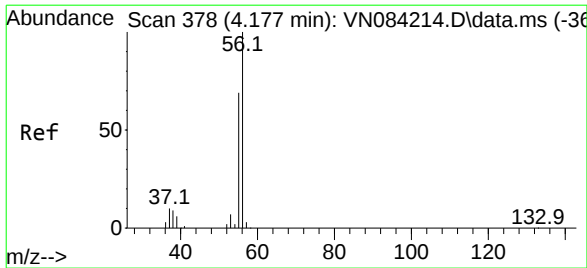
Delta R.T. 0.000 min

Lab File: VN084298.D

Acq: 03 Oct 2024 15:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.9	128.6	192.8
98	63.7	51.7	77.5





#13

Acrolein

Concen: 281.516 ug/l

RT: 4.177 min Scan# 37

Delta R.T. 0.000 min

Lab File: VN084298.D

Acq: 03 Oct 2024 15:03

Instrument :

MSVOA_N

ClientSampleId :

RW4-20240927MS

Tgt Ion: 56 Resp: 121302

Ion Ratio Lower Upper

56 100

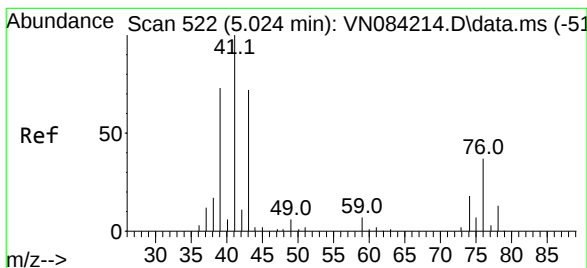
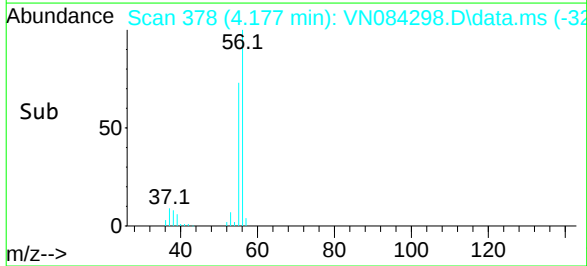
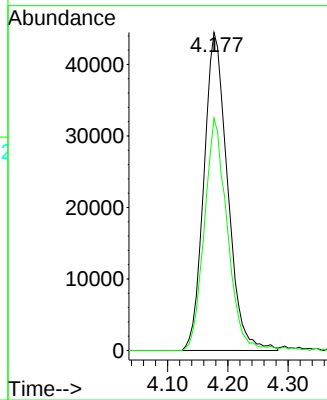
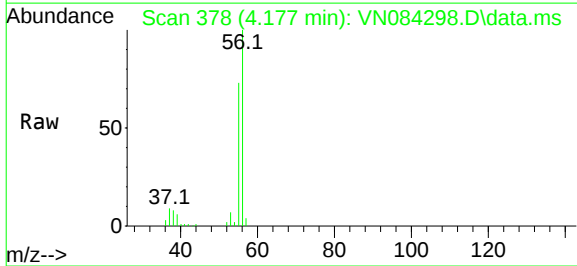
55 70.7 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#14

Allyl chloride

Concen: 45.086 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN084298.D

Acq: 03 Oct 2024 15:03

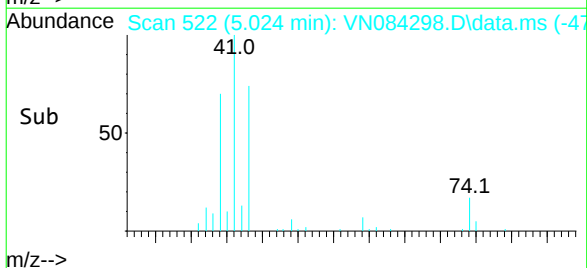
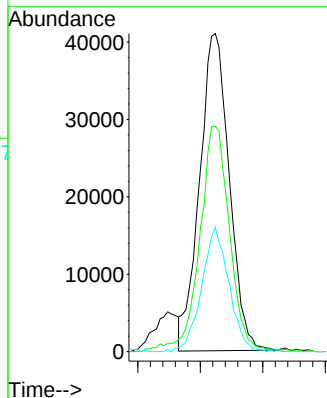
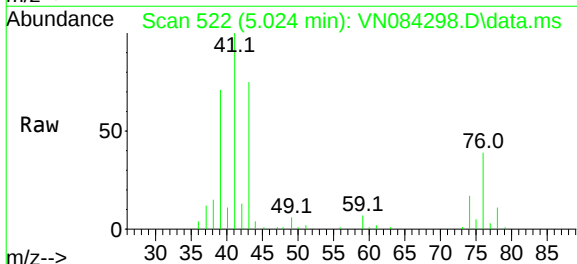
Tgt Ion: 41 Resp: 135347

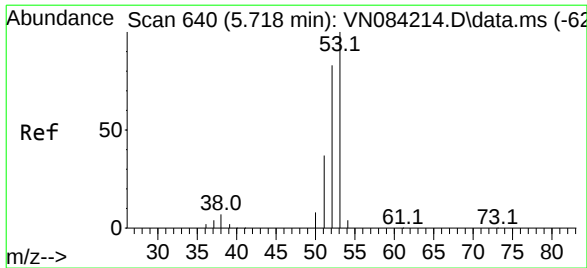
Ion Ratio Lower Upper

41 100

39 71.5 59.0 88.6

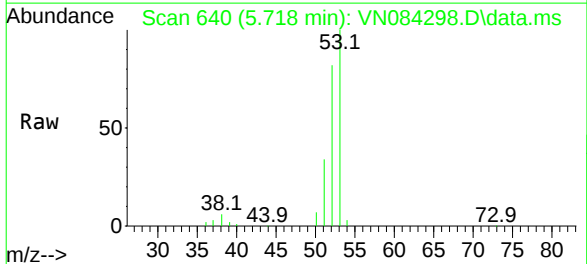
76 36.1 29.8 44.6





#15
Acrylonitrile
Concen: 252.136 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

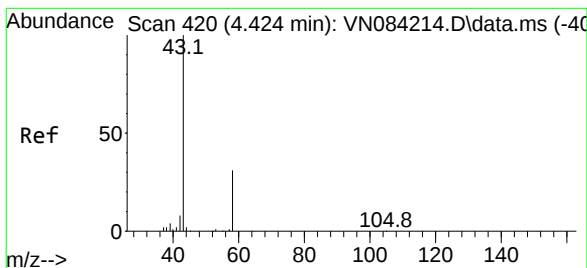
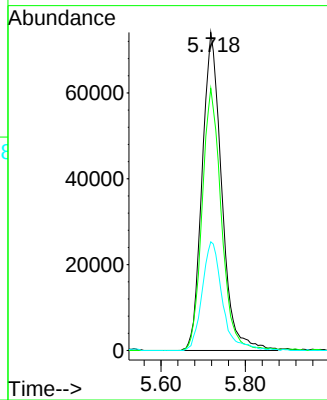
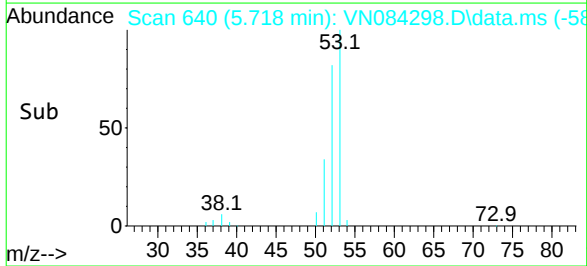
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MS



Tgt Ion: 53 Resp: 238980
Ion Ratio Lower Upper
53 100
52 81.3 66.2 99.4
51 35.3 28.8 43.2

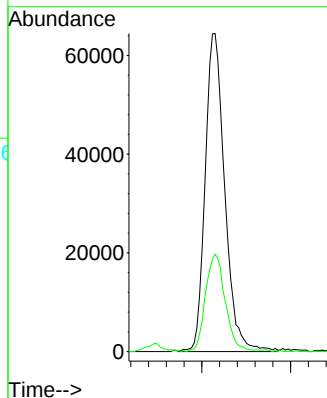
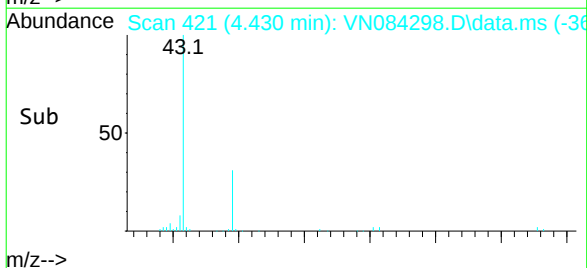
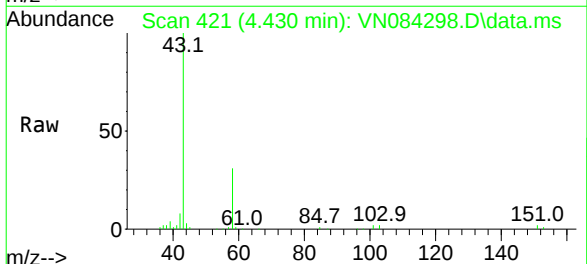
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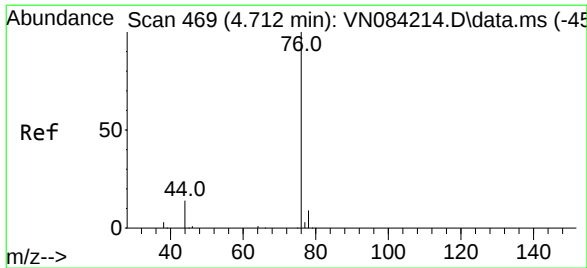
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#16
Acetone
Concen: 201.876 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

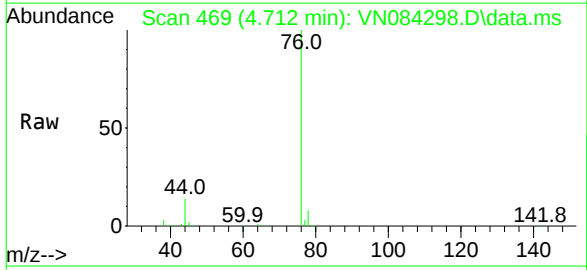
Tgt Ion: 43 Resp: 197399
Ion Ratio Lower Upper
43 100
58 30.6 24.4 36.6





#17
Carbon Disulfide
Concen: 42.453 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

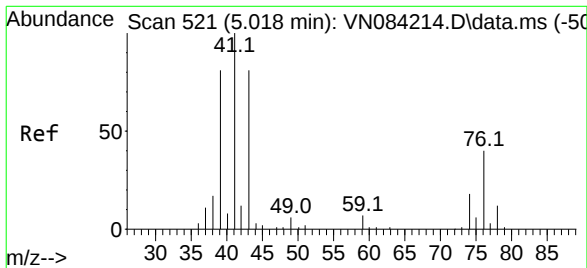
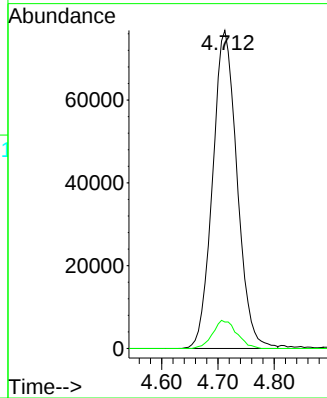
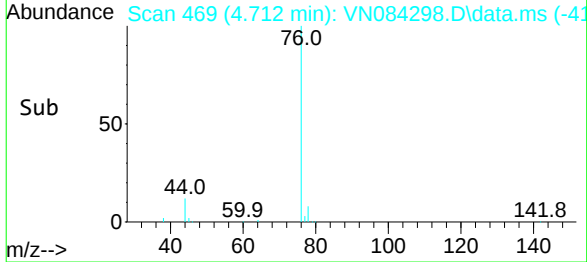
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MS



Tgt Ion: 76 Resp: 232335
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9

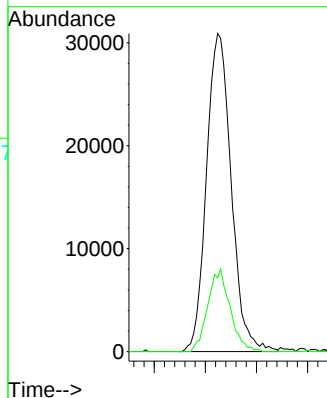
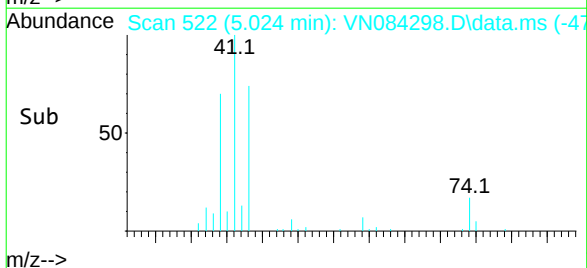
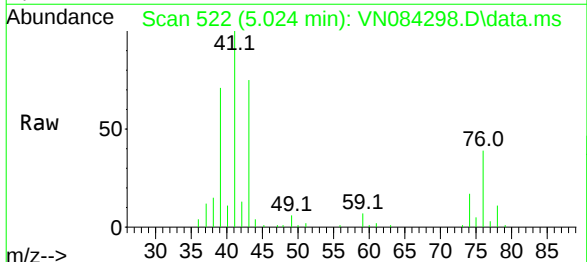
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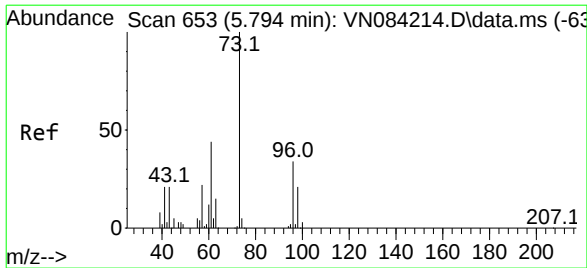
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#18
Methyl Acetate
Concen: 48.753 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

Tgt Ion: 43 Resp: 103905
Ion Ratio Lower Upper
43 100
74 23.4 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 48.491 ug/l

RT: 5.795 min Scan# 653

Delta R.T. 0.000 min

Lab File: VN084298.D

Acq: 03 Oct 2024 15:03

Instrument :

MSVOA_N

ClientSampleId :

RW4-20240927MS

Tgt Ion: 73 Resp: 282903

Ion Ratio Lower Upper

73 100

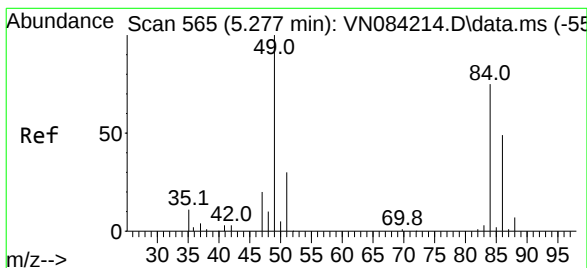
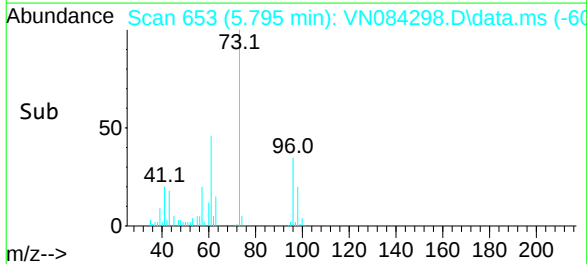
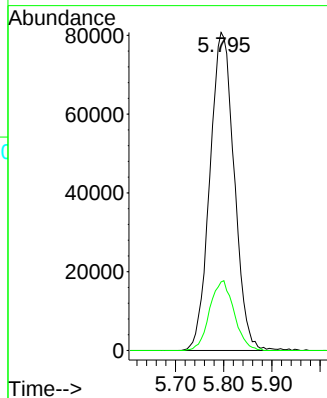
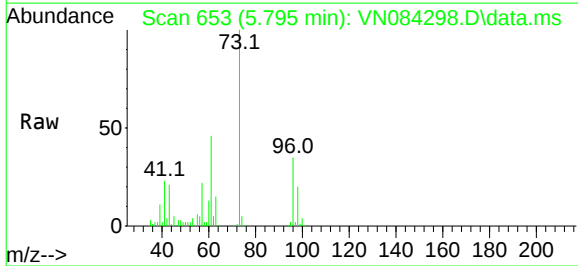
57 21.5 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#20

Methylene Chloride

Concen: 47.889 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.000 min

Lab File: VN084298.D

Acq: 03 Oct 2024 15:03

Tgt Ion: 84 Resp: 95190

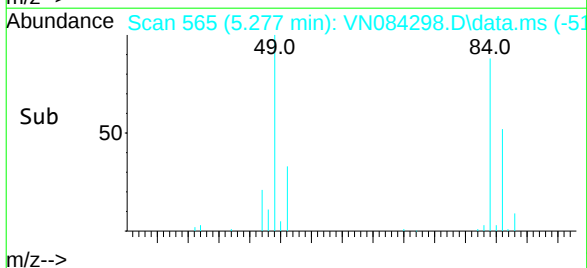
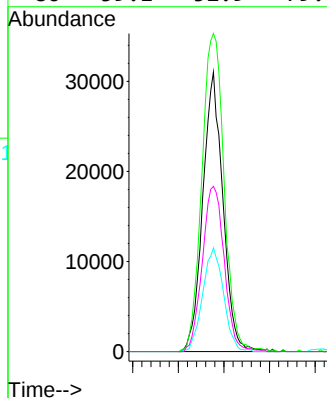
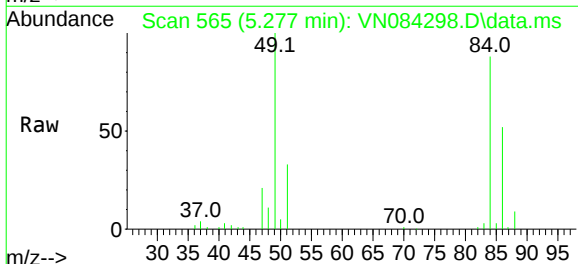
Ion Ratio Lower Upper

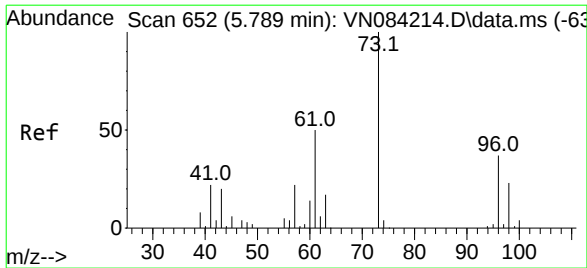
84 100

49 113.8 107.2 160.8

51 37.1 31.8 47.8

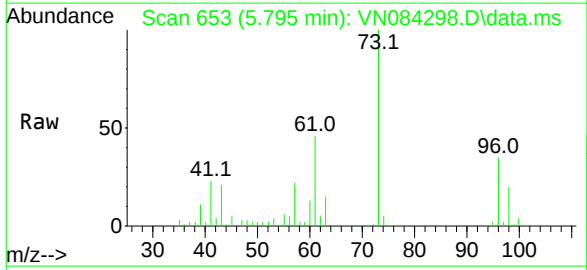
86 59.1 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 47.367 ug/l
RT: 5.795 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

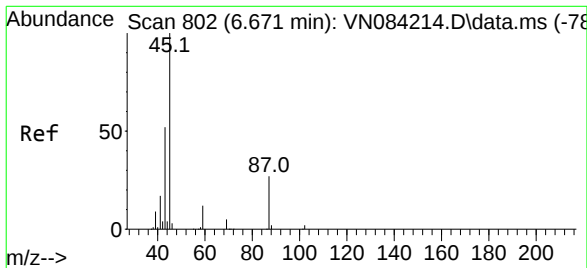
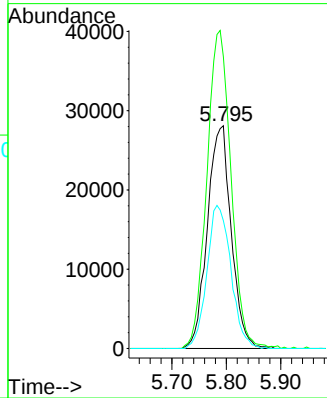
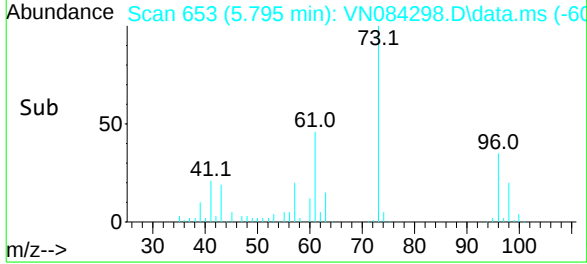
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MS



Tgt Ion: 96 Resp: 85779
Ion Ratio Lower Upper
96 100
61 131.0 108.4 162.6
98 57.4 49.8 74.8

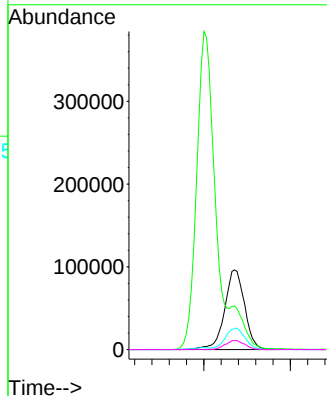
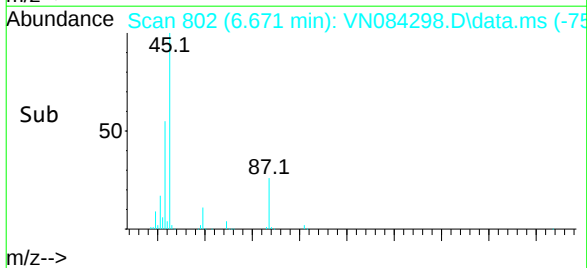
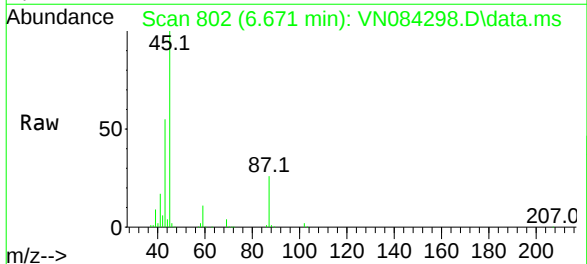
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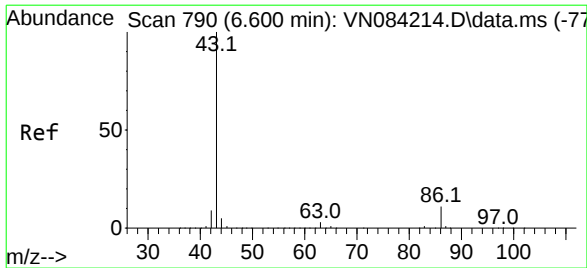
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#22
Diisopropyl ether
Concen: 49.832 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

Tgt Ion: 45 Resp: 309429
Ion Ratio Lower Upper
45 100
43 53.9 42.3 63.5
87 25.9 21.8 32.6
59 11.2 9.6 14.4





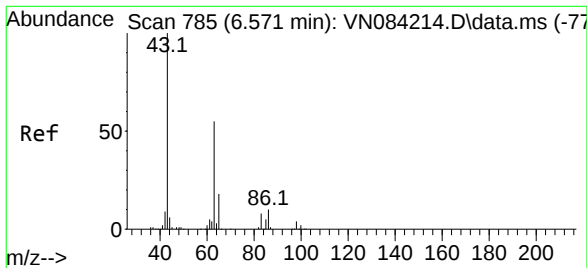
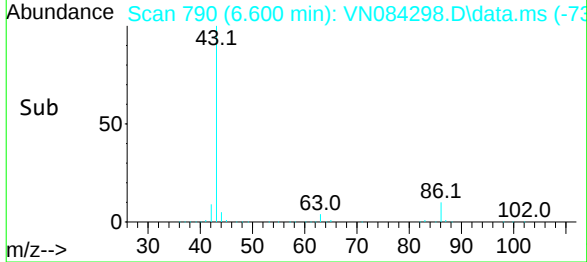
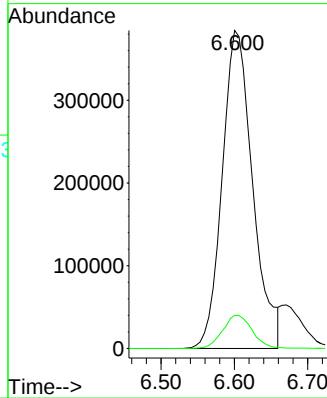
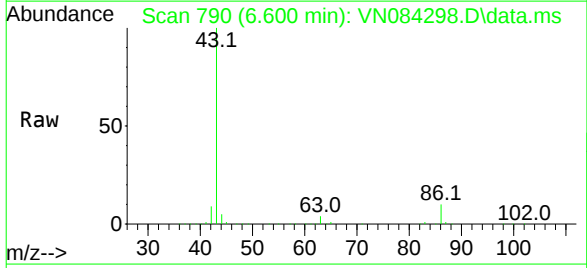
#23
 Vinyl Acetate
 Concen: 241.087 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN084298.D
 Acq: 03 Oct 2024 15:03

Instrument :
 MSVOA_N
 ClientSampleId :
 RW4-20240927MS

Tgt Ion: 43 Resp: 1110338
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.6 12.8

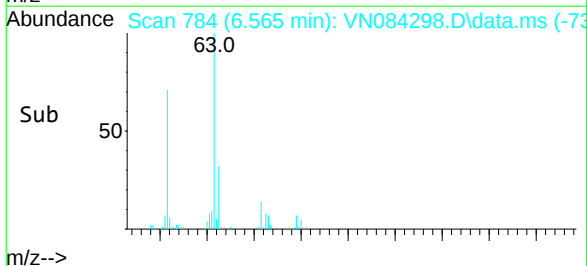
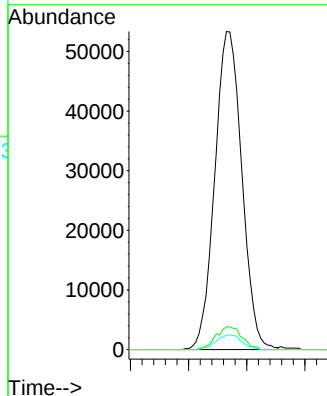
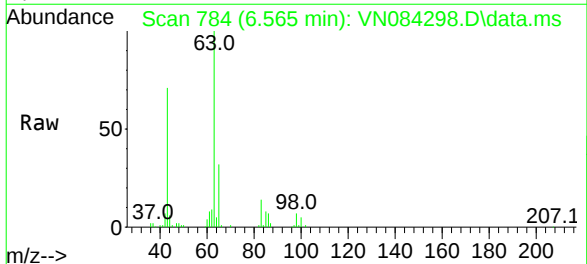
Manual Integrations
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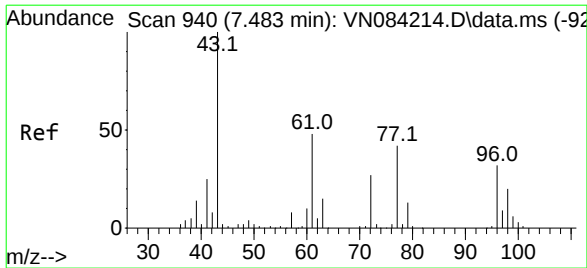
Reviewed By :John Carlone 10/04/2024
 Supervised By :Mahesh Dadoda 10/04/2024



#24
 1,1-Dichloroethane
 Concen: 49.619 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN084298.D
 Acq: 03 Oct 2024 15:03

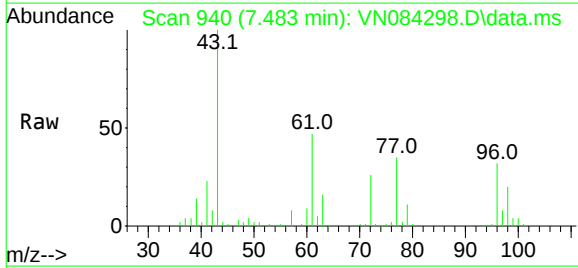
Tgt Ion: 63 Resp: 172301
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.2
 100 4.5 2.0 5.8





#25
2-Butanone
Concen: 234.695 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

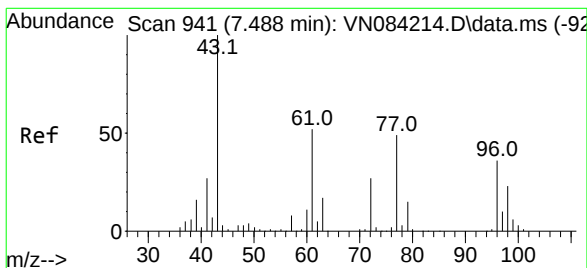
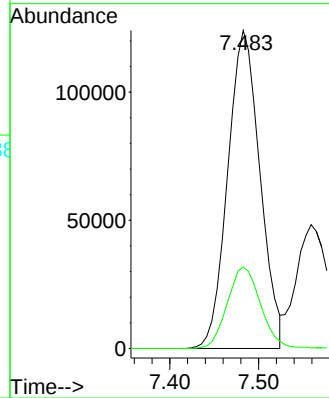
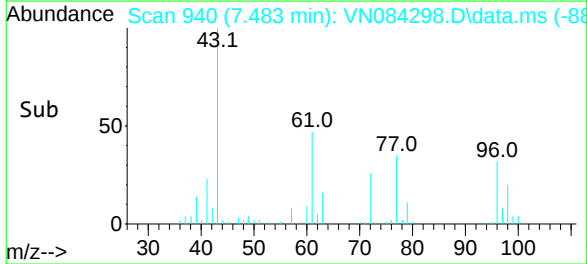
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MS



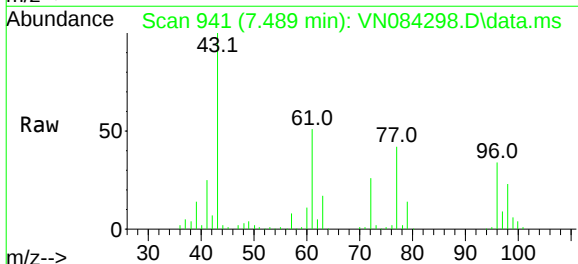
Tgt Ion: 43 Resp: 312569
Ion Ratio Lower Upper
43 100
72 25.6 21.4 32.2

Manual Integrations
APPROVED

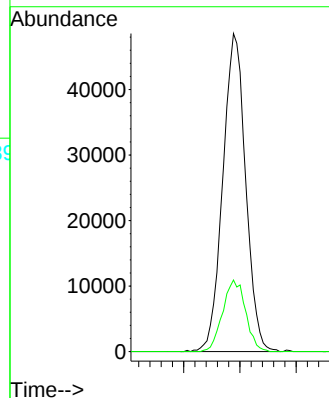
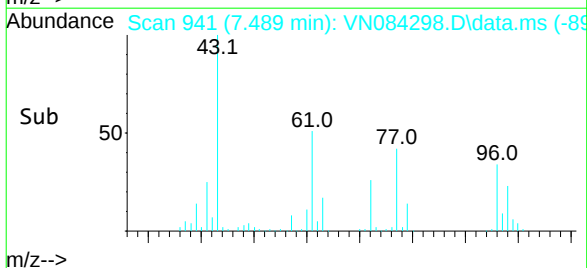
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024

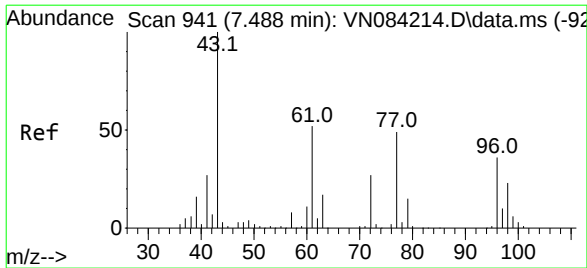


#26
2,2-Dichloropropane
Concen: 43.720 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03



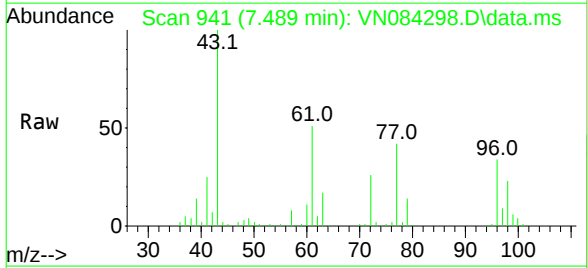
Tgt Ion: 77 Resp: 136887
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 48.609 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN084298.D
 Acq: 03 Oct 2024 15:03

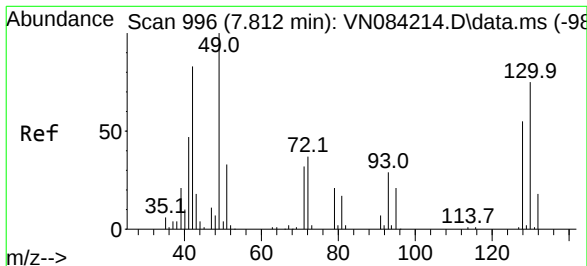
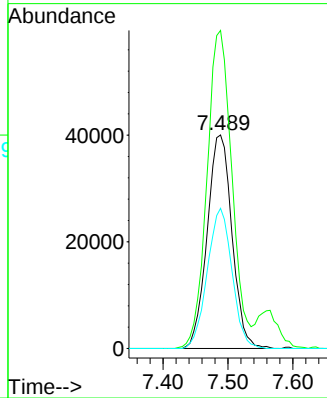
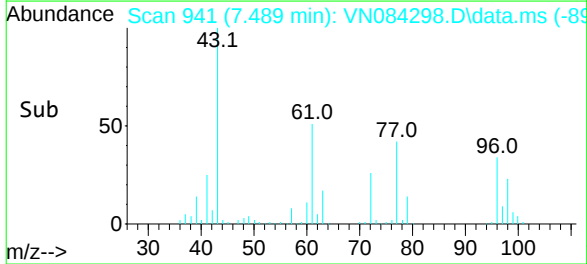
Instrument :
 MSVOA_N
 ClientSampleId :
 RW4-20240927MS



Tgt Ion: 96 Resp: 106373
 Ion Ratio Lower Upper
 96 100
 61 149.5 0.0 301.8
 98 65.2 0.0 128.2

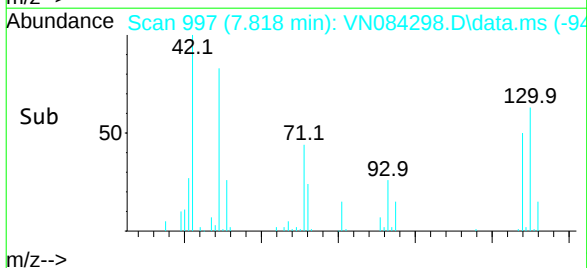
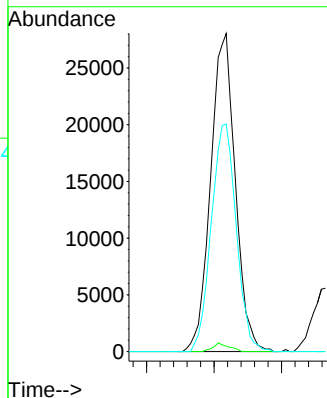
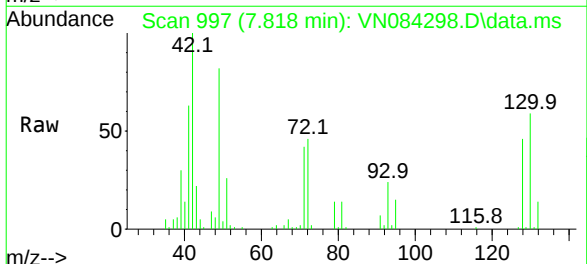
Manual Integrations
 APPROVED

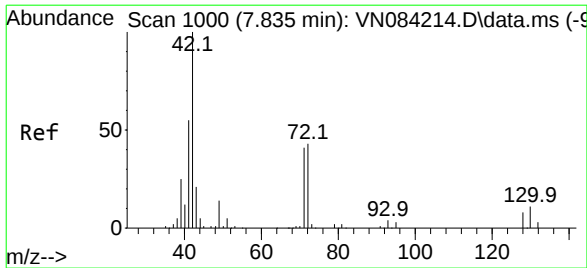
Reviewed By :John Carlone 10/04/2024
 Supervised By :Mahesh Dadoda 10/04/2024



#28
 Bromochloromethane
 Concen: 46.010 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN084298.D
 Acq: 03 Oct 2024 15:03

Tgt Ion: 49 Resp: 71286
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 72.4 58.0 87.0





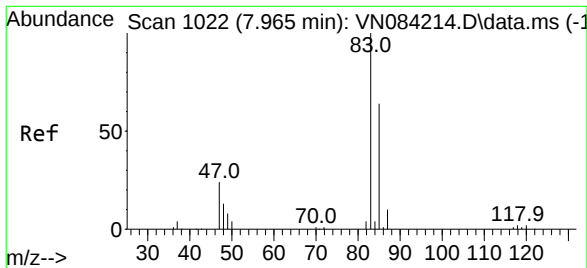
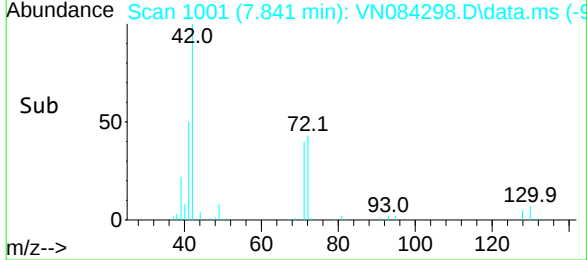
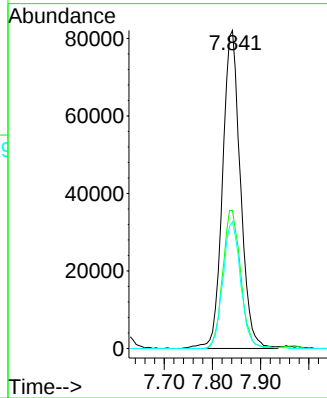
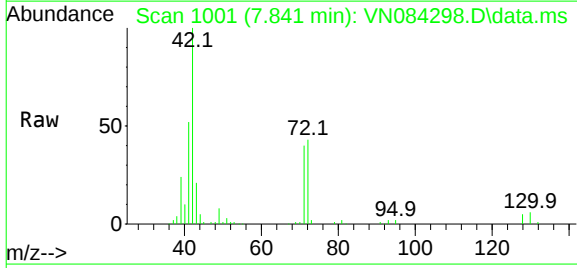
#29
Tetrahydrofuran
Concen: 256.650 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MS

Tgt Ion: 42 Resp: 210936
Ion Ratio Lower Upper
42 100
72 43.4 34.6 51.8
71 39.7 32.2 48.4

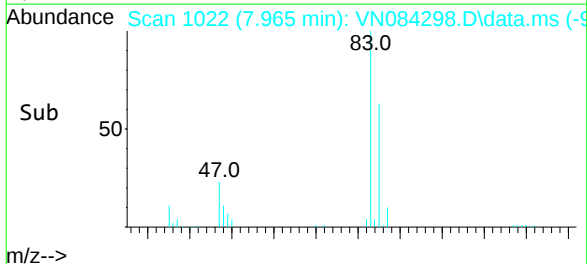
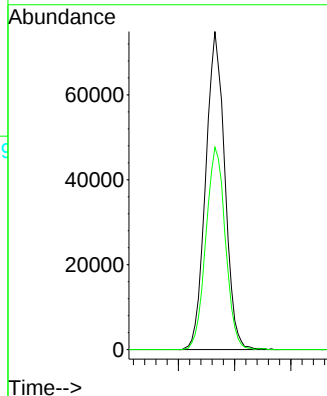
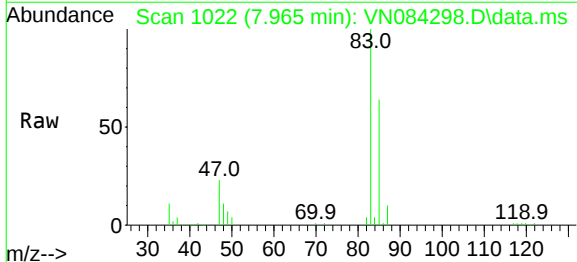
Manual Integrations
APPROVED

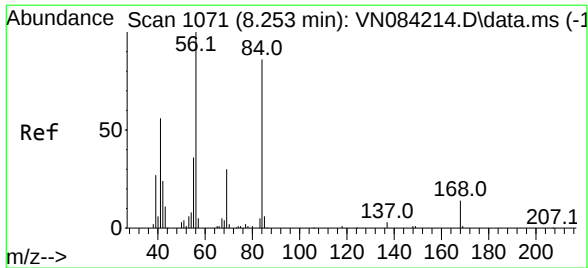
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#30
Chloroform
Concen: 49.063 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

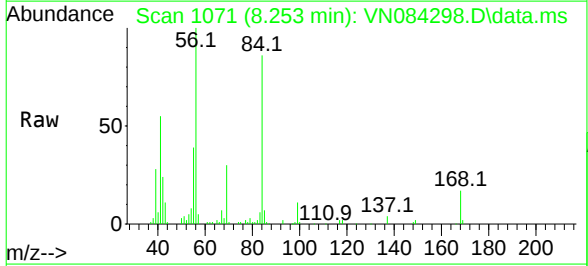
Tgt Ion: 83 Resp: 176973
Ion Ratio Lower Upper
83 100
85 63.6 51.0 76.4





#31
Cyclohexane
Concen: 43.162 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

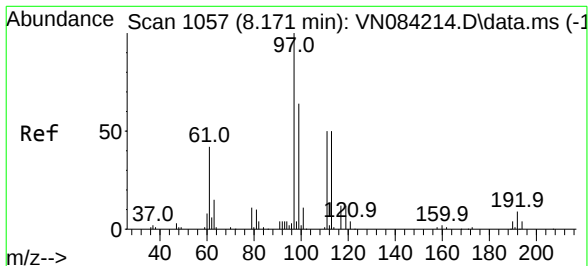
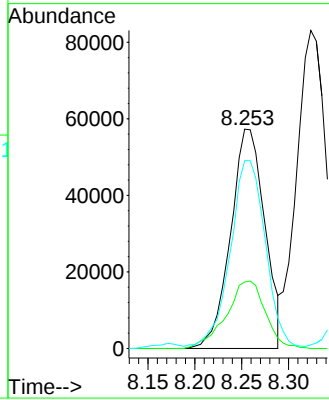
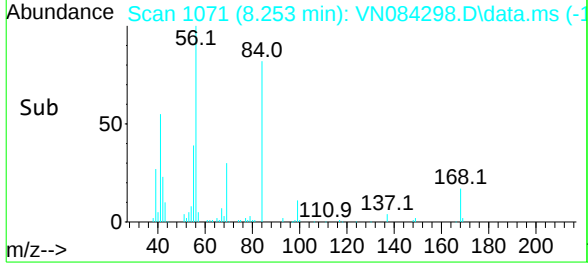
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MS



Tgt Ion: 56 Resp: 145525
Ion Ratio Lower Upper
56 100
69 30.3 23.8 35.6
84 84.2 68.8 103.2

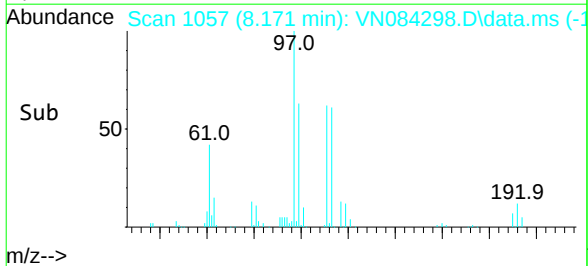
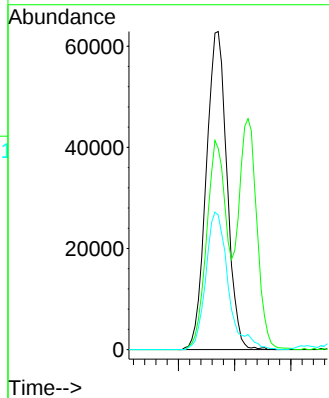
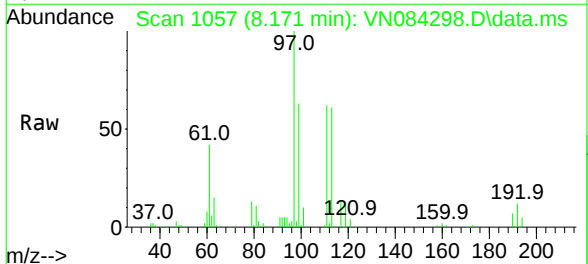
Manual Integrations
APPROVED

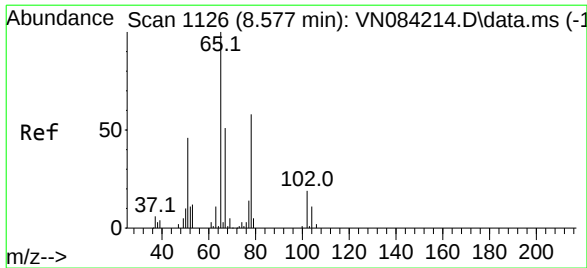
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#32
1,1,1-Trichloroethane
Concen: 49.850 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

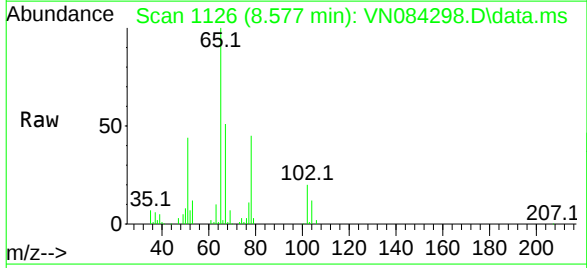
Tgt Ion: 97 Resp: 161488
Ion Ratio Lower Upper
97 100
99 62.9 51.2 76.8
61 46.7 37.5 56.3





#33
1,2-Dichloroethane-d4
Concen: 54.699 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

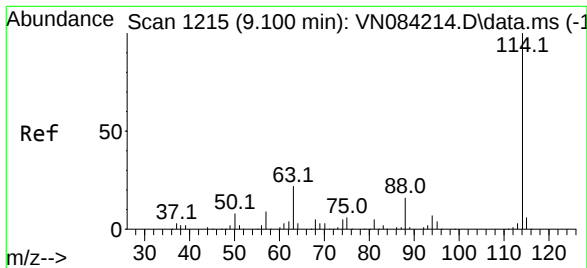
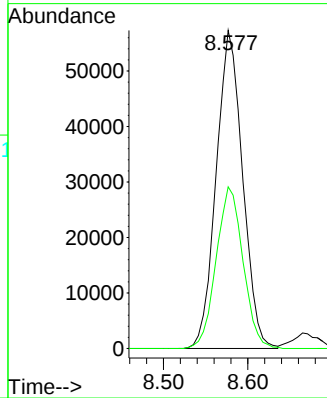
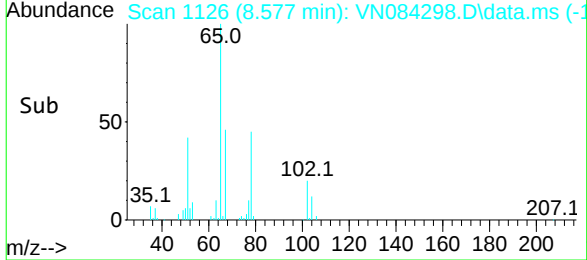
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MS



Tgt Ion: 65 Resp: 124507
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.0

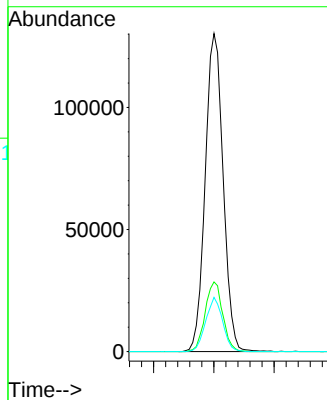
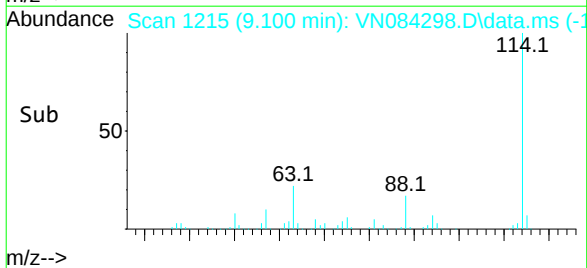
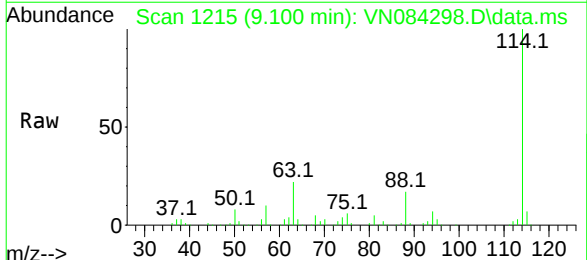
Manual Integrations
APPROVED

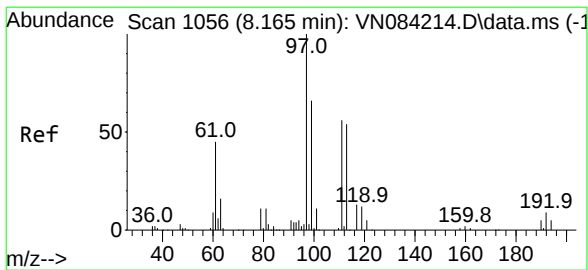
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

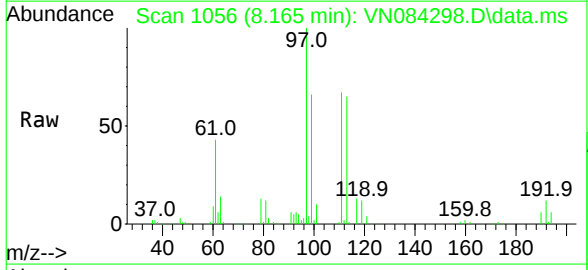
Tgt Ion:114 Resp: 269409
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.8
88 17.0 0.0 31.6





#35
 Dibromofluoromethane
 Concen: 54.637 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084298.D
 Acq: 03 Oct 2024 15:03

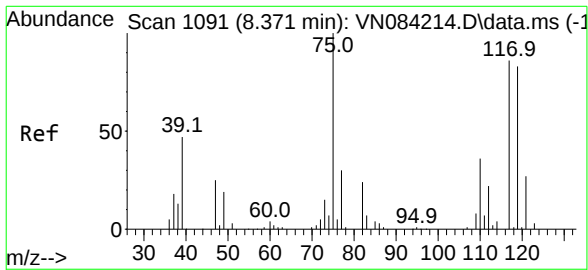
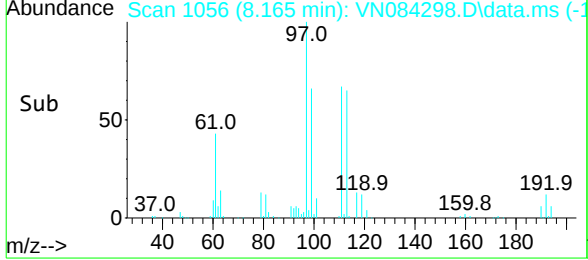
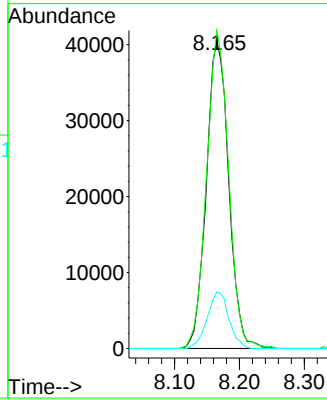
Instrument :
 MSVOA_N
 ClientSampleId :
 RW4-20240927MS



Tgt Ion:	113	Resp:	97041
Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.3	124.9
192	17.9	13.5	20.3

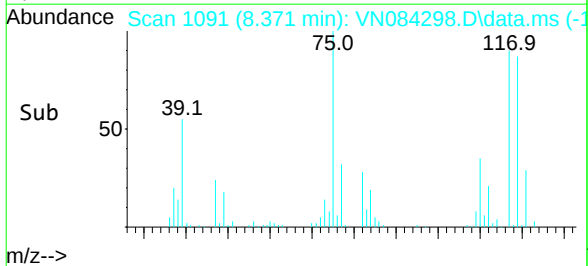
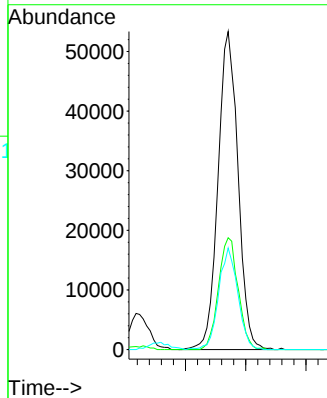
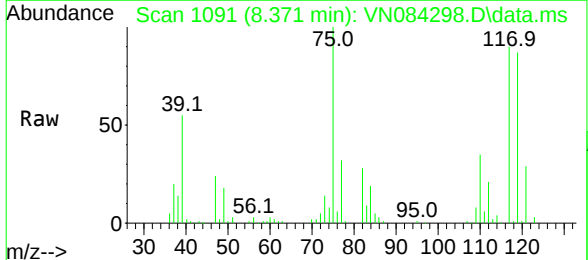
Manual Integrations
 APPROVED

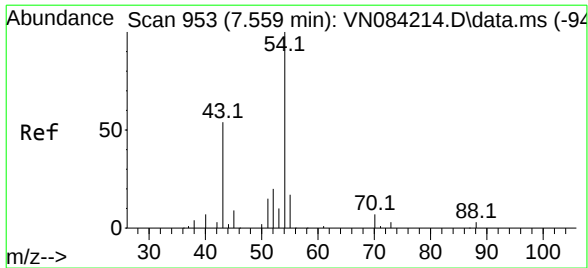
Reviewed By :John Carlone 10/04/2024
 Supervised By :Mahesh Dadoda 10/04/2024



#36
 1,1-Dichloropropene
 Concen: 47.710 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VN084298.D
 Acq: 03 Oct 2024 15:03

Tgt Ion:	75	Resp:	123086
Ion	Ratio	Lower	Upper
75	100		
110	34.5	16.9	50.7
77	30.6	24.7	37.1





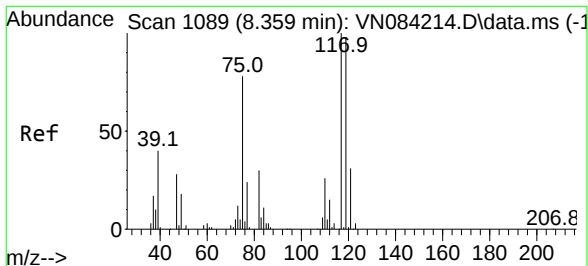
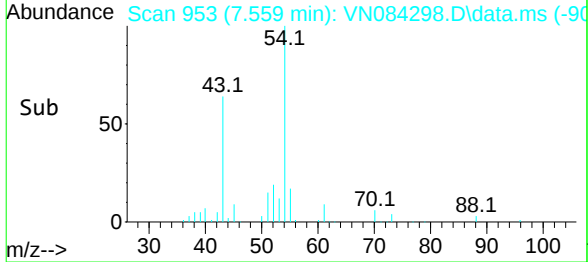
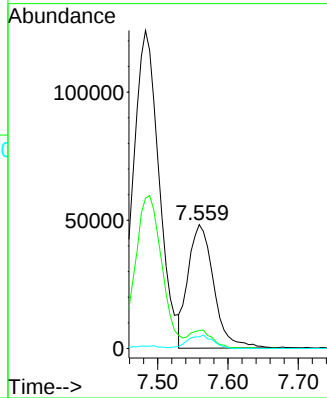
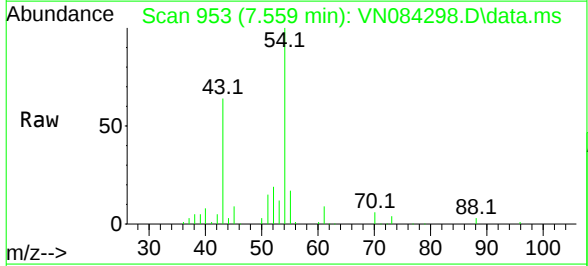
#37
Ethyl Acetate
Concen: 46.038 ug/l
RT: 7.559 min Scan# 951
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MS

Tgt Ion:	43	Resp:	121851
Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.7	16.1
70	10.7	8.8	13.2

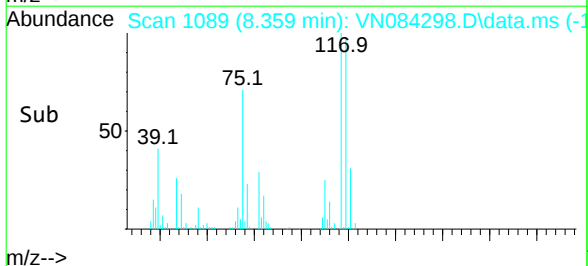
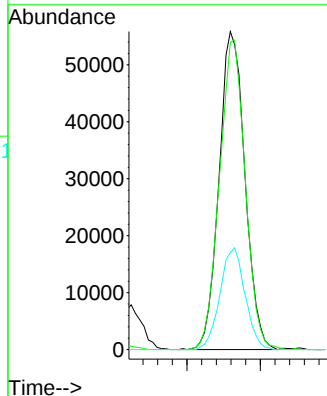
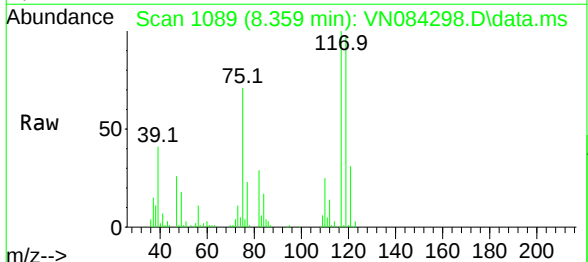
Manual Integrations
APPROVED

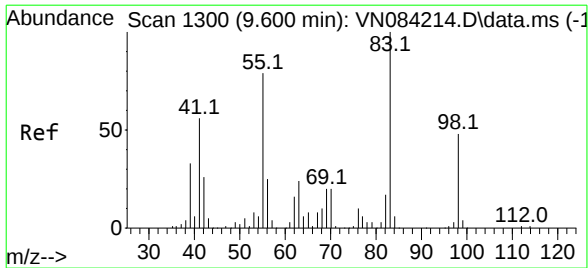
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#38
Carbon Tetrachloride
Concen: 48.240 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

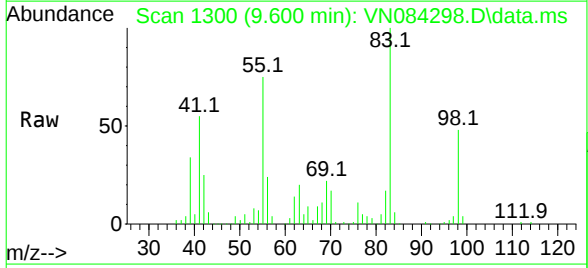
Tgt Ion:	117	Resp:	136519
Ion	Ratio	Lower	Upper
117	100		
119	96.7	78.7	118.1
121	30.5	24.4	36.6





#39
Methylcyclohexane
Concen: 48.345 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

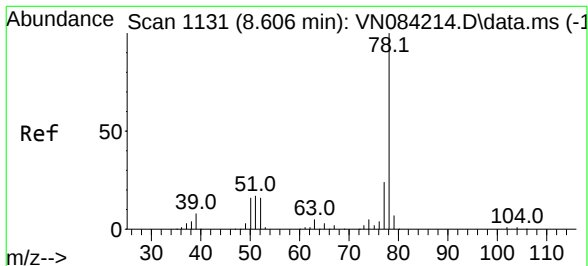
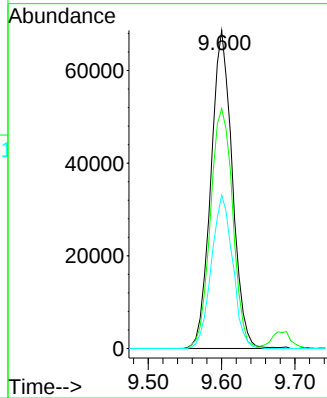
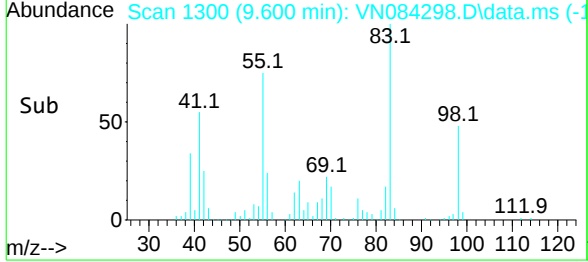
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MS



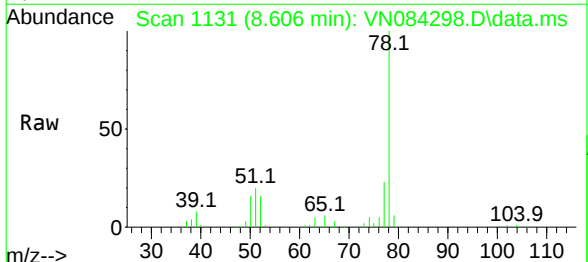
Tgt Ion: 83 Resp: 138813
Ion Ratio Lower Upper
83 100
55 75.4 62.8 94.2
98 48.3 38.8 58.2

Manual Integrations
APPROVED

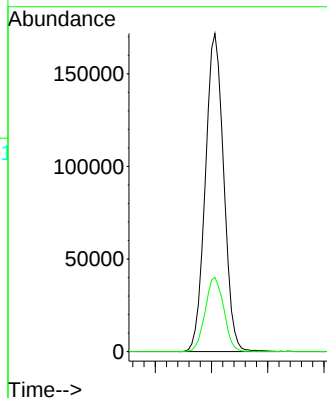
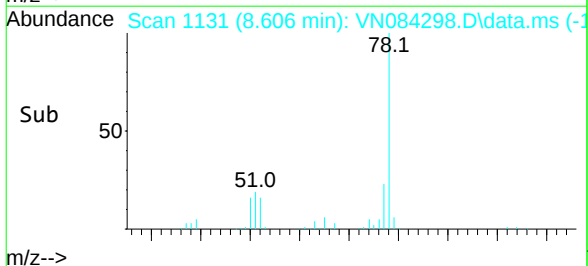
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024

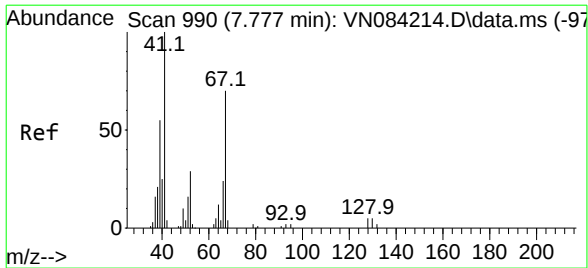


#40
Benzene
Concen: 48.550 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03



Tgt Ion: 78 Resp: 390245
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7





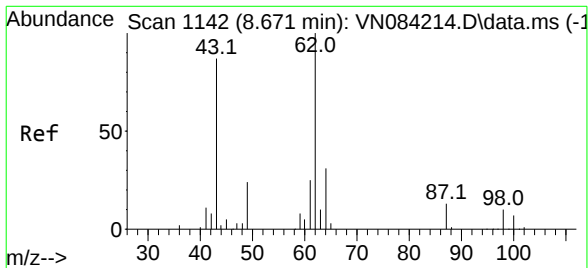
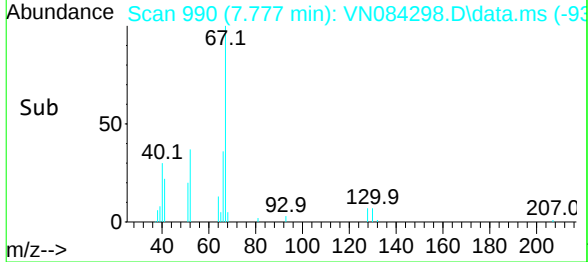
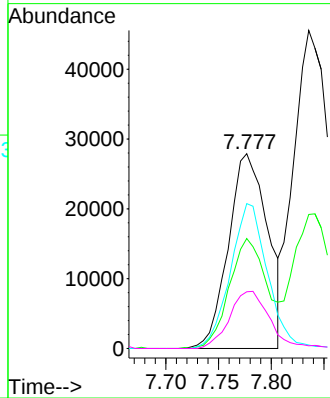
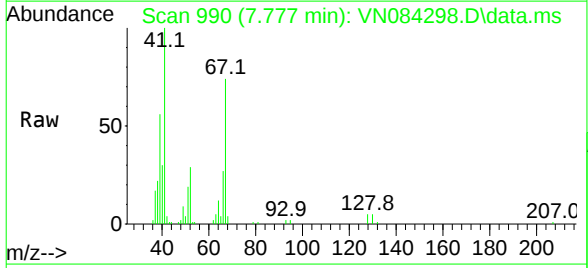
#41
Methacrylonitrile
Concen: 50.261 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MS

Tgt Ion:	41	Resp:	72219
Ion	Ratio	Lower	Upper
41	100		
39	53.8	43.3	64.9
67	70.3	56.1	84.1
52	30.1	24.5	36.7

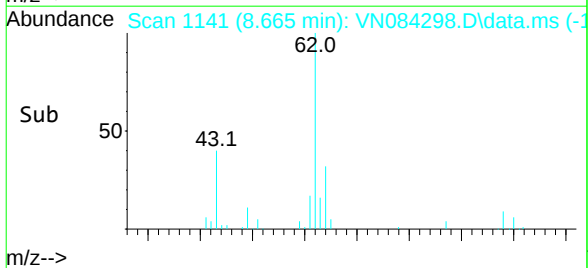
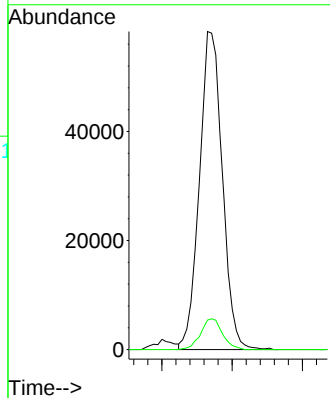
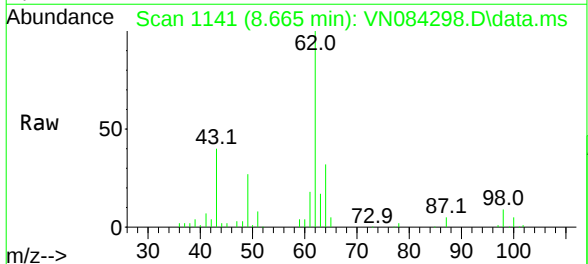
Manual Integrations
APPROVED

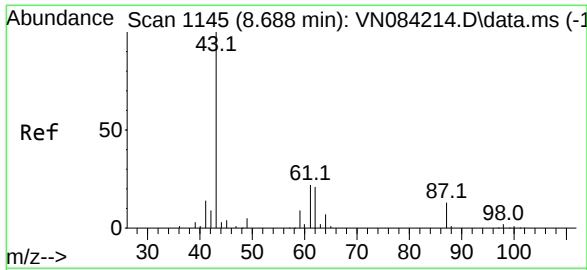
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#42
1,2-Dichloroethane
Concen: 48.444 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

Tgt Ion:	62	Resp:	132010
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.2





#43

Isopropyl Acetate

Concen: 40.646 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084298.D

Acq: 03 Oct 2024 15:03

Instrument :

MSVOA_N

ClientSampleId :

RW4-20240927MS

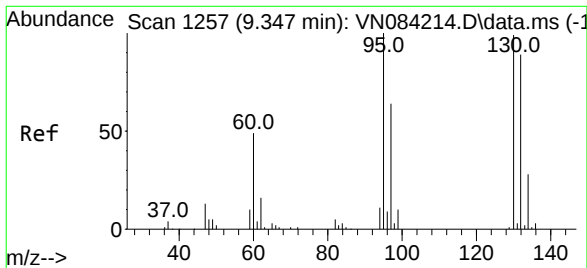
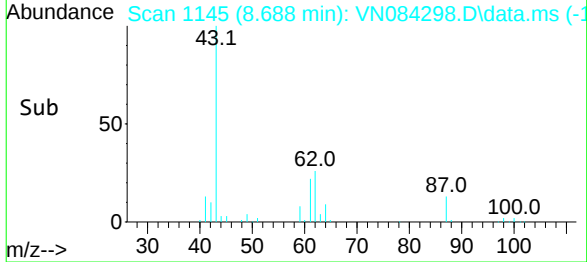
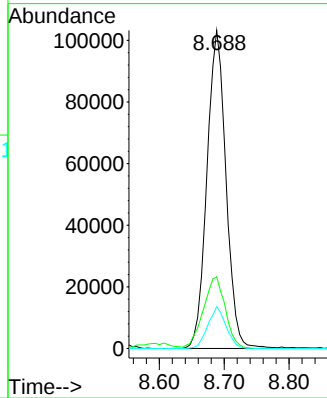
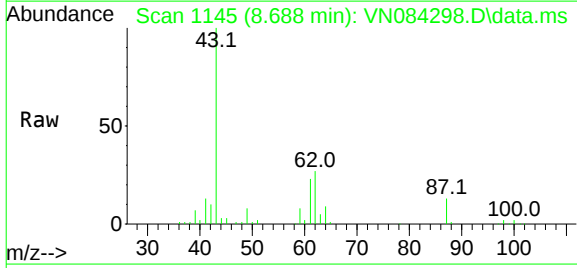
Tgt Ion:	43	Resp:	210713
Ion	Ratio	Lower	Upper
43	100		
61	26.0	20.4	30.6
87	12.5	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#44

Trichloroethene

Concen: 475.636 ug/l

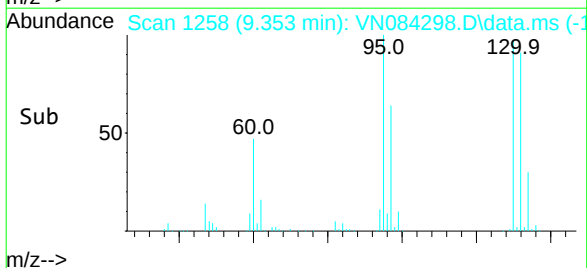
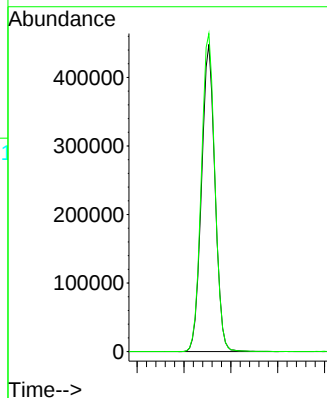
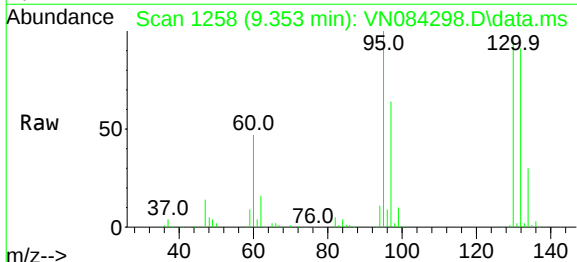
RT: 9.353 min Scan# 1258

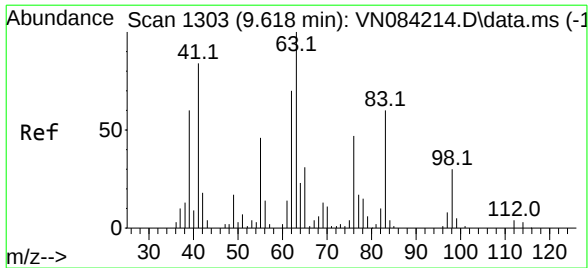
Delta R.T. 0.006 min

Lab File: VN084298.D

Acq: 03 Oct 2024 15:03

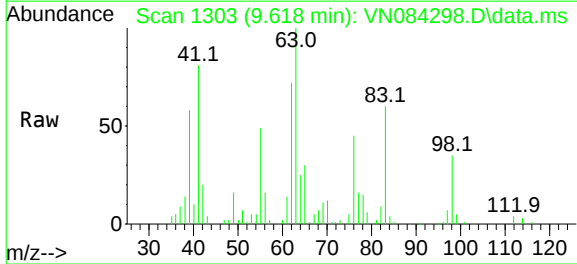
Tgt Ion:	130	Resp:	892936
Ion	Ratio	Lower	Upper
130	100		
95	103.5	0.0	203.0





#45
1,2-Dichloropropane
Concen: 49.819 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

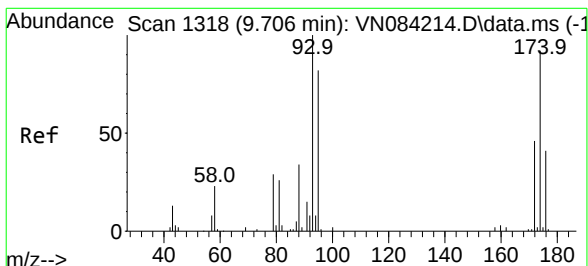
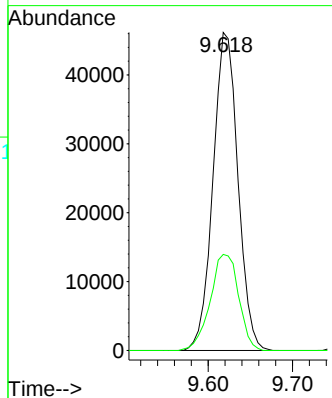
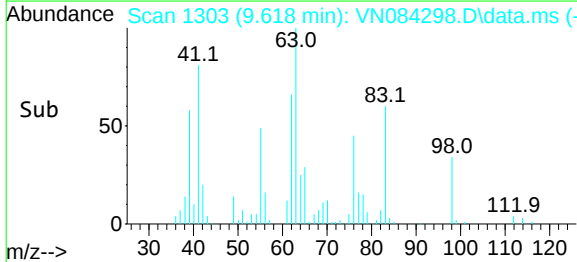
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MS



Tgt Ion: 63 Resp: 94730
Ion Ratio Lower Upper
63 100
65 30.2 24.6 37.0

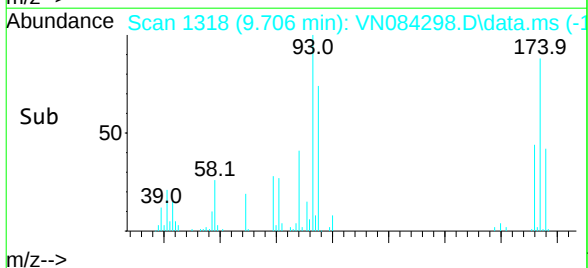
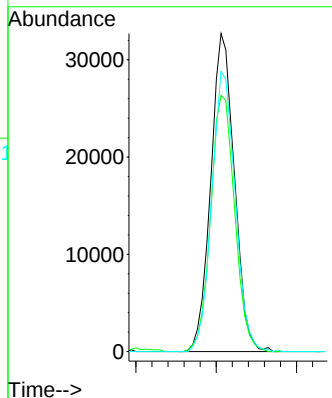
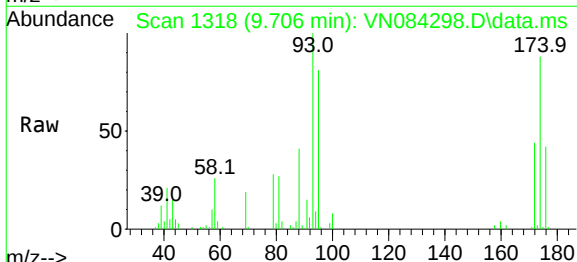
Manual Integrations
APPROVED

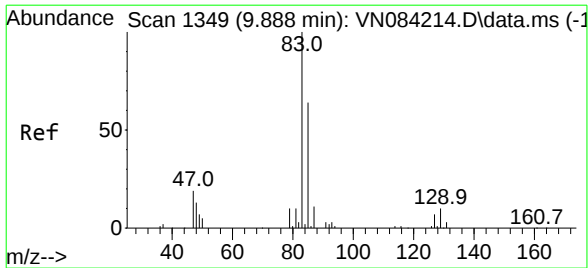
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#46
Dibromomethane
Concen: 52.048 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

Tgt Ion: 93 Resp: 66788
Ion Ratio Lower Upper
93 100
95 82.0 65.0 97.4
174 87.8 71.8 107.8





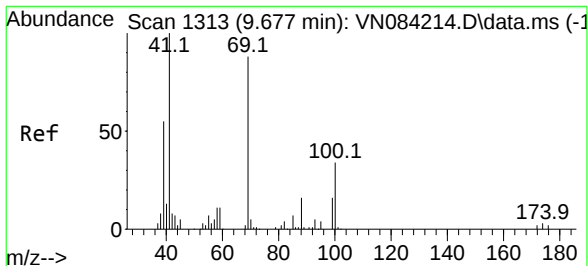
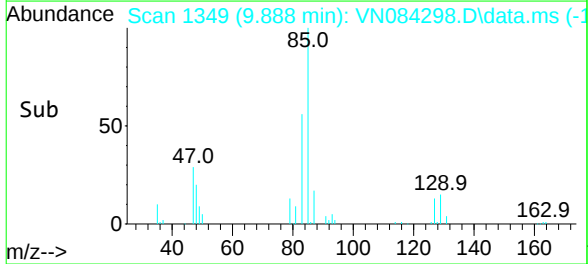
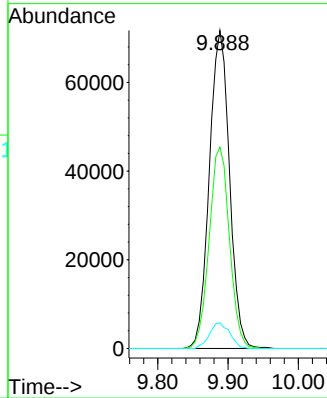
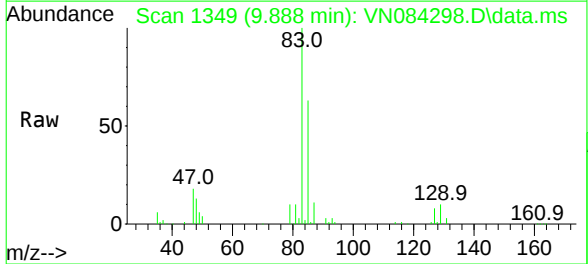
#47
Bromodichloromethane
Concen: 50.127 ug/l
RT: 9.888 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MS

Tgt Ion: 83 Resp: 142906
Ion Ratio Lower Upper
83 100
85 63.3 51.5 77.3
127 8.1 5.7 8.5

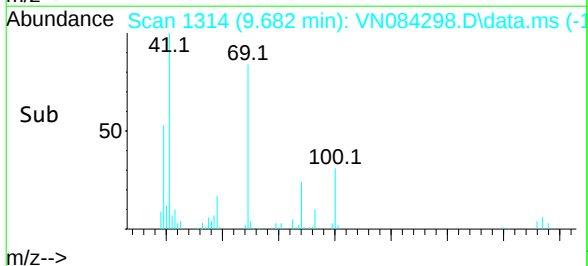
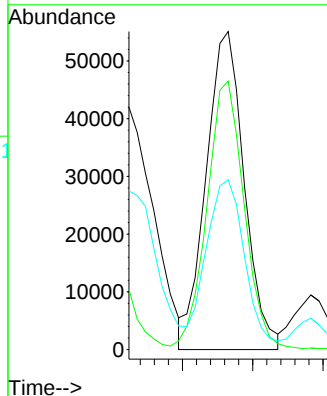
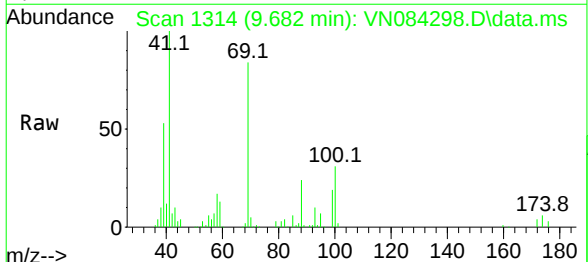
Manual Integrations
APPROVED

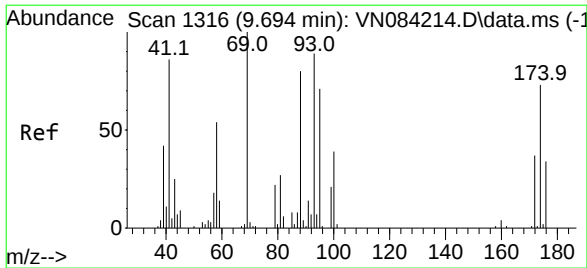
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#48
Methyl methacrylate
Concen: 50.294 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

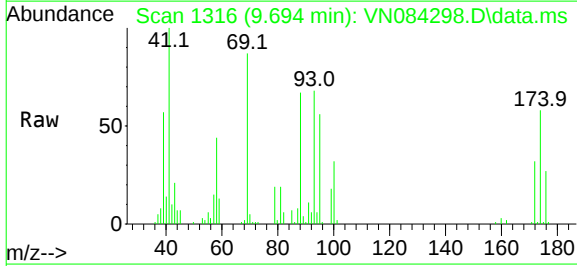
Tgt Ion: 41 Resp: 103790
Ion Ratio Lower Upper
41 100
69 82.9 67.1 100.7
39 54.1 45.8 68.6





#49
1,4-Dioxane
Concen: 1054.712 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

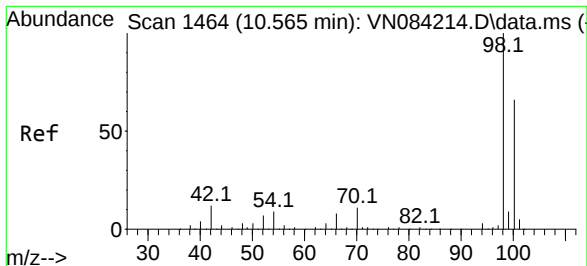
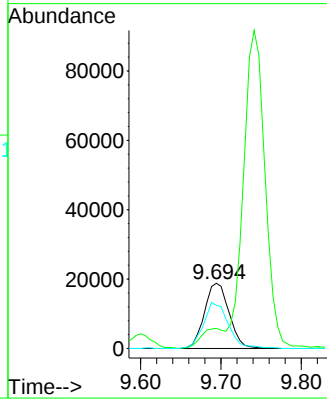
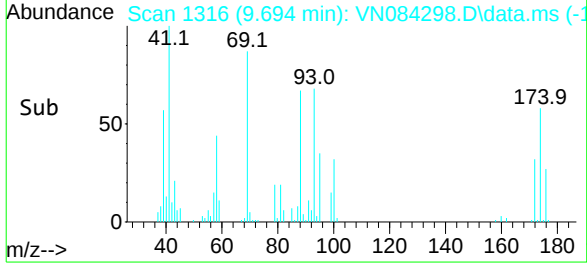
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MS



Tgt Ion: 88 Resp: 40071
Ion Ratio Lower Upper
88 100
43 30.3 25.3 37.9
58 71.6 56.4 84.6

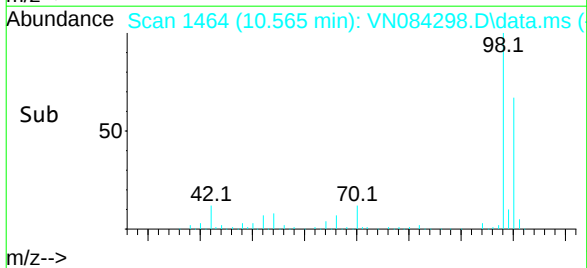
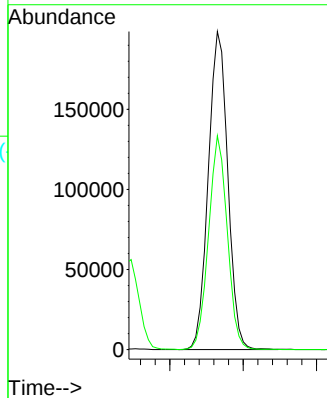
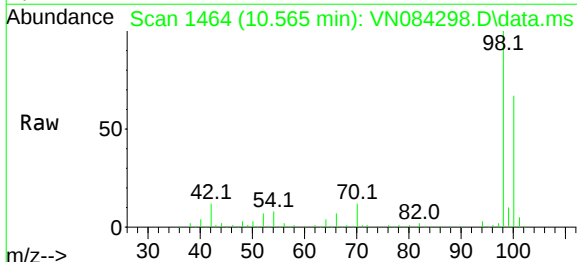
Manual Integrations
APPROVED

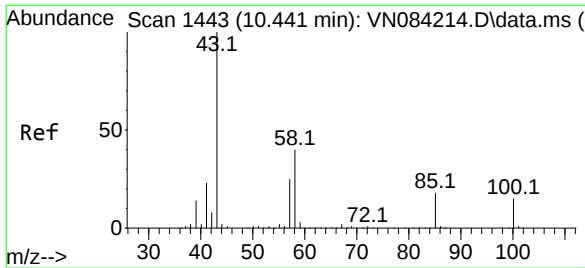
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#50
Toluene-d8
Concen: 56.156 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

Tgt Ion: 98 Resp: 366949
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1





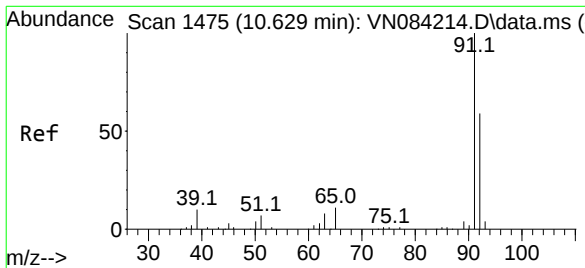
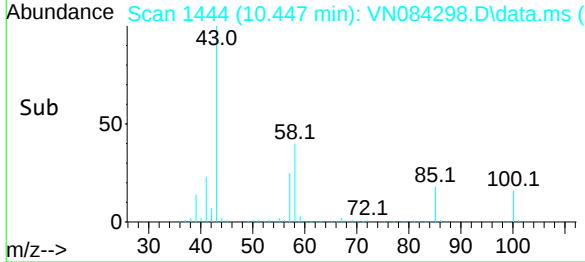
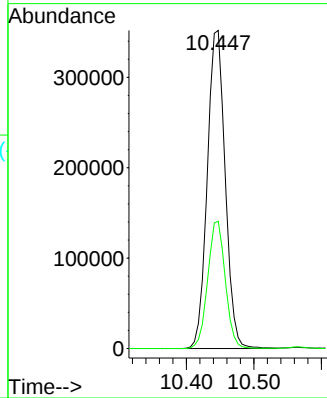
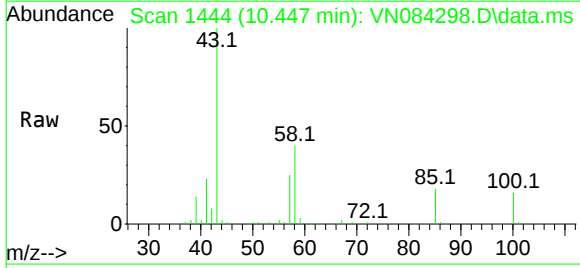
#51
4-Methyl-2-Pentanone
Concen: 257.422 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MS

Tgt Ion: 43 Resp: 648591
Ion Ratio Lower Upper
43 100
58 39.2 31.6 47.4

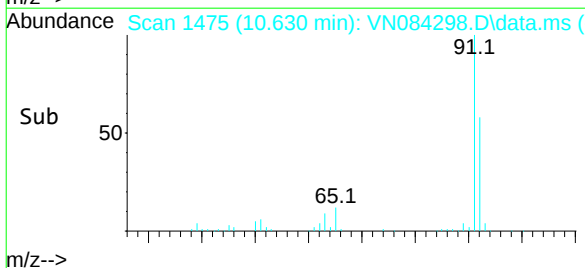
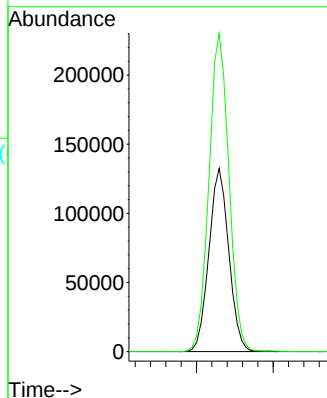
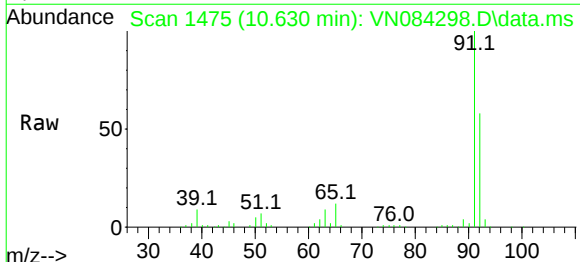
Manual Integrations
APPROVED

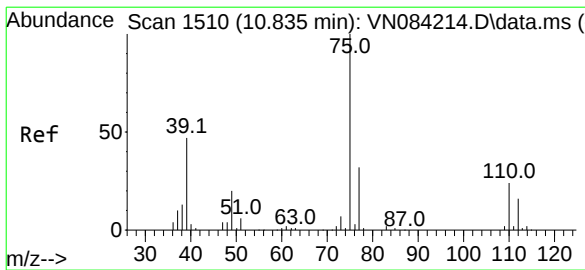
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#52
Toluene
Concen: 48.668 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

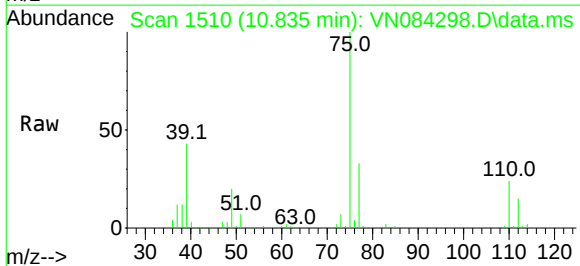
Tgt Ion: 92 Resp: 238550
Ion Ratio Lower Upper
92 100
91 174.8 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 48.613 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

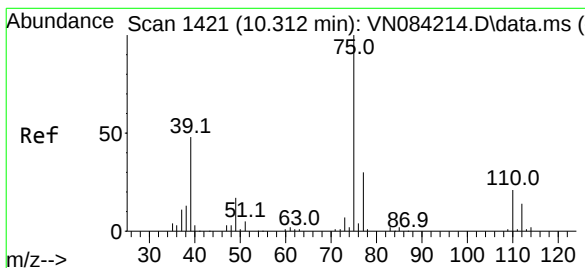
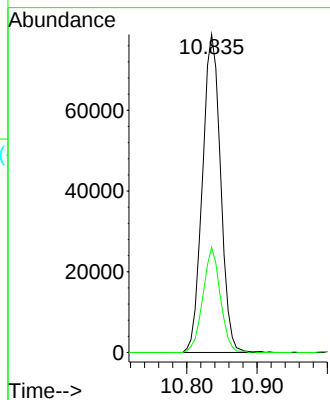
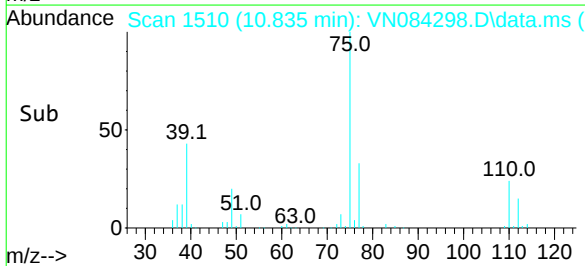
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MS



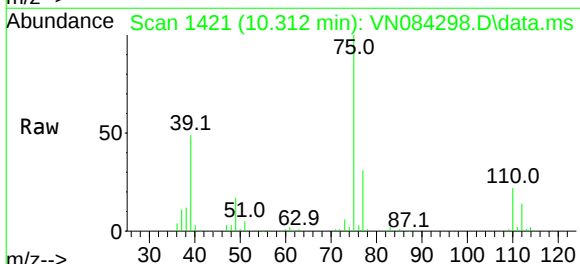
Tgt Ion: 75 Resp: 141276
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.0

Manual Integrations
APPROVED

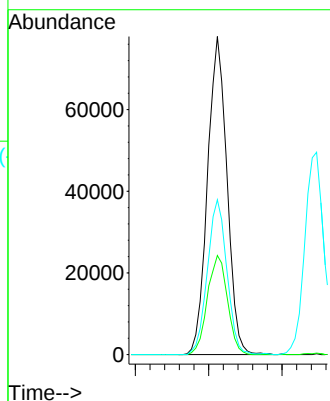
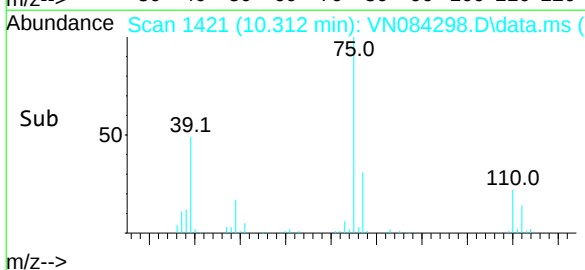
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024

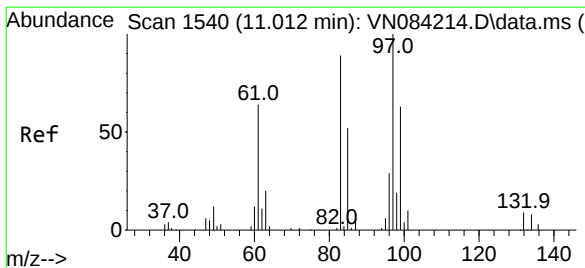


#54
cis-1,3-Dichloropropene
Concen: 46.012 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03



Tgt Ion: 75 Resp: 143822
Ion Ratio Lower Upper
75 100
77 31.1 24.2 36.2
39 48.7 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 49.923 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. 0.000 min

Lab File: VN084298.D

Acq: 03 Oct 2024 15:03

Instrument :

MSVOA_N

ClientSampleId :

RW4-20240927MS

Tgt Ion: 97 Resp: 87723

Ion Ratio Lower Upper

97 100

83 88.4 71.0 106.4

85 57.0 41.7 62.5

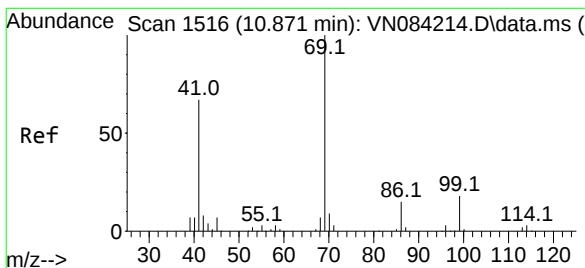
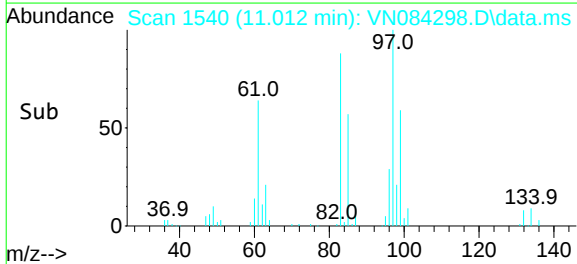
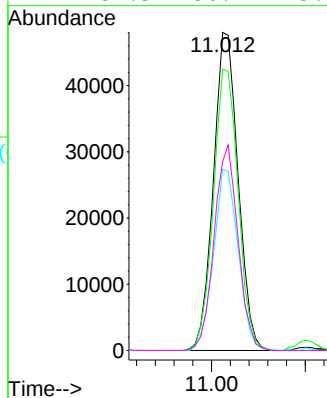
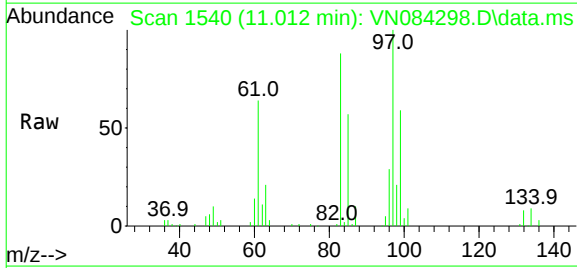
99 59.3 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#56

Ethyl methacrylate

Concen: 50.099 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN084298.D

Acq: 03 Oct 2024 15:03

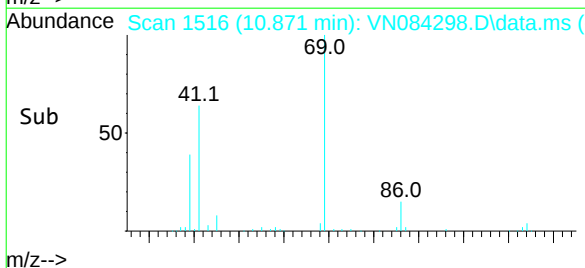
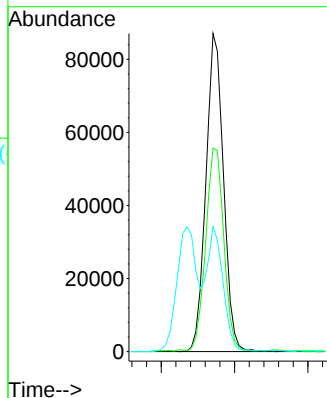
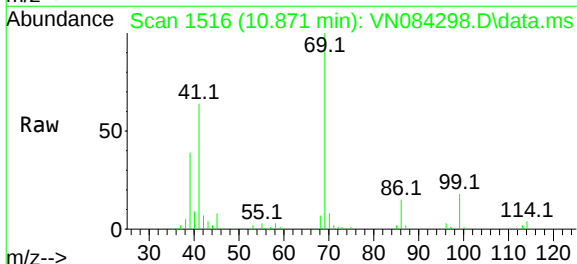
Tgt Ion: 69 Resp: 144855

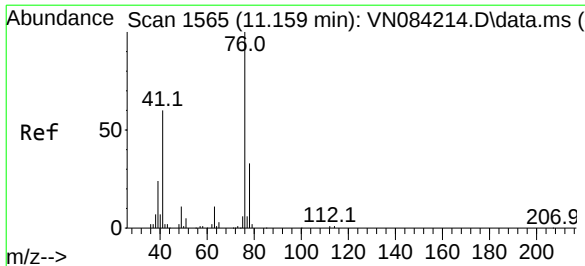
Ion Ratio Lower Upper

69 100

41 66.9 53.3 79.9

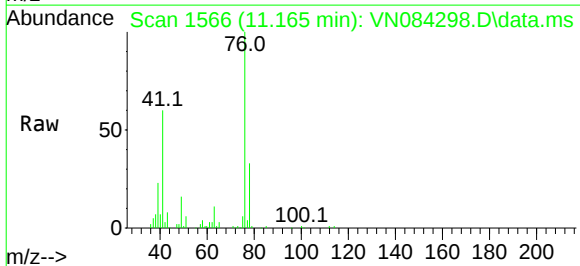
39 37.0 28.8 43.2





#57
1,3-Dichloropropane
Concen: 48.606 ug/l
RT: 11.165 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

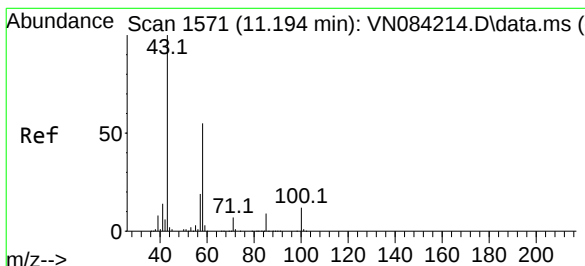
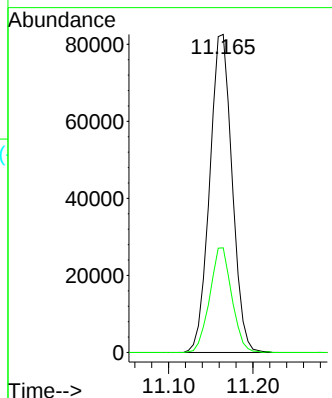
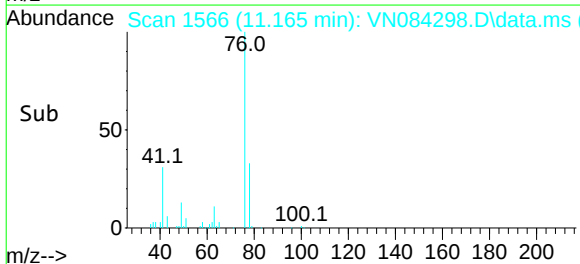
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MS



Tgt Ion: 76 Resp: 152614
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.6

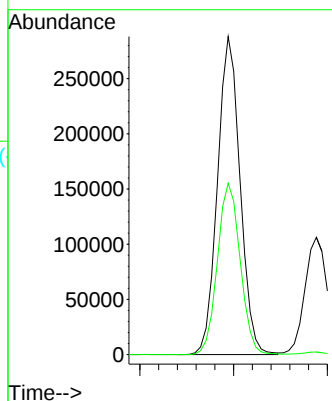
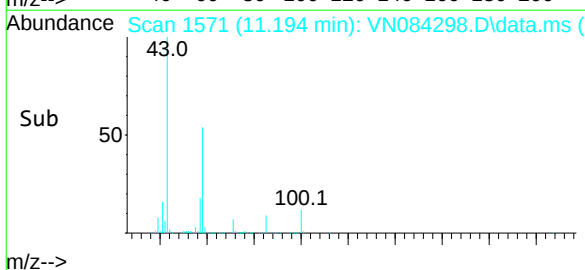
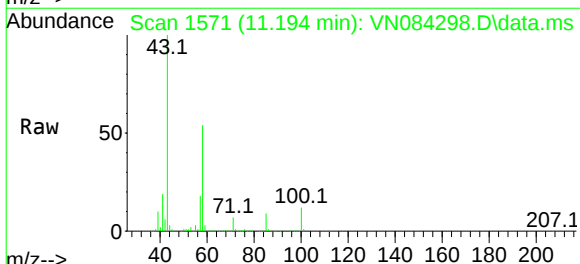
Manual Integrations
APPROVED

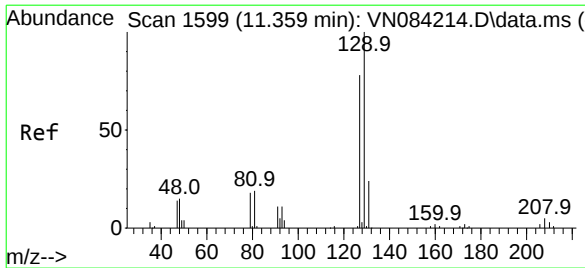
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#59
2-Hexanone
Concen: 256.286 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

Tgt Ion: 43 Resp: 482628
Ion Ratio Lower Upper
43 100
58 54.2 27.3 81.8





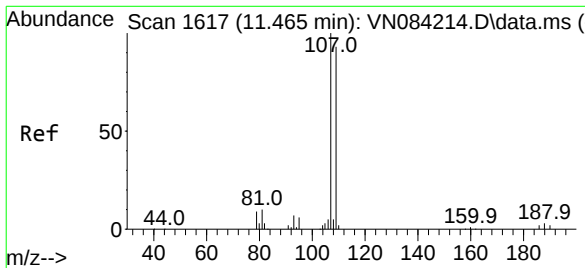
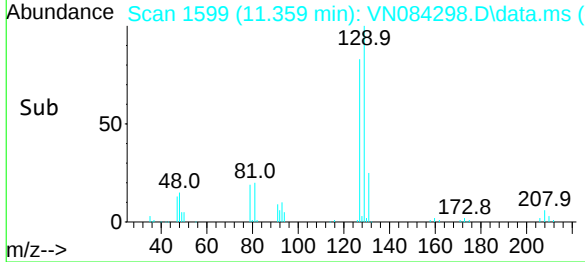
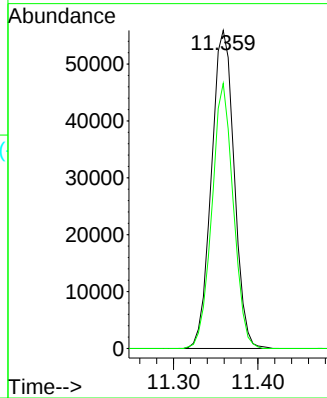
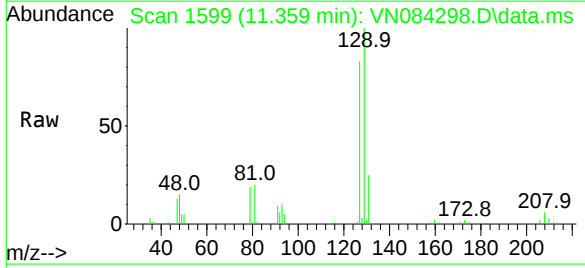
#60
 Dibromochloromethane
 Concen: 50.471 ug/l
 RT: 11.359 min Scan# 1599
 Delta R.T. 0.000 min
 Lab File: VN084298.D
 Acq: 03 Oct 2024 15:03

Instrument :
 MSVOA_N
 ClientSampleId :
 RW4-20240927MS

Tgt Ion:129 Resp: 104786
 Ion Ratio Lower Upper
 129 100
 127 78.2 38.3 114.9

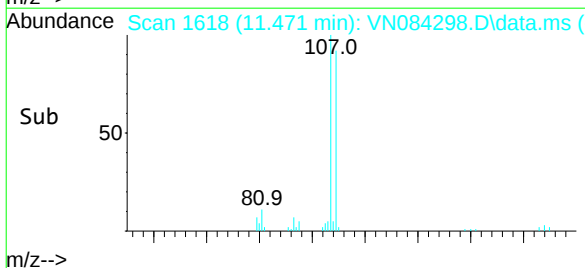
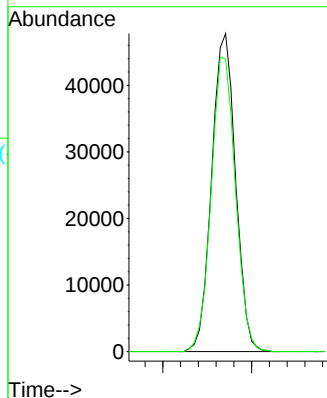
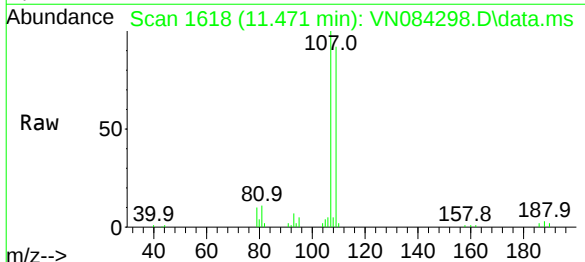
Manual Integrations
 APPROVED

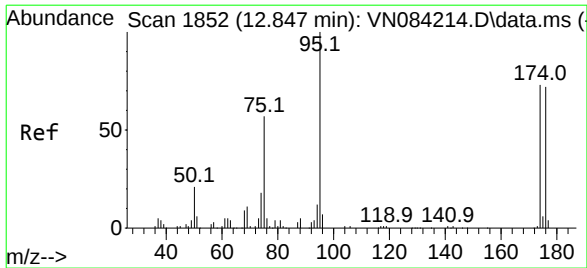
Reviewed By :John Carlone 10/04/2024
 Supervised By :Mahesh Dadoda 10/04/2024



#61
 1,2-Dibromoethane
 Concen: 48.728 ug/l
 RT: 11.471 min Scan# 1618
 Delta R.T. 0.006 min
 Lab File: VN084298.D
 Acq: 03 Oct 2024 15:03

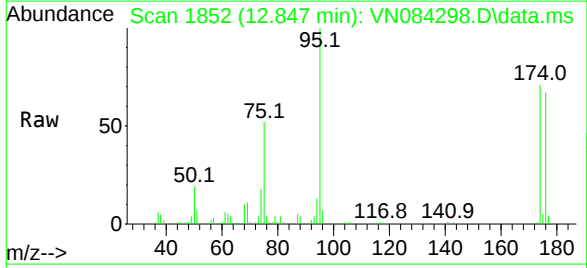
Tgt Ion:107 Resp: 88970
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.4 113.0





#62
4-Bromofluorobenzene
Concen: 56.438 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

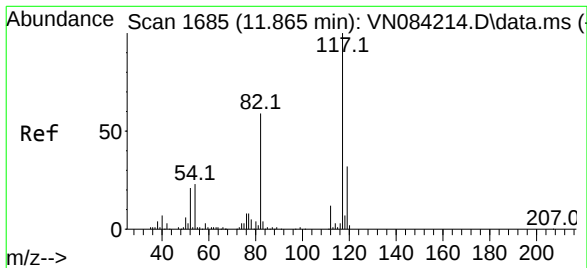
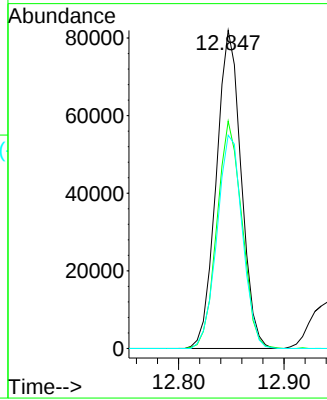
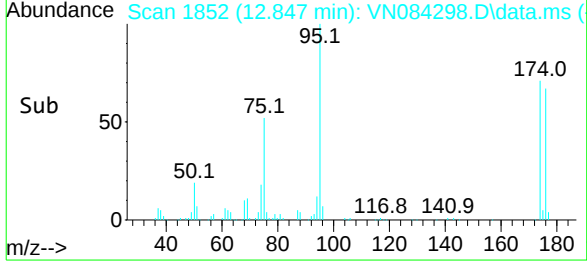
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MS



Tgt Ion: 95 Resp: 134355
Ion Ratio Lower Upper
95 100
174 71.7 0.0 145.2
176 68.7 0.0 140.0

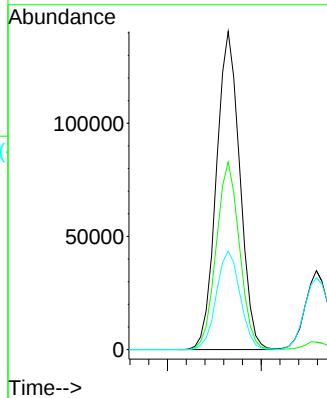
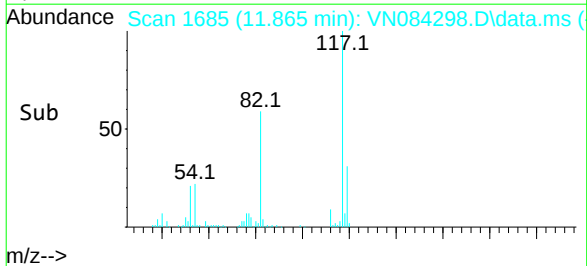
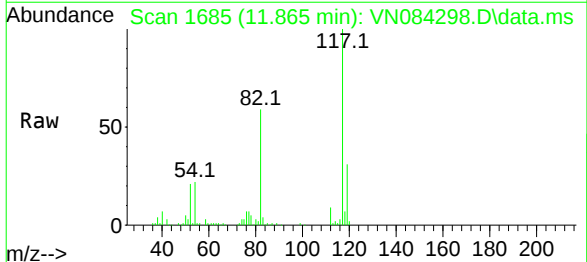
Manual Integrations
APPROVED

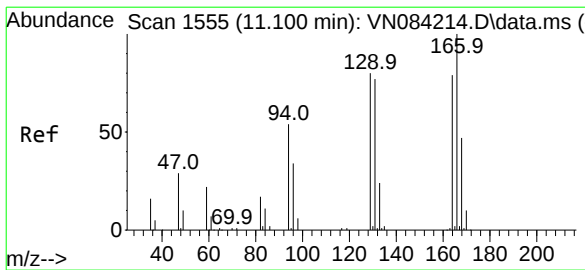
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

Tgt Ion:117 Resp: 244186
Ion Ratio Lower Upper
117 100
82 59.0 47.2 70.8
119 31.0 25.4 38.0





#64

Tetrachloroethene

Concen: 51.392 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN084298.D

Acq: 03 Oct 2024 15:03

Instrument :

MSVOA_N

ClientSampleId :

RW4-20240927MS

Tgt Ion:164 Resp: 87407

Ion Ratio Lower Upper

164 100

166 128.5 101.0 151.4

129 104.7 80.8 121.2

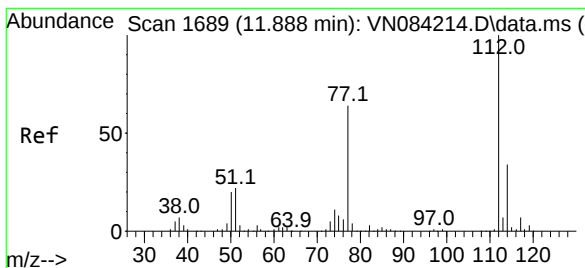
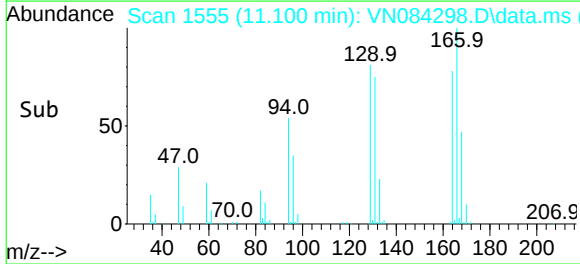
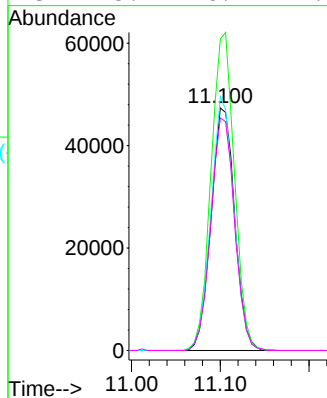
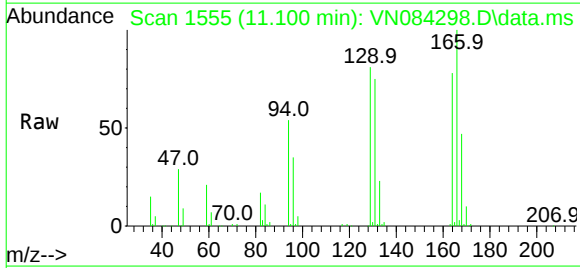
131 95.9 78.1 117.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#65

Chlorobenzene

Concen: 46.892 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN084298.D

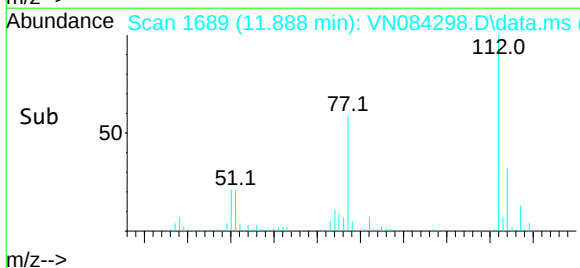
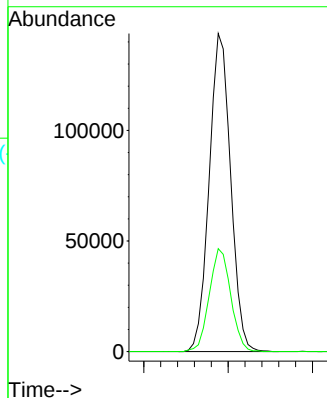
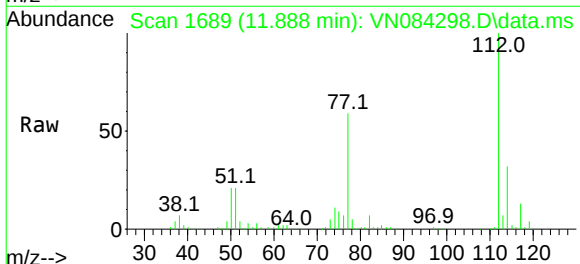
Acq: 03 Oct 2024 15:03

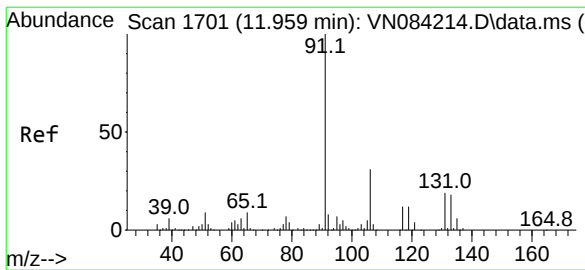
Tgt Ion:112 Resp: 253880

Ion Ratio Lower Upper

112 100

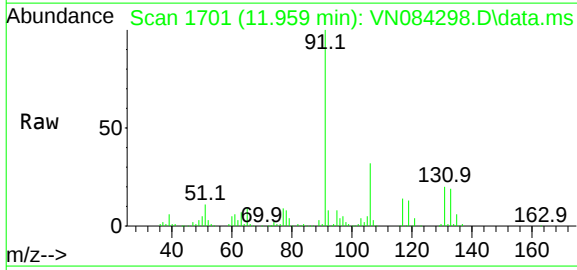
114 32.4 27.0 40.6





#66
1,1,1,2-Tetrachloroethane
Concen: 47.715 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

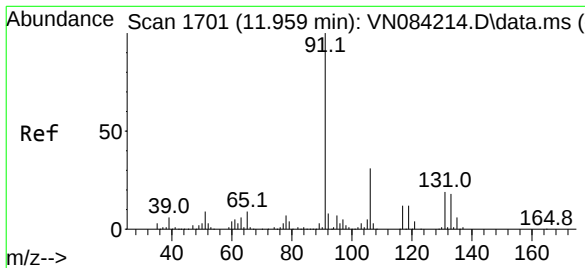
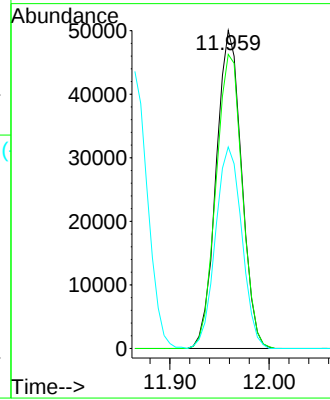
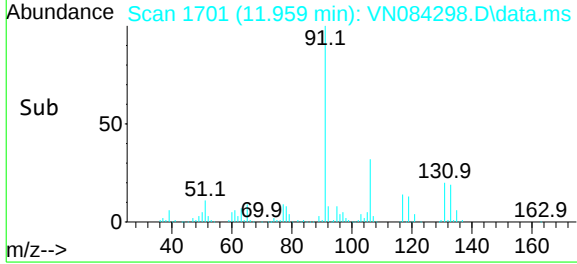
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MS



Tgt Ion: 131 Resp: 88982
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.7
119 65.8 32.8 98.3

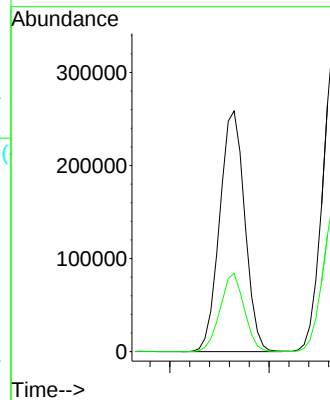
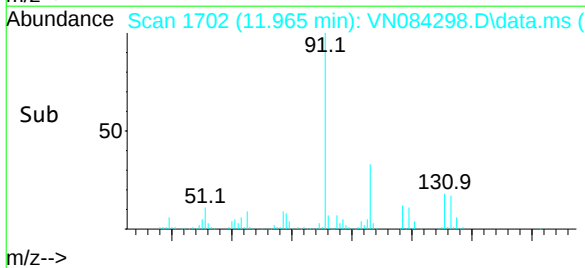
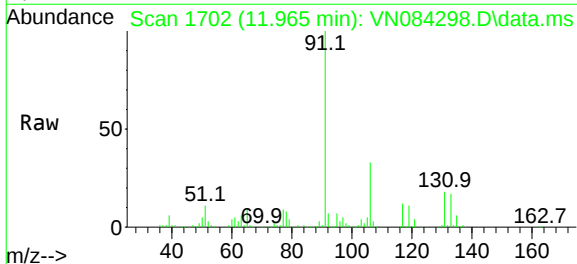
Manual Integrations
APPROVED

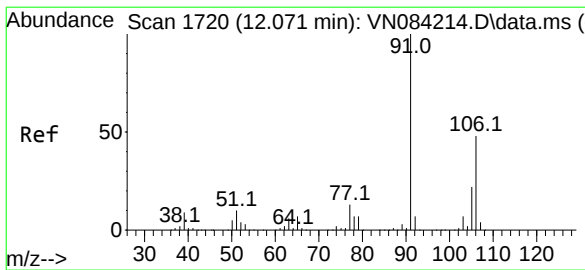
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#67
Ethyl Benzene
Concen: 47.490 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

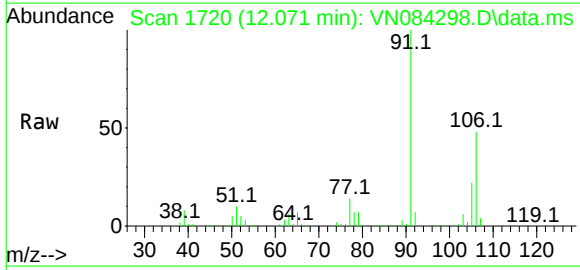
Tgt Ion: 91 Resp: 454708
Ion Ratio Lower Upper
91 100
106 32.5 24.5 36.7





#68
m/p-Xylenes
Concen: 98.192 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

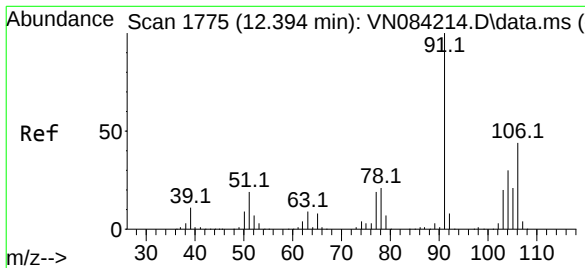
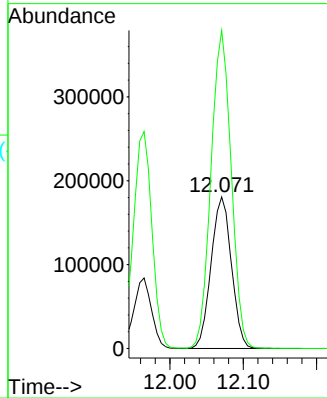
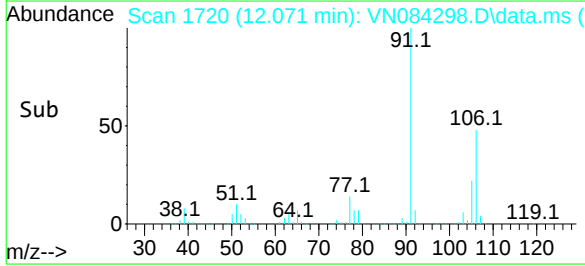
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MS



Tgt Ion:106 Resp: 347777
Ion Ratio Lower Upper
106 100
91 208.8 167.1 250.7

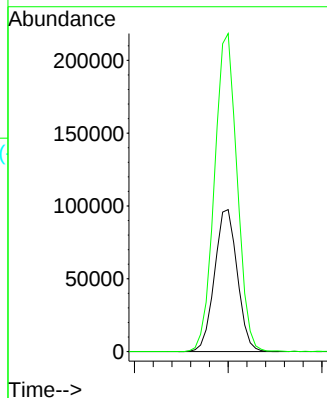
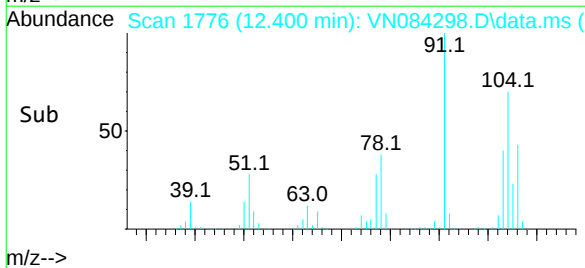
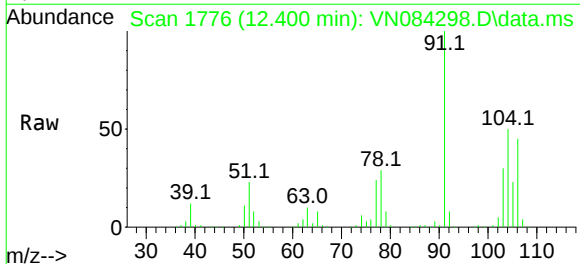
Manual Integrations
APPROVED

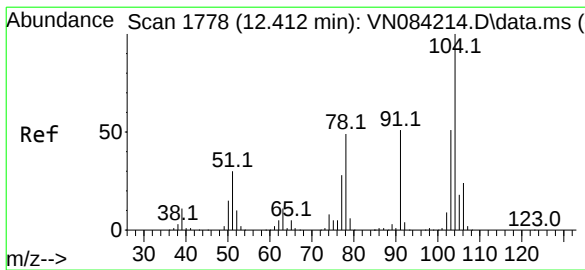
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#69
o-Xylene
Concen: 49.099 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

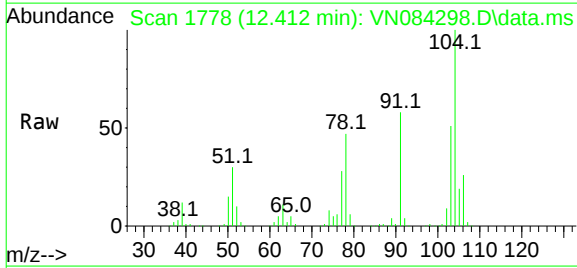
Tgt Ion:106 Resp: 164527
Ion Ratio Lower Upper
106 100
91 222.6 110.2 330.6





#70
Styrene
Concen: 49.871 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

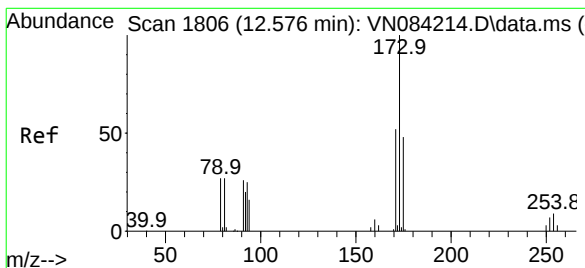
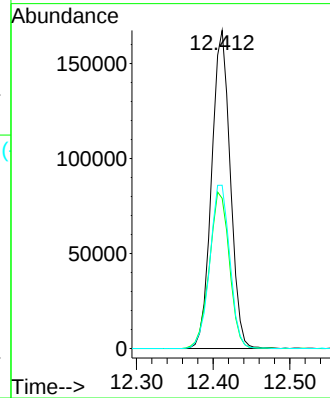
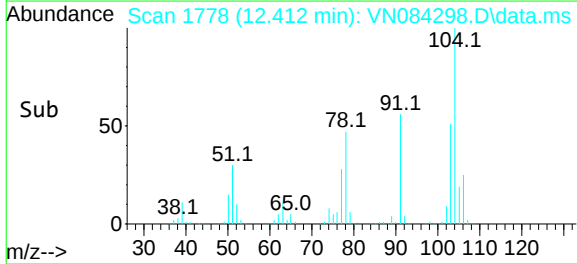
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MS



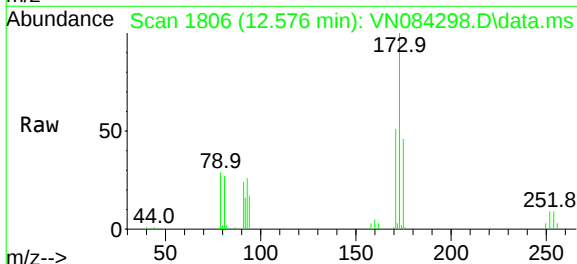
Tgt Ion:104 Resp: 283064
Ion Ratio Lower Upper
104 100
78 52.8 42.7 64.1
103 54.9 43.6 65.4

Manual Integrations
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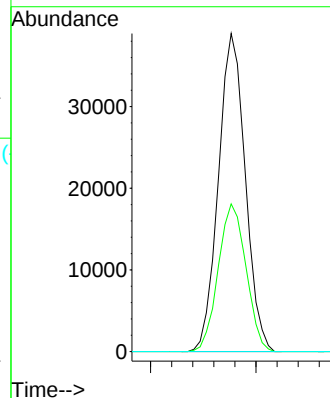
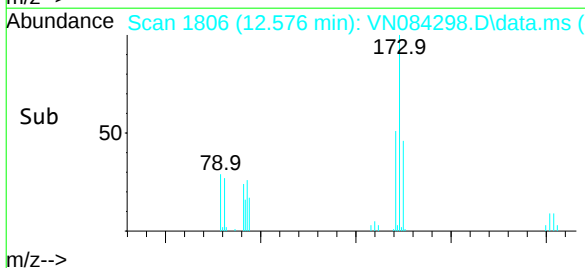
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024

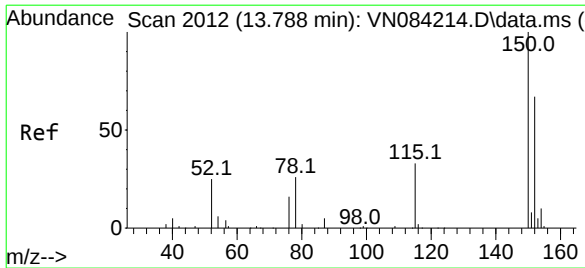


#71
Bromoform
Concen: 50.192 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03



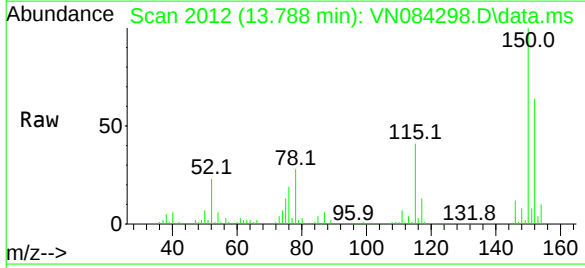
Tgt Ion:173 Resp: 68912
Ion Ratio Lower Upper
173 100
175 48.0 23.5 70.6
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

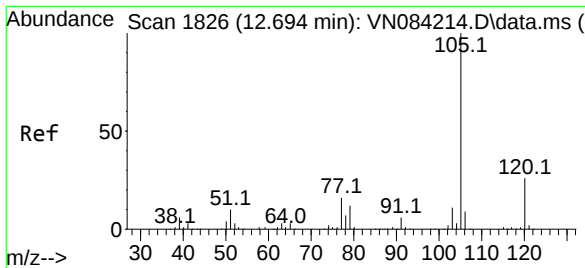
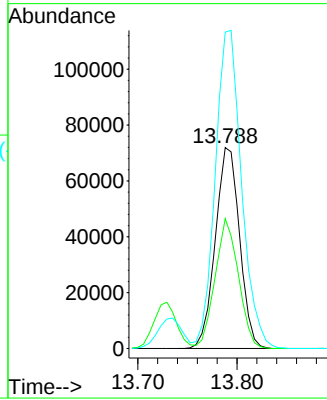
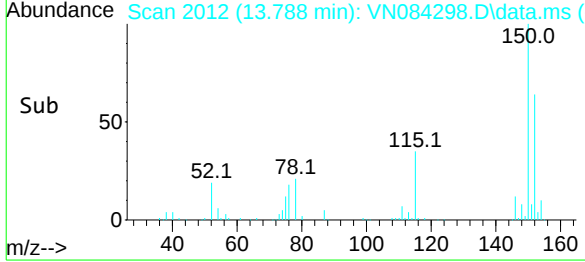
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MS



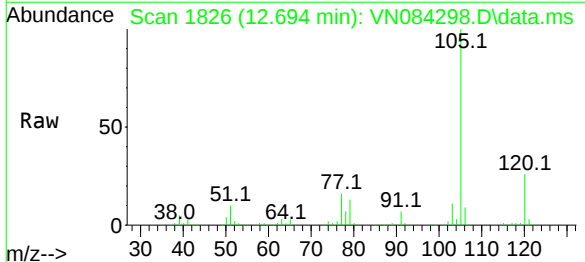
Tgt Ion:152 Resp: 122237
Ion Ratio Lower Upper
152 100
115 62.0 31.3 93.9
150 171.9 0.0 349.8

Manual Integrations
APPROVED

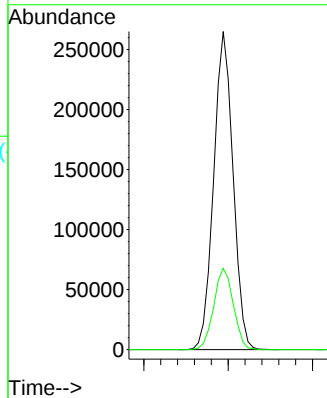
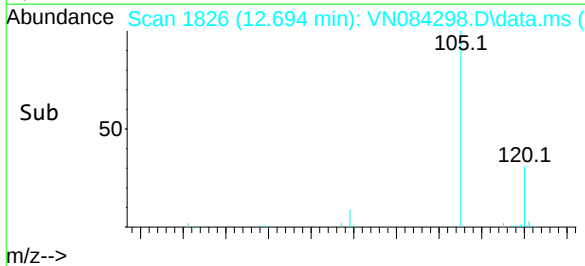
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024

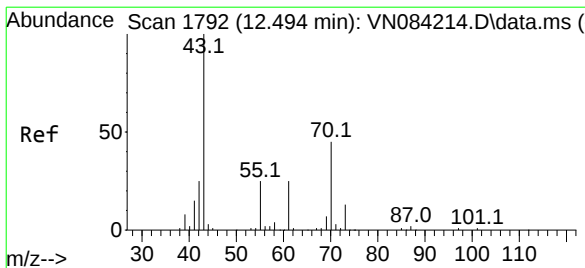


#73
Isopropylbenzene
Concen: 45.270 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03



Tgt Ion:105 Resp: 422270
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7





#74

N-amyI acetate

Concen: 42.840 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084298.D

Acq: 03 Oct 2024 15:03

Instrument :

MSVOA_N

ClientSampleId :

RW4-20240927MS

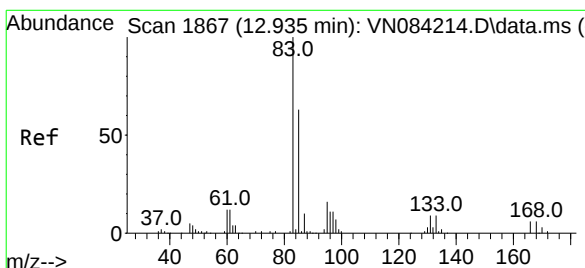
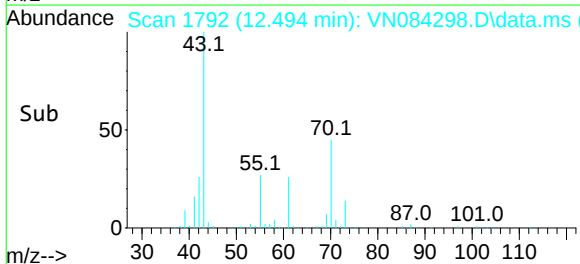
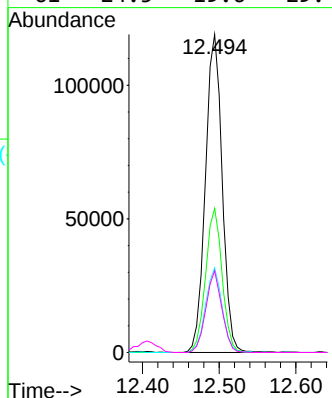
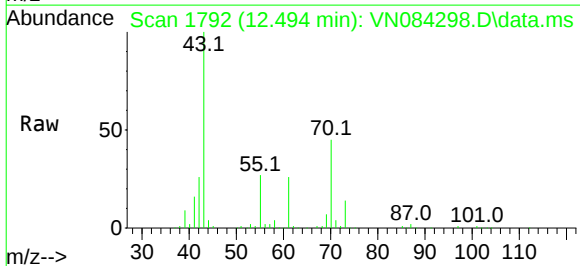
Tgt Ion:	43	Resp:	180952
Ion	Ratio	Lower	Upper
43	100		
70	44.4	34.4	51.6
55	26.4	19.6	29.4
61	24.5	19.6	29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#75

1,1,2,2-Tetrachloroethane

Concen: 45.326 ug/l

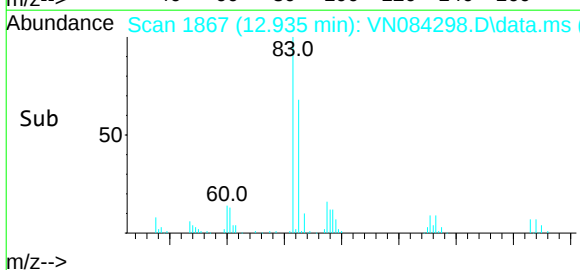
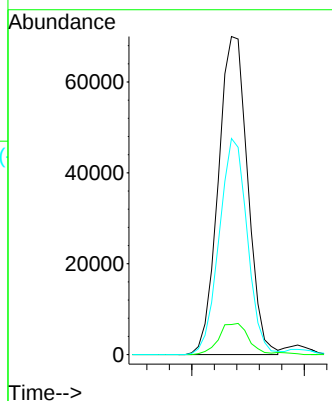
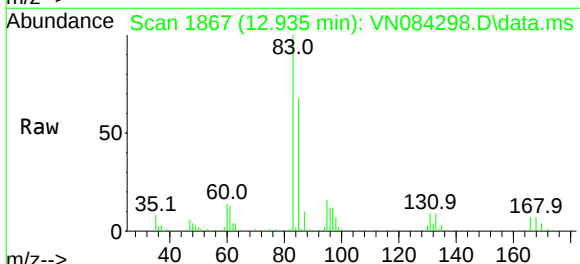
RT: 12.935 min Scan# 1867

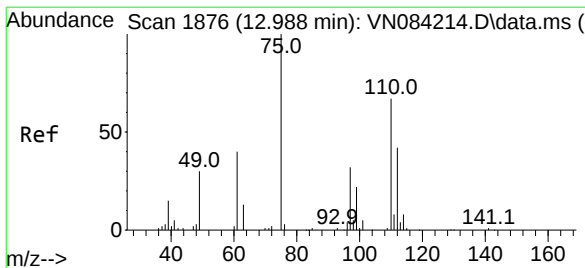
Delta R.T. 0.000 min

Lab File: VN084298.D

Acq: 03 Oct 2024 15:03

Tgt Ion:	83	Resp:	127130
Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.7
85	65.1	31.9	95.7





#76

1,2,3-Trichloropropane

Concen: 42.827 ug/l m

RT: 12.994 min Scan# 18

Delta R.T. 0.006 min

Lab File: VN084298.D

Acq: 03 Oct 2024 15:03

Instrument :

MSVOA_N

ClientSampleId :

RW4-20240927MS

Tgt Ion: 75 Resp: 106875

Ion Ratio Lower Upper

75 100

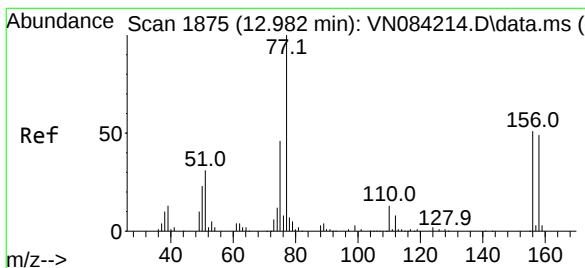
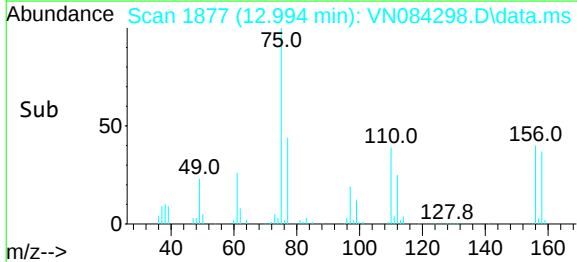
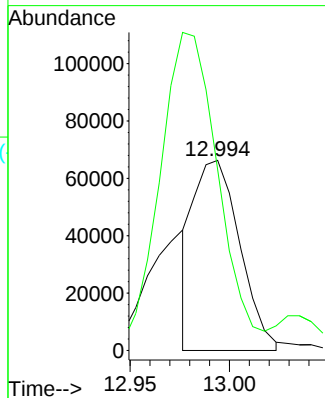
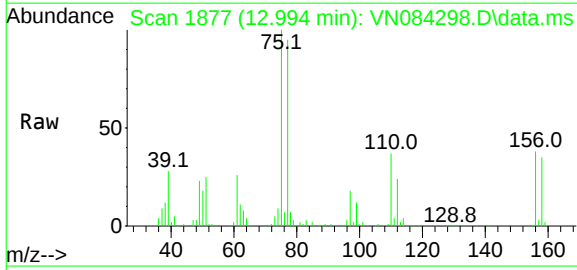
77 212.5 96.9 290.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#77

Bromobenzene

Concen: 43.972 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN084298.D

Acq: 03 Oct 2024 15:03

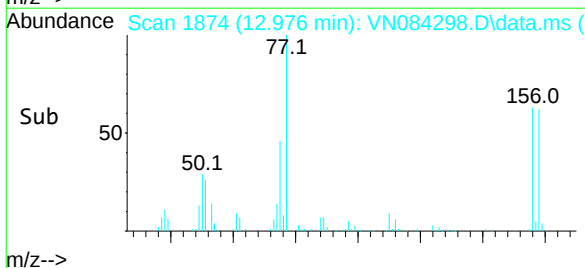
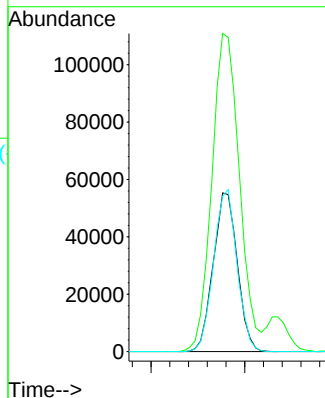
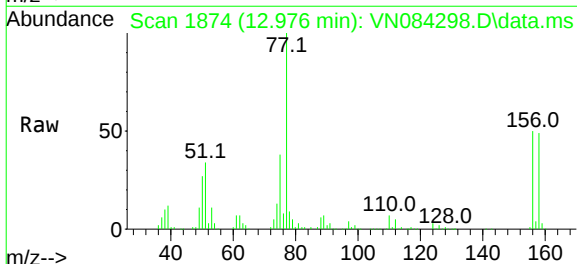
Tgt Ion:156 Resp: 98937

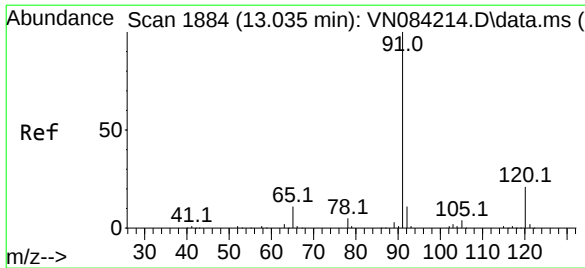
Ion Ratio Lower Upper

156 100

77 229.5 115.1 345.3

158 99.2 48.9 146.8





#78

n-propylbenzene

Concen: 46.583 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084298.D

Acq: 03 Oct 2024 15:03

Instrument :

MSVOA_N

ClientSampleId :

RW4-20240927MS

Tgt Ion: 91 Resp: 503432

Ion Ratio Lower Upper

91 100

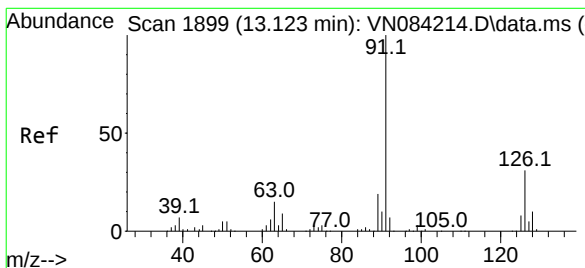
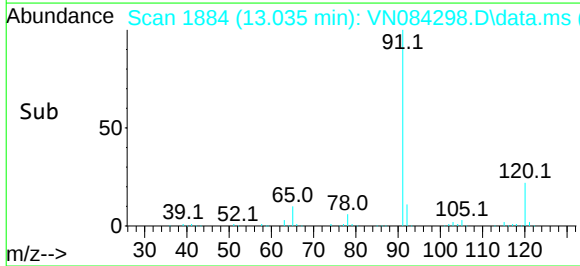
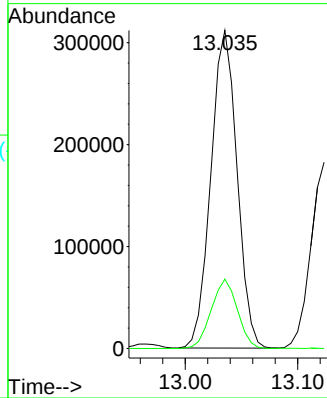
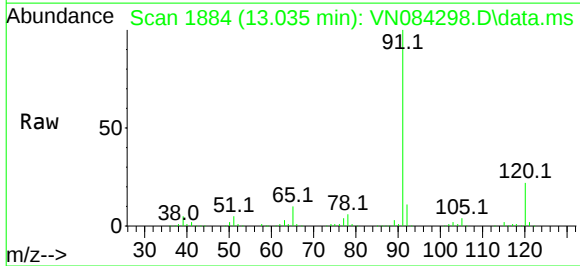
120 21.7 10.8 32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#79

2-Chlorotoluene

Concen: 44.901 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084298.D

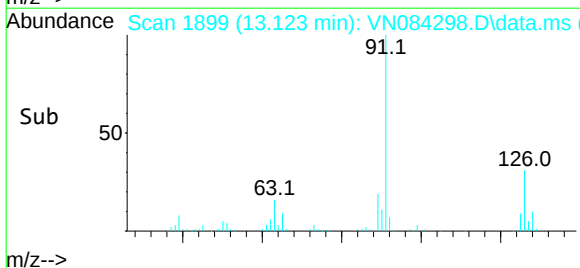
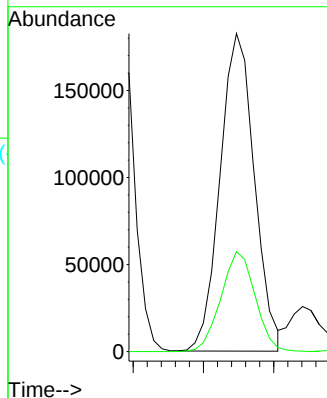
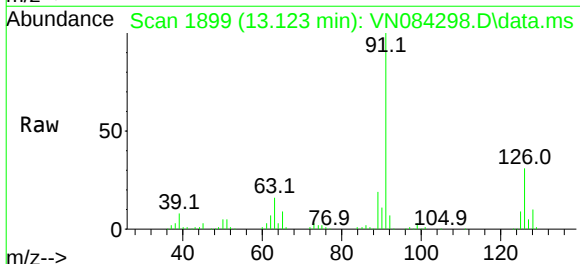
Acq: 03 Oct 2024 15:03

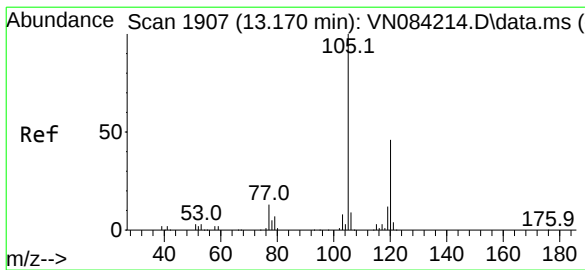
Tgt Ion: 91 Resp: 309647

Ion Ratio Lower Upper

91 100

126 31.3 15.7 47.1





#80

1,3,5-Trimethylbenzene

Concen: 47.529 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084298.D

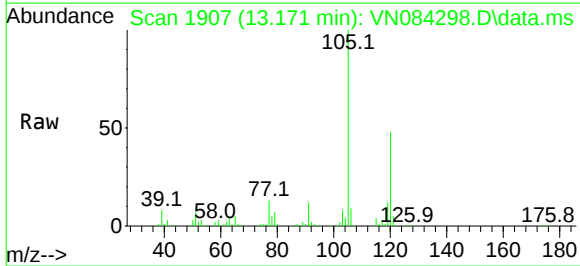
Acq: 03 Oct 2024 15:03

Instrument :

MSVOA_N

ClientSampleId :

RW4-20240927MS



Tgt Ion: 105 Resp: 361643

Ion Ratio Lower Upper

105 100

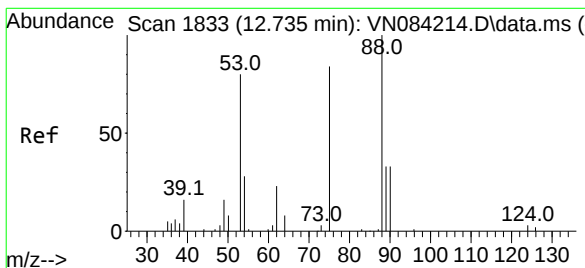
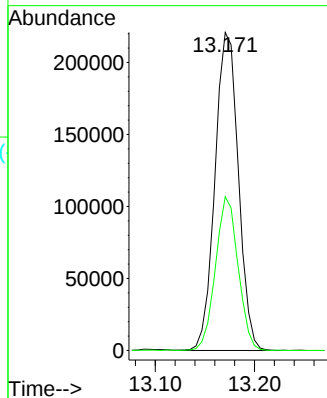
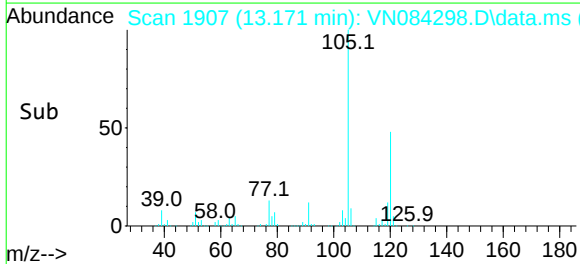
120 46.7 23.7 71.1

Manual Integrations

APPROVED

Reviewed By : John Carlone 10/04/2024

Supervised By : Mahesh Dadoda 10/04/2024



#81

trans-1,4-Dichloro-2-butene

Concen: 42.106 ug/l

RT: 12.735 min Scan# 1833

Delta R.T. 0.000 min

Lab File: VN084298.D

Acq: 03 Oct 2024 15:03

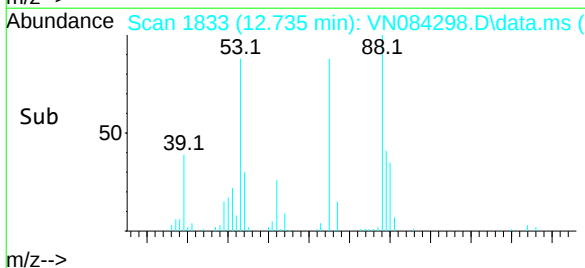
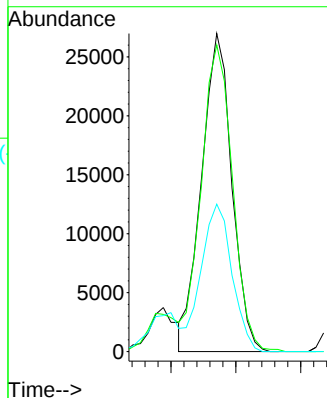
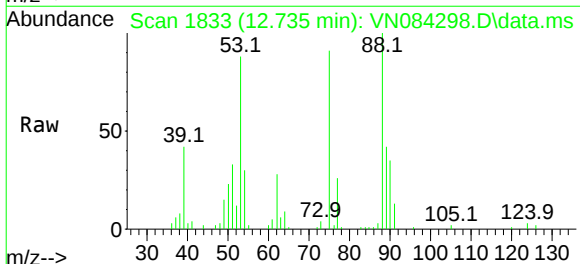
Tgt Ion: 75 Resp: 43828

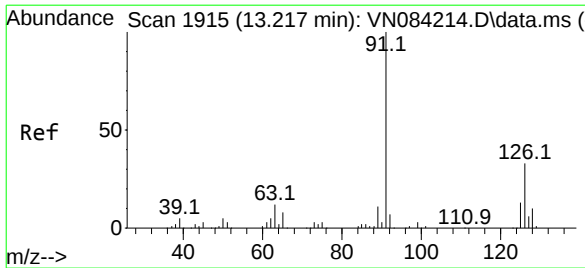
Ion Ratio Lower Upper

75 100

53 99.8 78.0 117.0

89 47.7 35.5 53.3





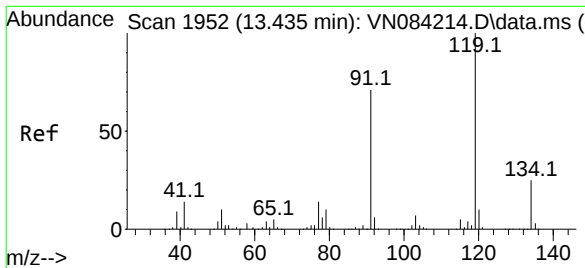
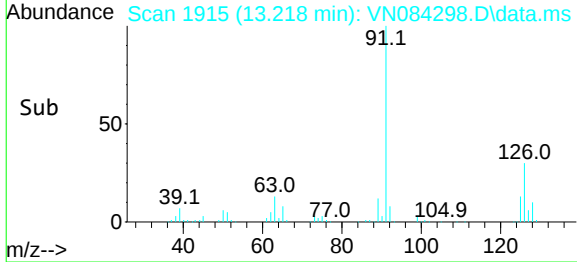
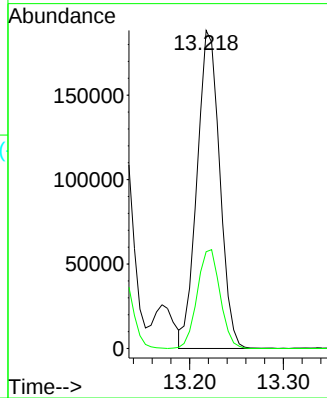
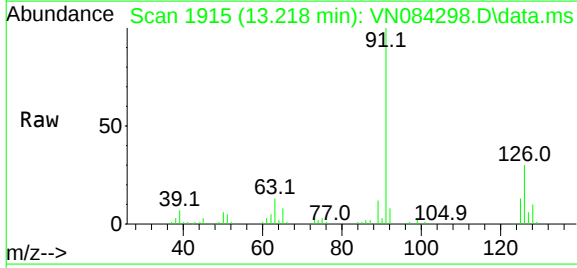
#82
4-Chlorotoluene
Concen: 45.591 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MS

Tgt Ion: 91 Resp: 316497
Ion Ratio Lower Upper
91 100
126 31.4 15.7 47.1

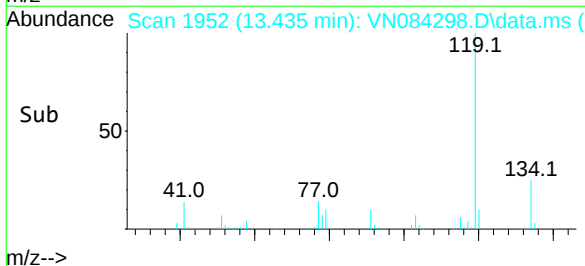
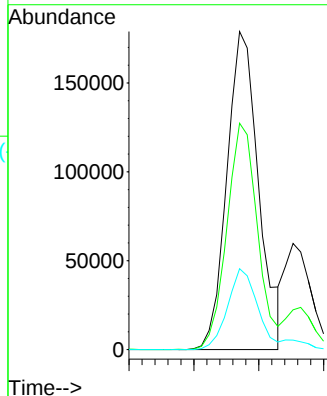
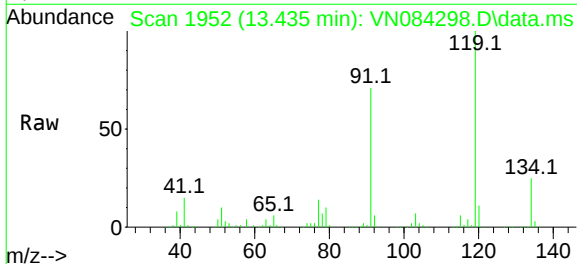
Manual Integrations
APPROVED

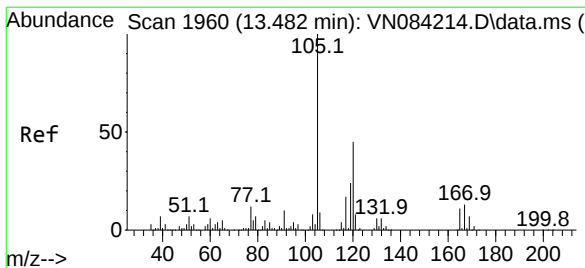
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#83
tert-Butylbenzene
Concen: 45.107 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

Tgt Ion:119 Resp: 305045
Ion Ratio Lower Upper
119 100
91 68.4 34.1 102.3
134 26.1 12.8 38.4





#84

1,2,4-Trimethylbenzene

Concen: 47.360 ug/l

RT: 13.482 min Scan# 19

Delta R.T. 0.000 min

Lab File: VN084298.D

Acq: 03 Oct 2024 15:03

Instrument :

MSVOA_N

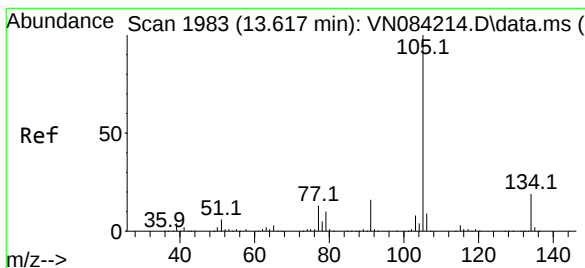
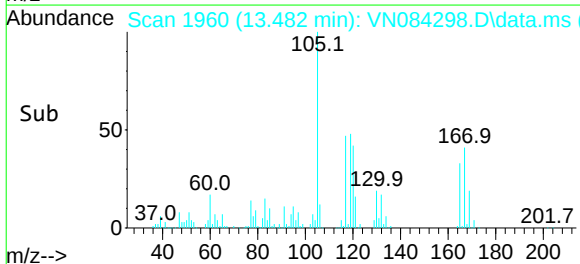
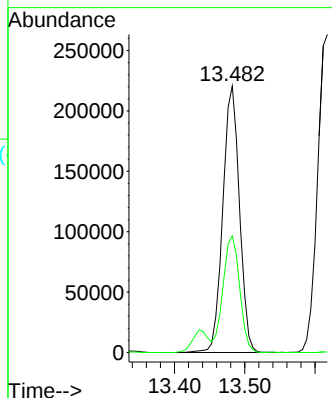
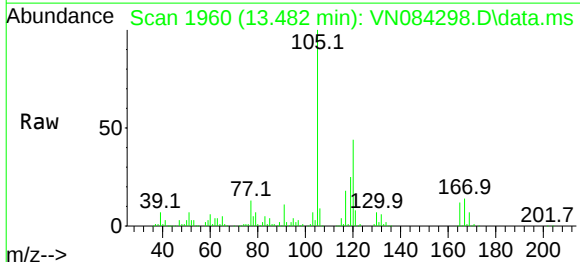
ClientSampleId :

RW4-20240927MS

Tgt Ion:105 Resp: 363017
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.3 66.8

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/04/2024
 Supervised By :Mahesh Dadoda 10/04/2024



#85

sec-Butylbenzene

Concen: 46.522 ug/l

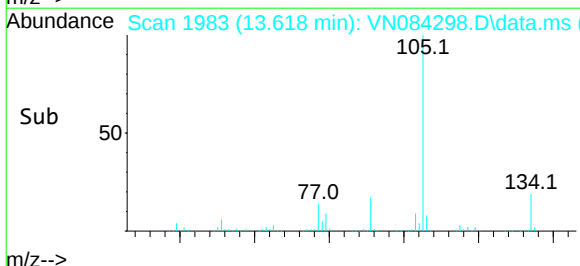
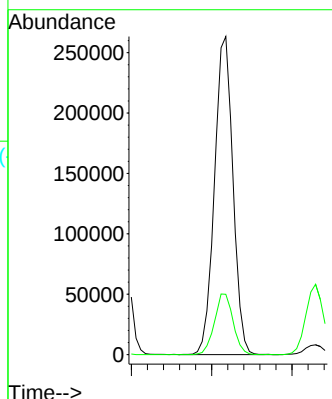
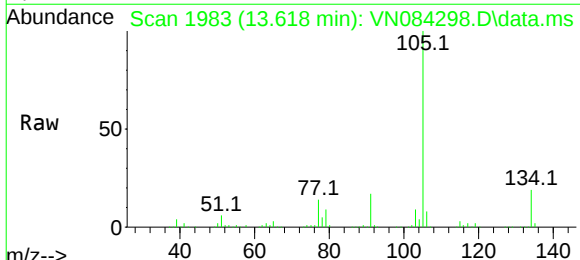
RT: 13.618 min Scan# 1983

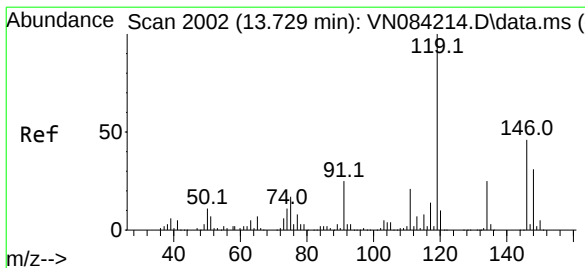
Delta R.T. 0.000 min

Lab File: VN084298.D

Acq: 03 Oct 2024 15:03

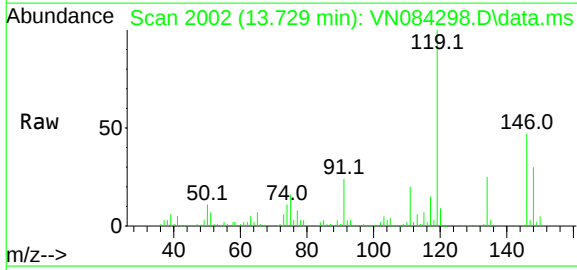
Tgt Ion:105 Resp: 419827
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4





#86
p-Isopropyltoluene
Concen: 47.058 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

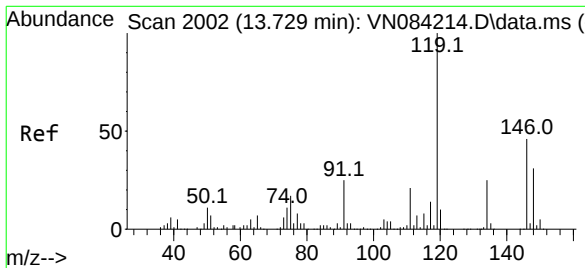
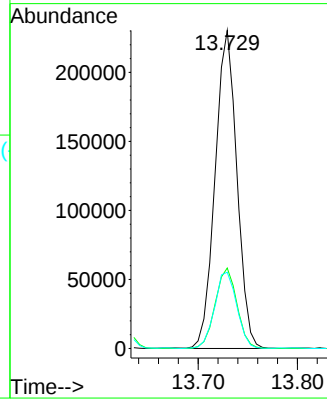
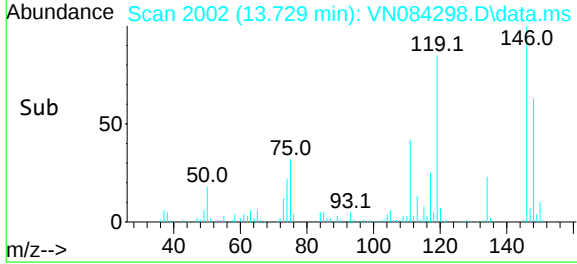
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MS



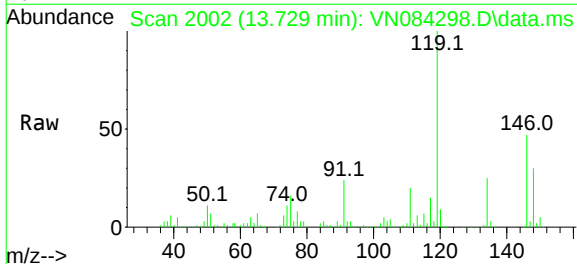
Tgt Ion:119 Resp: 351165
Ion Ratio Lower Upper
119 100
134 25.3 12.6 37.8
91 24.6 12.4 37.2

Manual Integrations
APPROVED

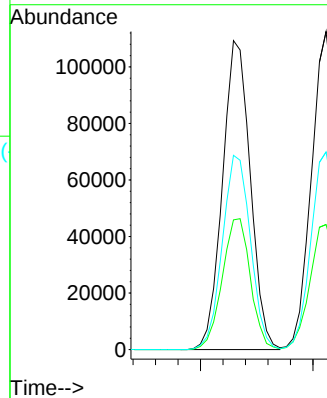
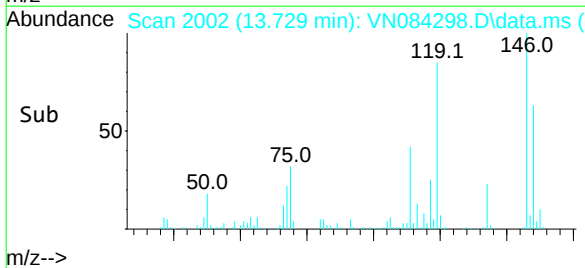
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024

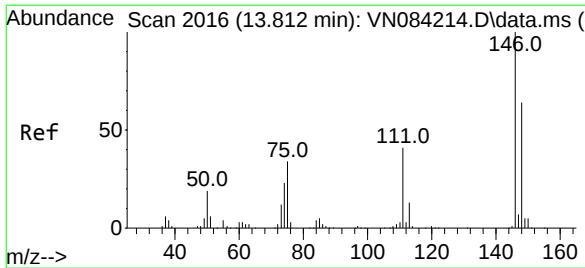


#87
1,3-Dichlorobenzene
Concen: 44.510 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03



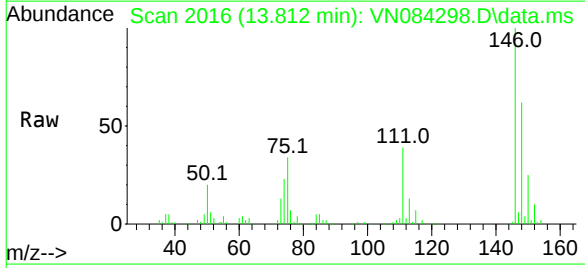
Tgt Ion:146 Resp: 187875
Ion Ratio Lower Upper
146 100
111 42.9 21.8 65.3
148 63.6 31.9 95.7





#88
1,4-Dichlorobenzene
Concen: 43.504 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

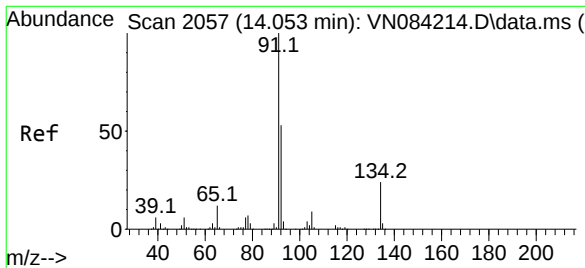
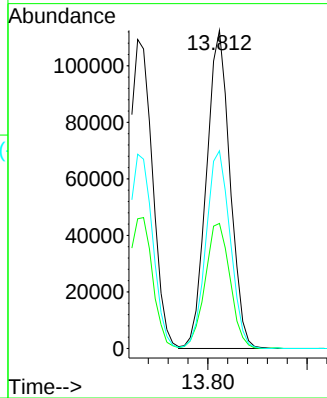
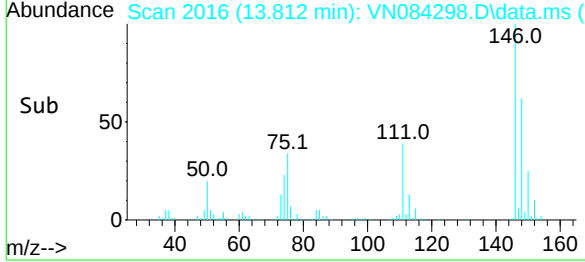
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MS



Tgt Ion: 146 Resp: 185439
Ion Ratio Lower Upper
146 100
111 41.6 21.2 63.6
148 63.9 31.9 95.9

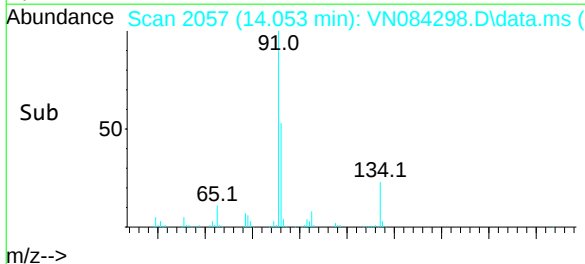
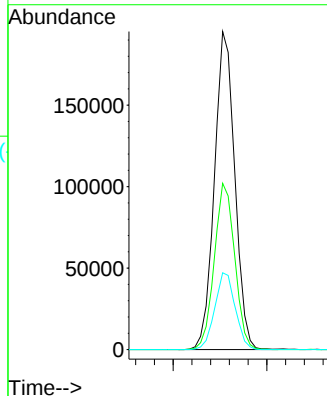
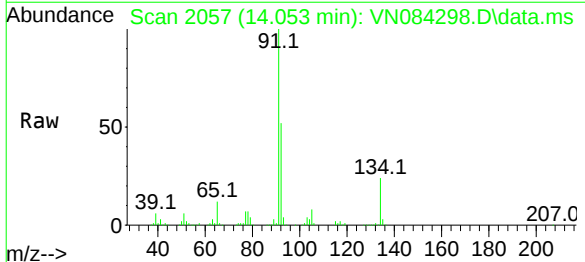
Manual Integrations
APPROVED

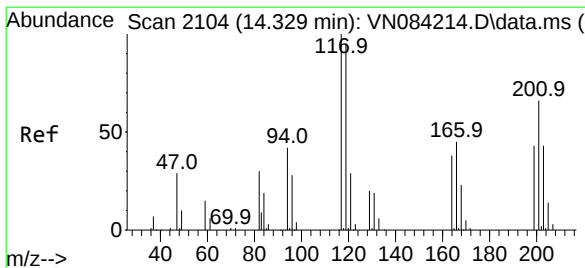
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#89
n-Butylbenzene
Concen: 43.539 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

Tgt Ion: 91 Resp: 294610
Ion Ratio Lower Upper
91 100
92 52.4 26.6 79.7
134 24.2 12.3 36.9





#90

Hexachloroethane

Concen: 43.356 ug/l

RT: 14.335 min Scan# 2104

Delta R.T. 0.006 min

Lab File: VN084298.D

Acq: 03 Oct 2024 15:03

Instrument :

MSVOA_N

ClientSampleId :

RW4-20240927MS

Tgt Ion:117 Resp: 65673

Ion Ratio Lower Upper

117 100

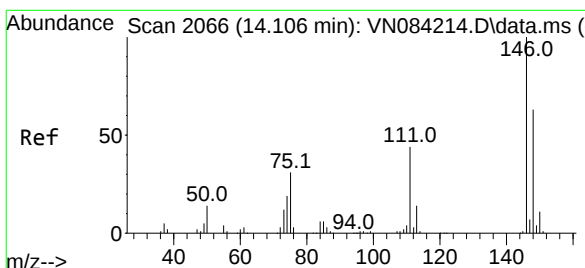
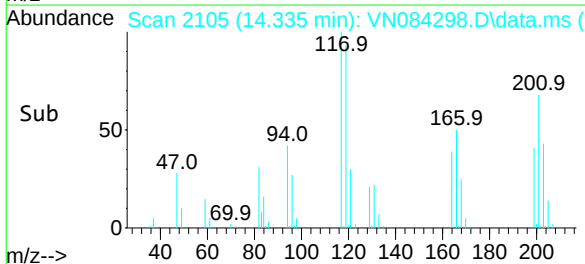
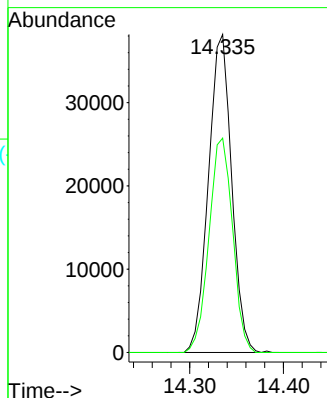
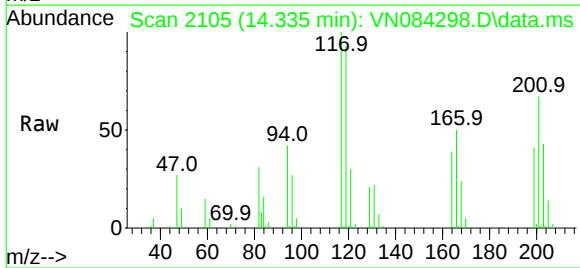
201 68.6 34.4 103.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#91

1,2-Dichlorobenzene

Concen: 43.663 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084298.D

Acq: 03 Oct 2024 15:03

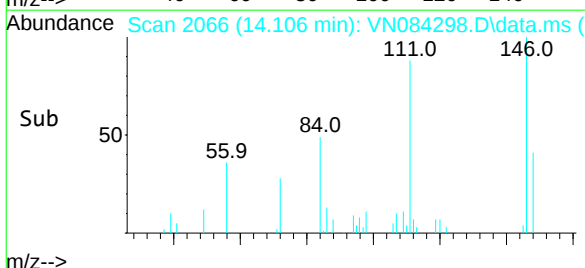
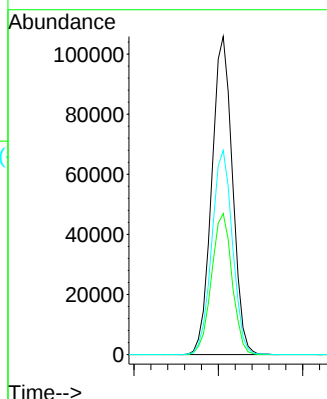
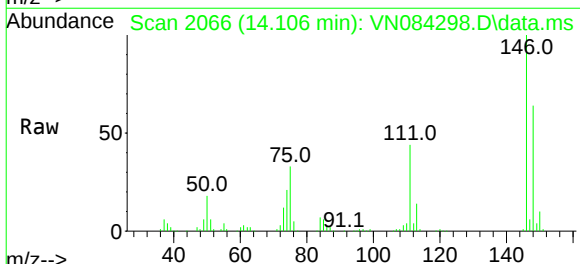
Tgt Ion:146 Resp: 180714

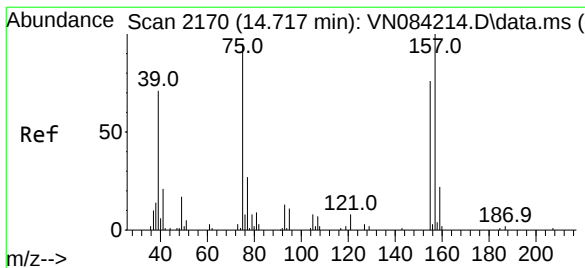
Ion Ratio Lower Upper

146 100

111 44.0 22.0 66.0

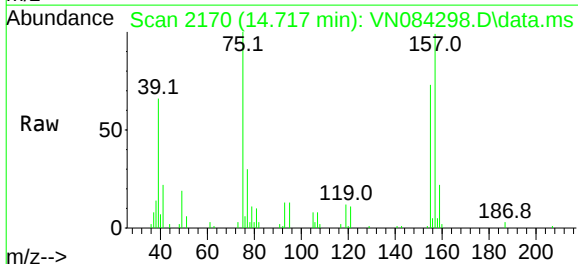
148 64.3 32.1 96.3





#92
1,2-Dibromo-3-Chloropropane
Concen: 43.869 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03

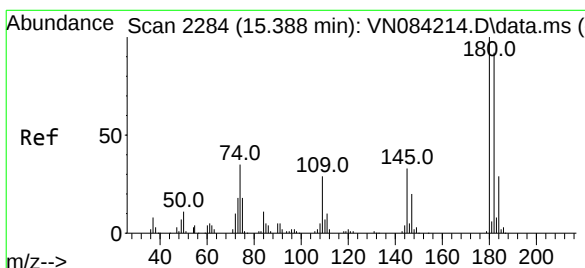
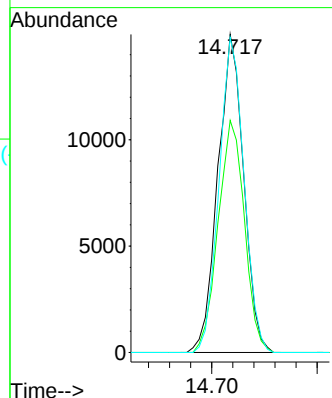
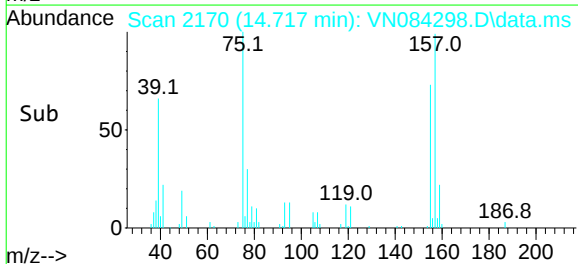
Instrument :
MSVOA_N
ClientSampleId :
RW4-20240927MS



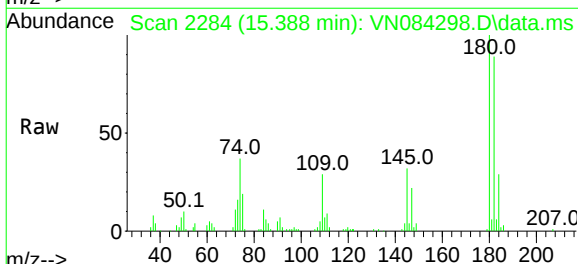
Tgt Ion: 75 Resp: 25391
Ion Ratio Lower Upper
75 100
155 74.5 38.1 114.5
157 95.8 49.6 149.0

Manual Integrations
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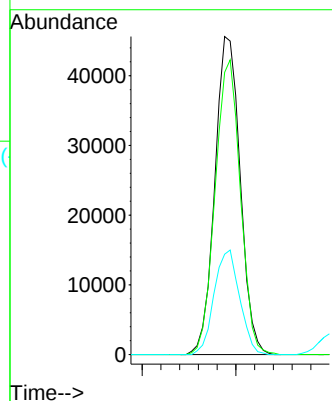
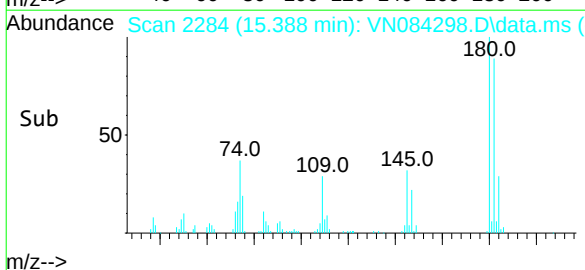
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024

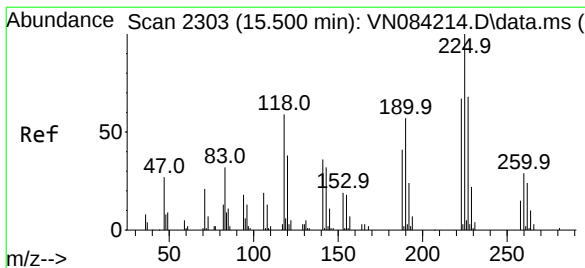


#93
1,2,4-Trichlorobenzene
Concen: 41.950 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN084298.D
Acq: 03 Oct 2024 15:03



Tgt Ion:180 Resp: 85519
Ion Ratio Lower Upper
180 100
182 92.3 47.0 141.0
145 33.1 16.4 49.4





#94

Hexachlorobutadiene

Concen: 37.616 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN084298.D

Acq: 03 Oct 2024 15:03

Instrument :

MSVOA_N

ClientSampleId :

RW4-20240927MS

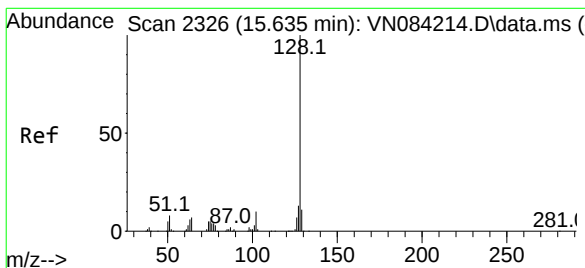
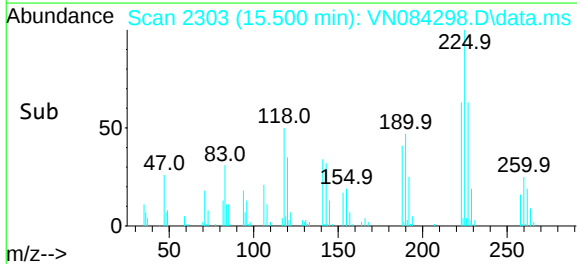
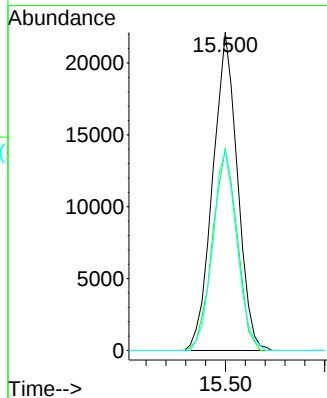
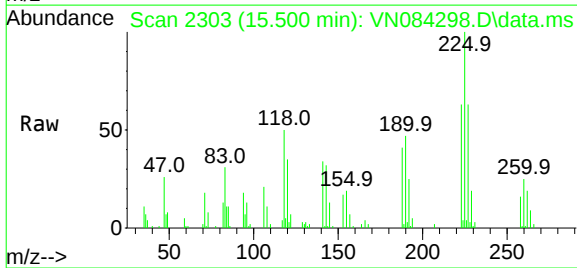
Tgt Ion:	225	Resp:	38242
Ion Ratio	Lower	Upper	
225	100		
223	63.2	32.4	97.2
227	61.7	32.4	97.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#95

Naphthalene

Concen: 39.889 ug/l

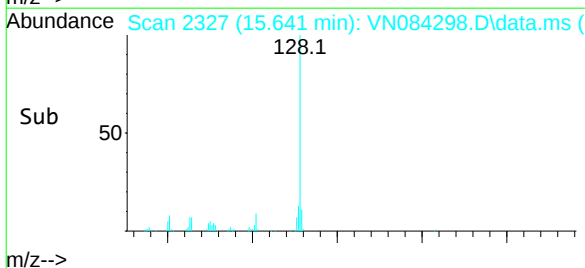
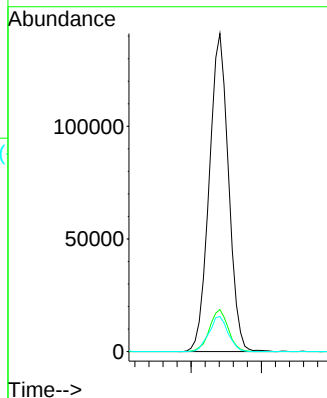
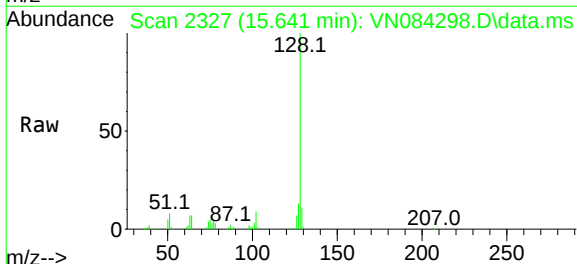
RT: 15.641 min Scan# 2327

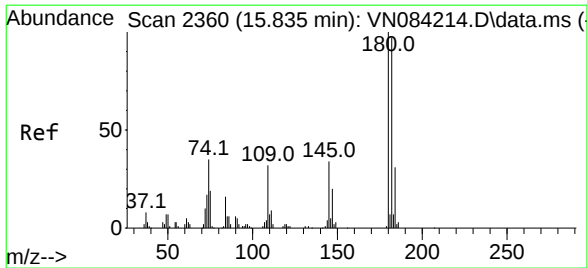
Delta R.T. 0.006 min

Lab File: VN084298.D

Acq: 03 Oct 2024 15:03

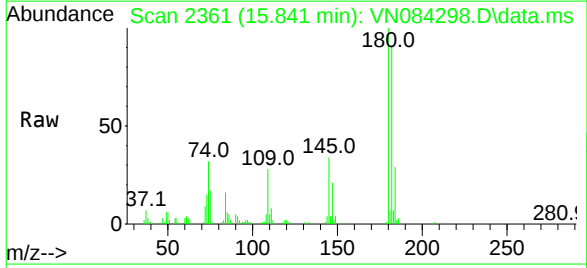
Tgt Ion:	128	Resp:	269582
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.5	15.7
129	10.9	8.7	13.1





1,2,3-Trichlorobenzene
 Concen: 40.822 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. 0.006 min
 Lab File: VN084298.D
 Acq: 03 Oct 2024 15:03

Instrument : MSVOA_N
 ClientSampleId : RW4-20240927MS



Tgt Ion:	180	Resp:	83303
Ion Ratio	Lower	Upper	
180	100		
182	95.9	48.2	144.6
145	34.9	17.3	51.9

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/04/2024
 Supervised By :Mahesh Dadoda 10/04/2024

