

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101024\
 Data File : VN084381.D
 Acq On : 10 Oct 2024 11:40
 Operator : JC\MD
 Sample : VN1010WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/11/2024
 Supervised By : Mahesh Dadoda 10/14/2024

Quant Time: Oct 11 02:43:30 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	153045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	264524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107805	47.508	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.020%		
35) Dibromofluoromethane	8.165	113	85088	48.792	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.580%		
50) Toluene-d8	10.565	98	308392	48.066	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.140%		
62) 4-Bromofluorobenzene	12.847	95	112868	48.287	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	32736	18.083	ug/l	94
3) Chloromethane	2.360	50	37432	18.109	ug/l	97
4) Vinyl Chloride	2.513	62	37820	18.889	ug/l	94
5) Bromomethane	2.954	94	23870	18.074	ug/l	97
6) Chloroethane	3.118	64	24231	16.898	ug/l	95
7) Trichlorofluoromethane	3.495	101	60272	19.331	ug/l	100
8) Diethyl Ether	3.965	74	22070	19.086	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	35839	20.061	ug/l	98
10) Methyl Iodide	4.583	142	43061	18.717	ug/l	96
11) Tert butyl alcohol	5.524	59	39083	104.453	ug/l	98
12) 1,1-Dichloroethene	4.342	96	33621	19.511	ug/l	95
13) Acrolein	4.183	56	41208	95.933	ug/l	100
14) Allyl chloride	5.024	41	53091	17.740	ug/l	99
15) Acrylonitrile	5.718	53	104386	110.475	ug/l	99
16) Acetone	4.430	43	104142	106.835	ug/l	96
17) Carbon Disulfide	4.712	76	88019	16.133	ug/l	99
18) Methyl Acetate	5.024	43	51601	24.287	ug/l	96
19) Methyl tert-butyl Ether	5.801	73	120553	20.728	ug/l	98
20) Methylene Chloride	5.283	84	40895	20.638	ug/l	86
21) trans-1,2-Dichloroethene	5.789	96	34876	19.318	ug/l	95
22) Diisopropyl ether	6.671	45	128348	20.734	ug/l	99
23) Vinyl Acetate	6.606	43	476814	103.852	ug/l	100
24) 1,1-Dichloroethane	6.571	63	70772	20.444	ug/l	98
25) 2-Butanone	7.483	43	147364	110.994	ug/l	100
26) 2,2-Dichloropropane	7.495	77	60923	19.519	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	43306	19.851	ug/l	98
28) Bromochloromethane	7.812	49	34677	22.451	ug/l	99
29) Tetrahydrofuran	7.842	42	90387	110.318	ug/l	98
30) Chloroform	7.965	83	74750	20.788	ug/l	98
31) Cyclohexane	8.259	56	58988	17.550	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	65365	20.240	ug/l	98
36) 1,1-Dichloropropene	8.371	75	50360	19.881	ug/l	99
37) Ethyl Acetate	7.559	43	58158	22.379	ug/l	99
38) Carbon Tetrachloride	8.359	117	55309	19.905	ug/l	92
39) Methylcyclohexane	9.600	83	50424	17.886	ug/l	98
40) Benzene	8.606	78	158097	20.032	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30888	21.894	ug/l	96
42) 1,2-Dichloroethane	8.671	62	56650	21.173	ug/l	100
43) Isopropyl Acetate	8.689	43	97036	19.064	ug/l	99
44) Trichloroethene	9.347	130	36234	19.657	ug/l	97
45) 1,2-Dichloropropane	9.618	63	39947	21.396	ug/l	99
46) Dibromomethane	9.712	93	28502	22.622	ug/l	97
47) Bromodichloromethane	9.883	83	59065	21.101	ug/l	95
48) Methyl methacrylate	9.677	41	43484	21.460	ug/l	99
49) 1,4-Dioxane	9.694	88	17234	461.995	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	288717	116.706	ug/l	99
52) Toluene	10.630	92	98973	20.565	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	57804	20.258	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	64127	20.894	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	37957	22.000	ug/l	94
56) Ethyl methacrylate	10.871	69	60115	21.175	ug/l	96
57) 1,3-Dichloropropane	11.165	76	66480	21.564	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	133517	101.384	ug/l	98
59) 2-Hexanone	11.194	43	211107	114.173	ug/l	99
60) Dibromochloromethane	11.359	129	45147	22.147	ug/l	99
61) 1,2-Dibromoethane	11.471	107	39660	22.123	ug/l	97
64) Tetrachloroethene	11.100	164	33035	20.292	ug/l	92
65) Chlorobenzene	11.888	112	105167	20.293	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	38161	21.379	ug/l	99
67) Ethyl Benzene	11.965	91	180857	19.734	ug/l	97
68) m/p-Xylenes	12.071	106	137842	40.660	ug/l	97
69) o-Xylene	12.400	106	65438	20.402	ug/l	99
70) Styrene	12.412	104	114177	21.016	ug/l	98
71) Bromoform	12.577	173	29491	22.441	ug/l #	100
73) Isopropylbenzene	12.694	105	167076	18.610	ug/l	100
74) N-amyl acetate	12.494	43	79897	19.653	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	58520	21.678	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	47935m	19.957	ug/l	
77) Bromobenzene	12.977	156	42352	19.557	ug/l	99
78) n-propylbenzene	13.035	91	201509	19.373	ug/l	98
79) 2-Chlorotoluene	13.124	91	129294	19.480	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	145004	19.800	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	19816	19.779	ug/l	93
82) 4-Chlorotoluene	13.218	91	129001	19.307	ug/l	99
83) tert-Butylbenzene	13.435	119	121049	18.597	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	148192	20.087	ug/l	99
85) sec-Butylbenzene	13.612	105	169995	19.572	ug/l	100
86) p-Isopropyltoluene	13.729	119	139620	19.439	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	81249	19.999	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	78123	19.042	ug/l	98
89) n-Butylbenzene	14.053	91	117048	17.972	ug/l	100
90) Hexachloroethane	14.329	117	27904	19.140	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	76297	19.153	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	12031	21.597	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	36749	18.729	ug/l	97
94) Hexachlorobutadiene	15.500	225	18446	18.851	ug/l	93
95) Naphthalene	15.641	128	122340	18.808	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	36784	18.728	ug/l	100

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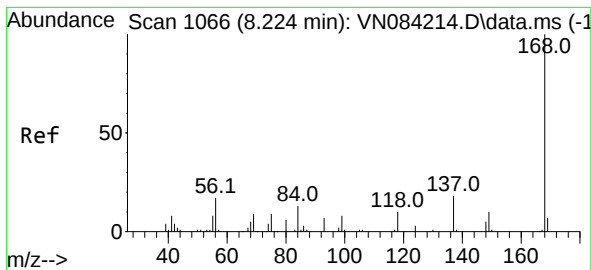
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

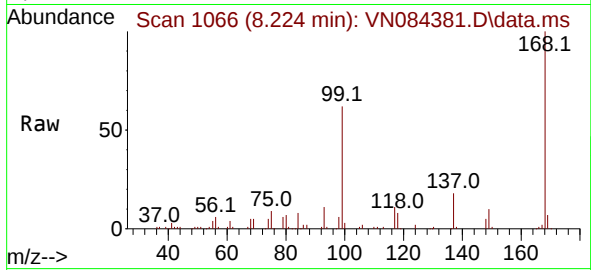
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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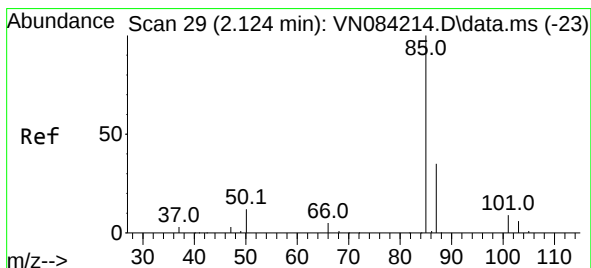
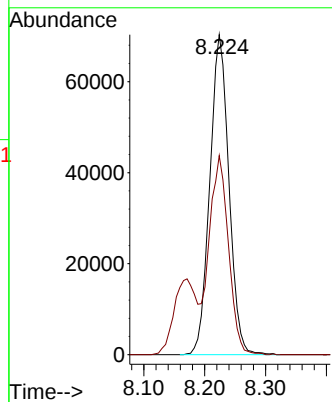
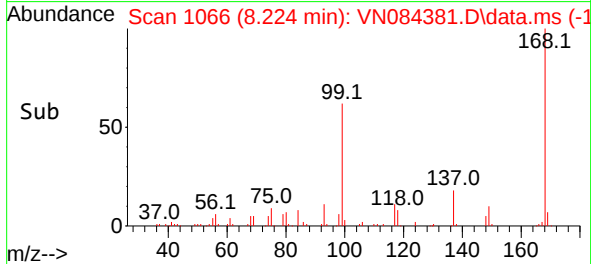
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion:168 Resp: 153049
Ion Ratio Lower Upper
168 100
99 62.2 54.2 81.2

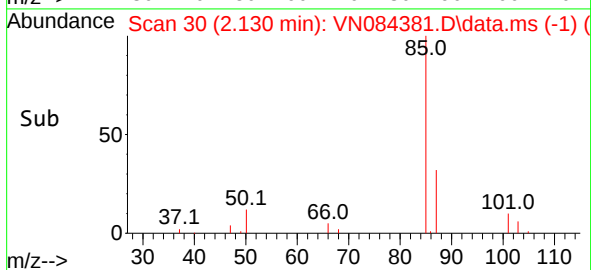
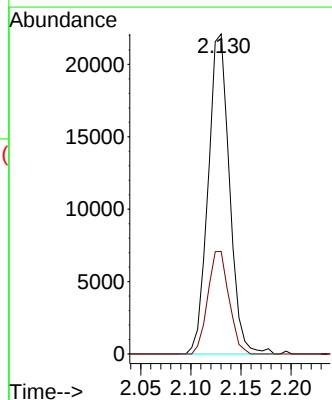
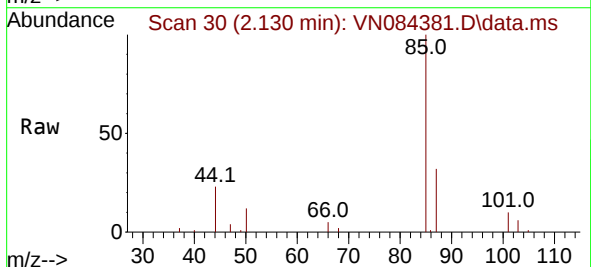
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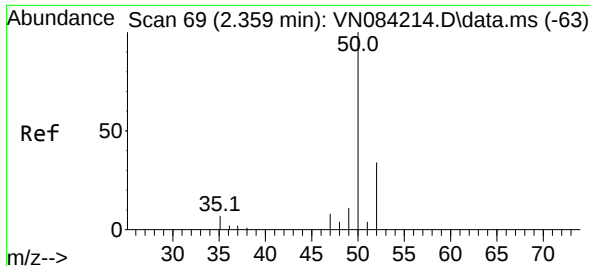
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#2
Dichlorodifluoromethane
Concen: 18.083 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

Tgt Ion: 85 Resp: 32736
Ion Ratio Lower Upper
85 100
87 32.0 17.6 52.9





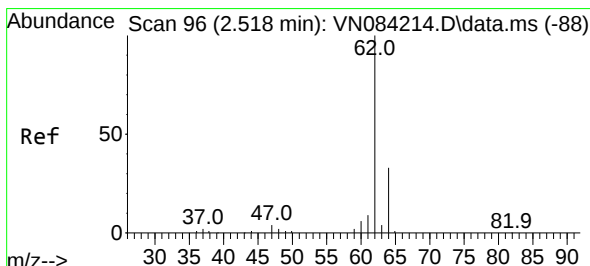
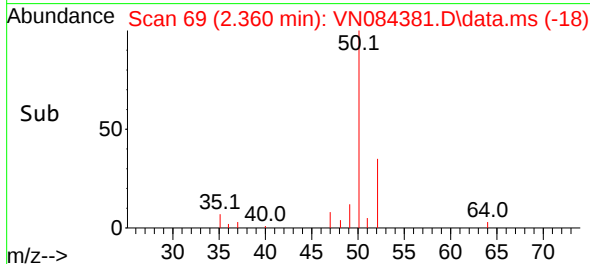
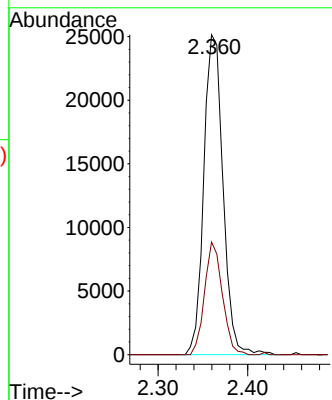
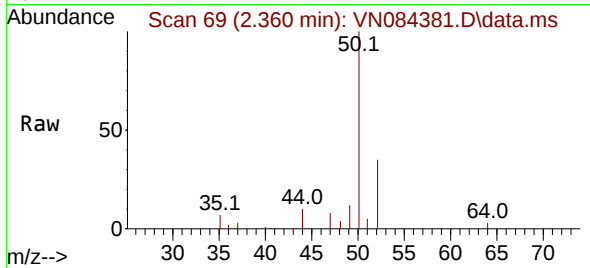
#3
Chloromethane
Concen: 18.109 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

Instrument :
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Tgt Ion: 50 Resp: 3743
Ion Ratio Lower Upper
50 100
52 35.2 26.8 40.2

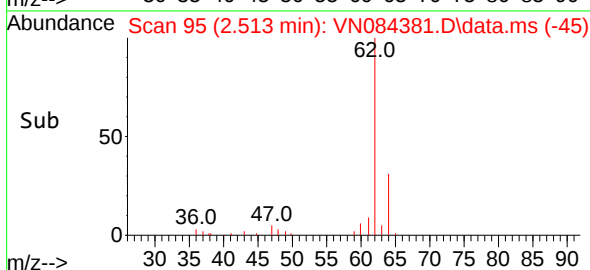
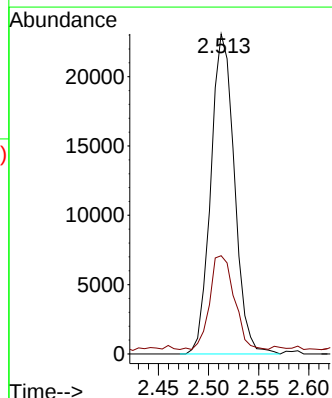
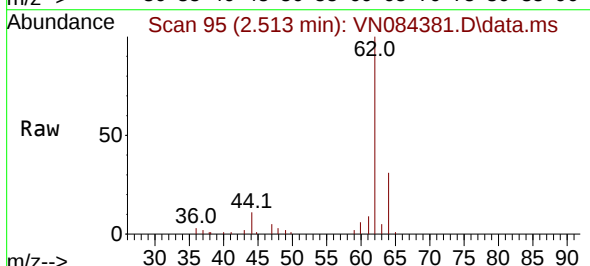
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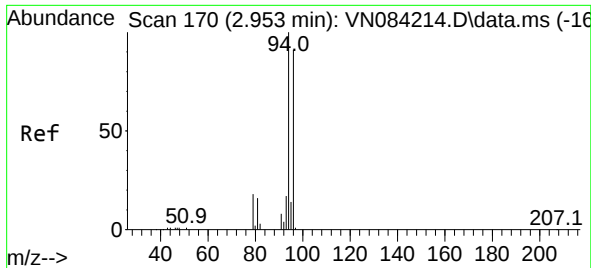
Reviewed By :John Carlone 10/11/2024
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#4
Vinyl Chloride
Concen: 18.889 ug/l
RT: 2.513 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

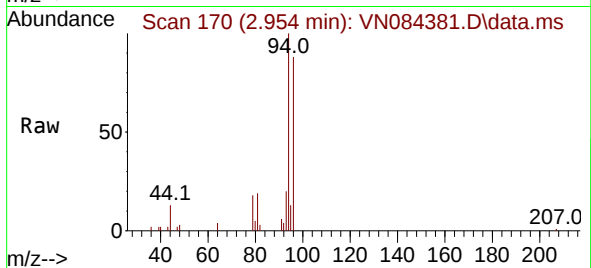
Tgt Ion: 62 Resp: 37820
Ion Ratio Lower Upper
62 100
64 29.3 26.2 39.4





#5
Bromomethane
Concen: 18.074 ug/l
RT: 2.954 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

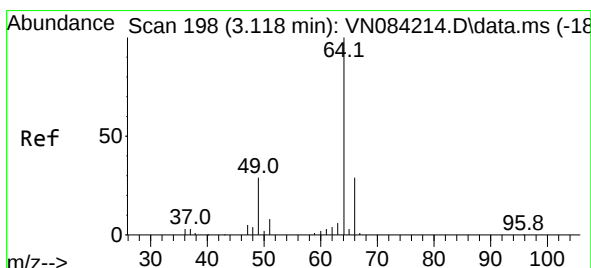
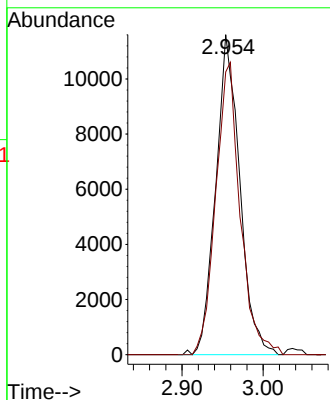
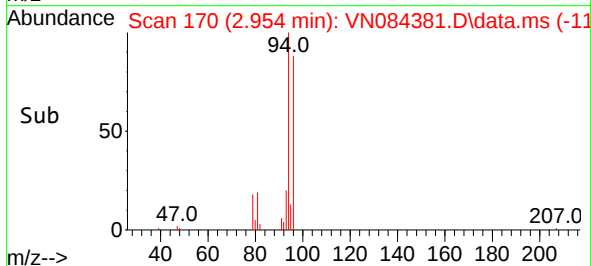
Instrument :
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Tgt Ion: 94 Resp: 23870
Ion Ratio Lower Upper
94 100
96 88.3 72.9 109.3

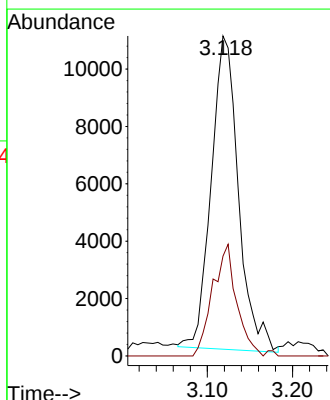
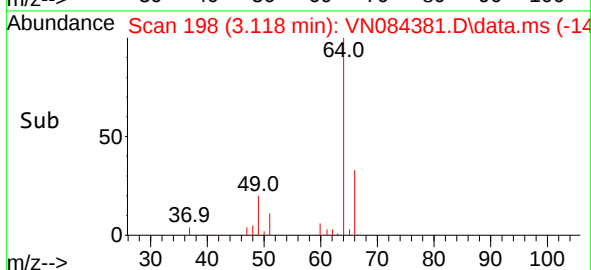
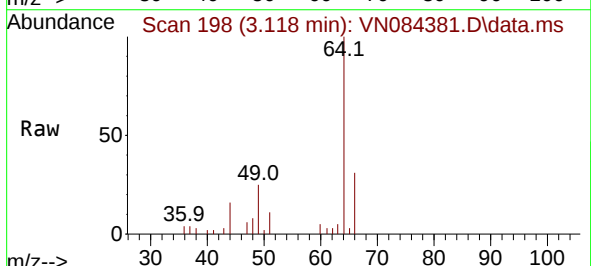
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#6
Chloroethane
Concen: 16.898 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

Tgt Ion: 64 Resp: 24231
Ion Ratio Lower Upper
64 100
66 32.1 23.5 35.3





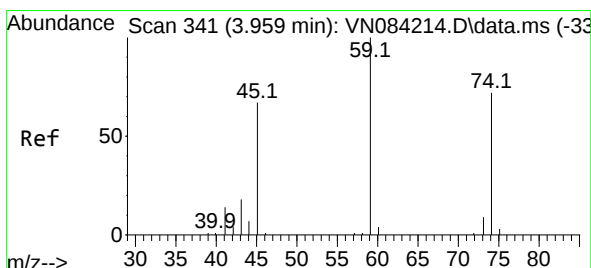
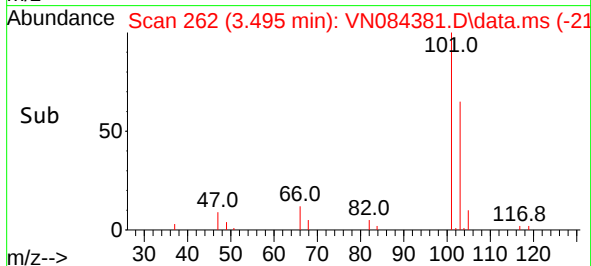
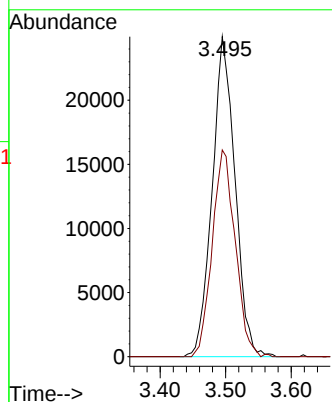
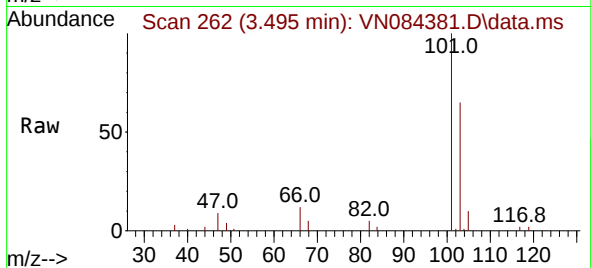
#7
Trichlorofluoromethane
Concen: 19.331 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Tgt Ion:101 Resp: 60272
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.6

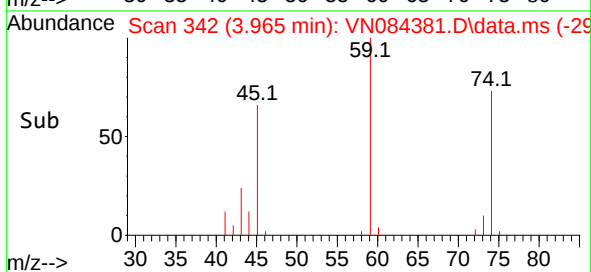
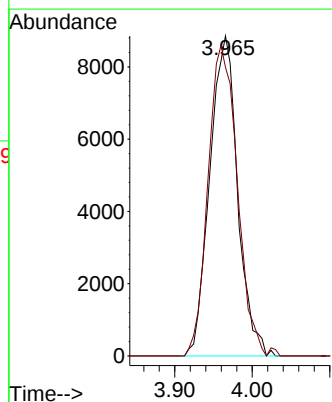
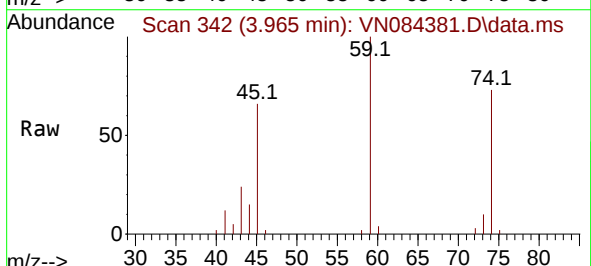
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#8
Diethyl Ether
Concen: 19.086 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

Tgt Ion: 74 Resp: 22070
Ion Ratio Lower Upper
74 100
45 101.7 47.7 143.1





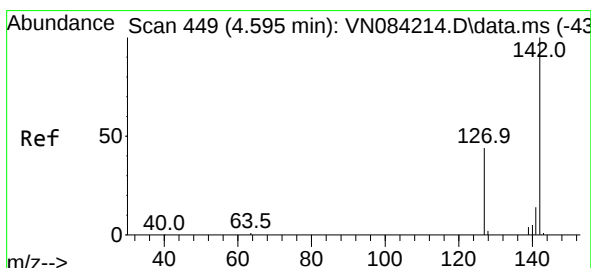
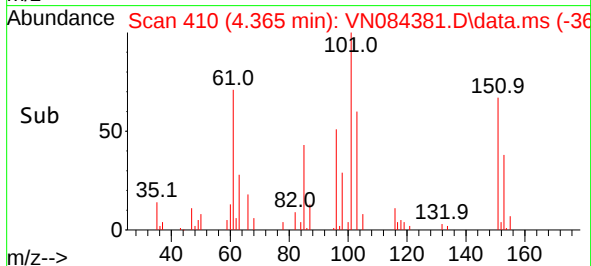
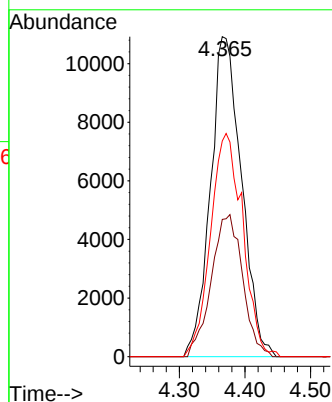
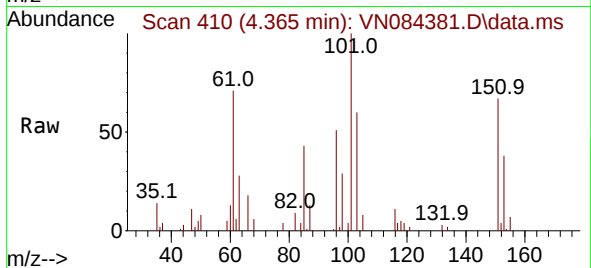
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.061 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN084381.D
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Tgt Ion:101 Resp: 35839
Ion Ratio Lower Upper
101 100
85 44.7 36.2 54.4
151 72.3 59.3 88.9

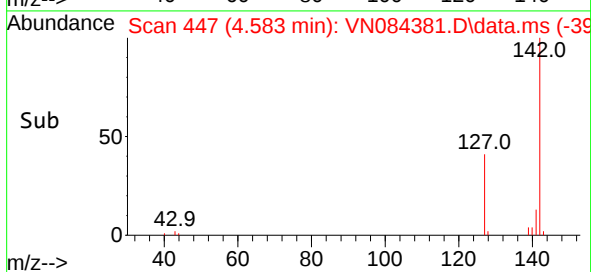
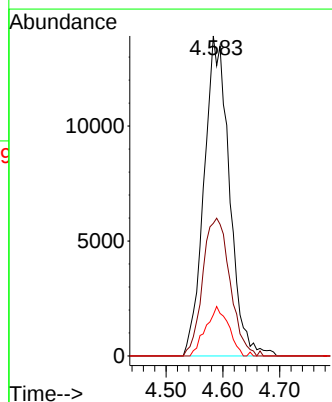
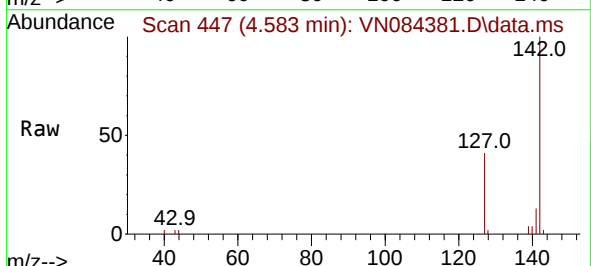
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#10
Methyl Iodide
Concen: 18.717 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.011 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

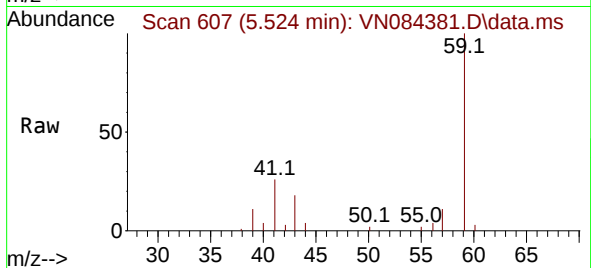
Tgt Ion:142 Resp: 43061
Ion Ratio Lower Upper
142 100
127 41.5 35.3 52.9
141 12.9 11.0 16.6





#11
Tert butyl alcohol
Concen: 104.453 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

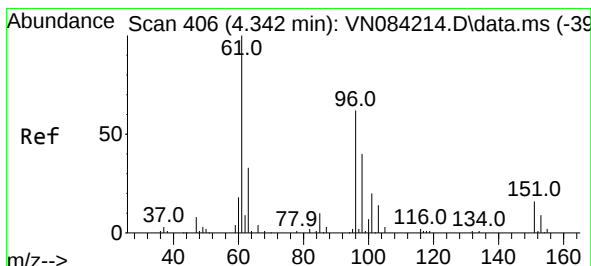
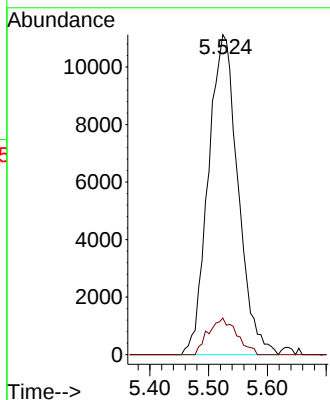
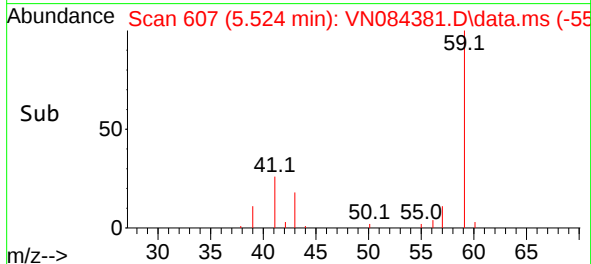
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



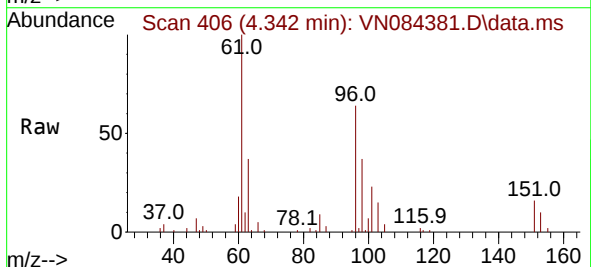
Tgt Ion: 59 Resp: 3908
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.2

Manual Integrations
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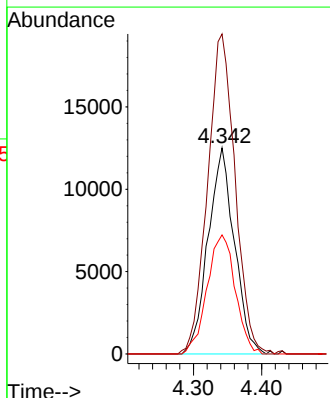
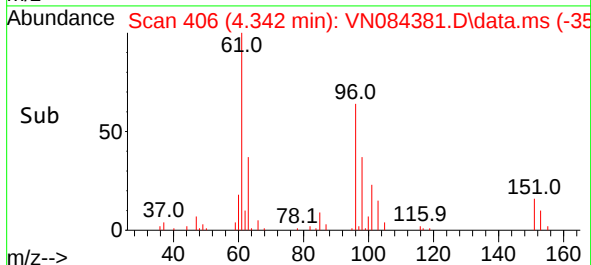
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#12
1,1-Dichloroethene
Concen: 19.511 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40



Tgt Ion: 96 Resp: 33621
Ion Ratio Lower Upper
96 100
61 155.3 128.6 192.8
98 57.8 51.7 77.5





#13

Acrolein

Concen: 95.933 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN084381.D

Acq: 10 Oct 2024 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBSD01

Tgt Ion: 56 Resp: 41208

Ion Ratio Lower Upper

56 100

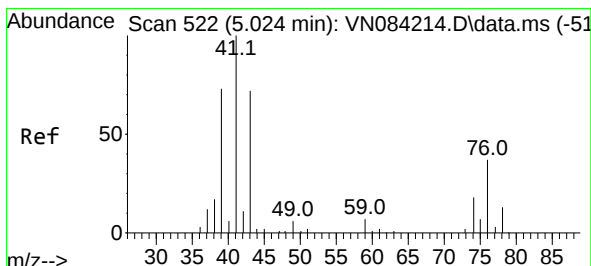
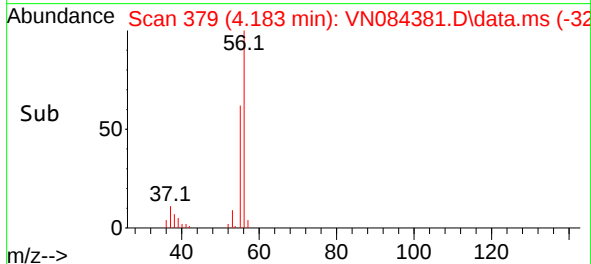
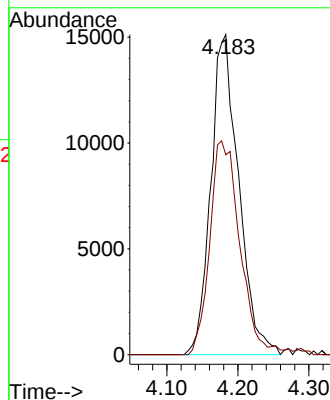
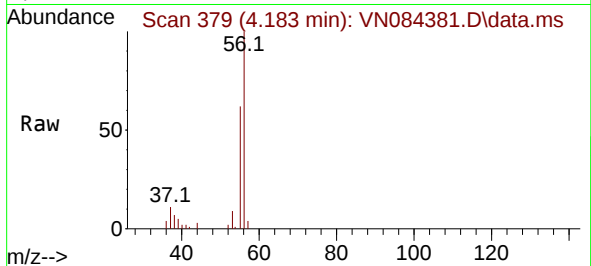
55 71.8 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#14

Allyl chloride

Concen: 17.740 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN084381.D

Acq: 10 Oct 2024 11:40

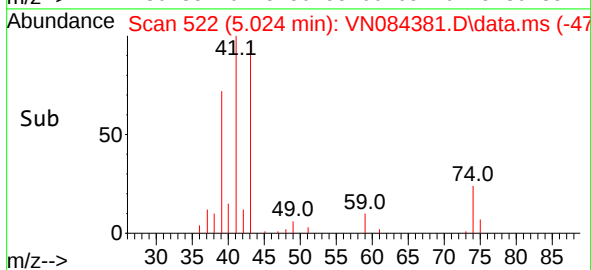
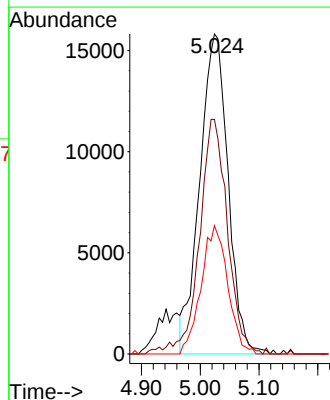
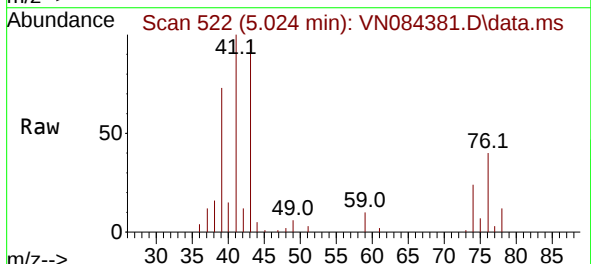
Tgt Ion: 41 Resp: 53091

Ion Ratio Lower Upper

41 100

39 72.3 59.0 88.6

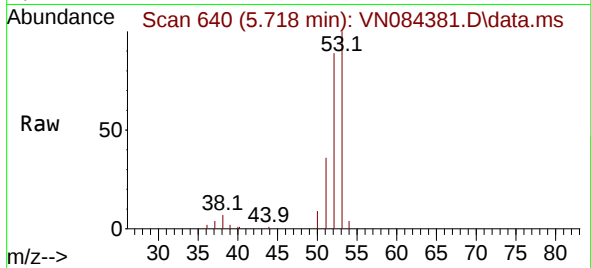
76 37.6 29.8 44.6





#15
Acrylonitrile
Concen: 110.475 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

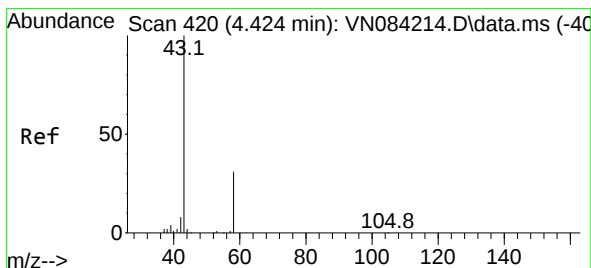
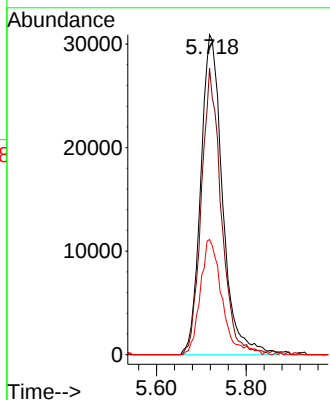
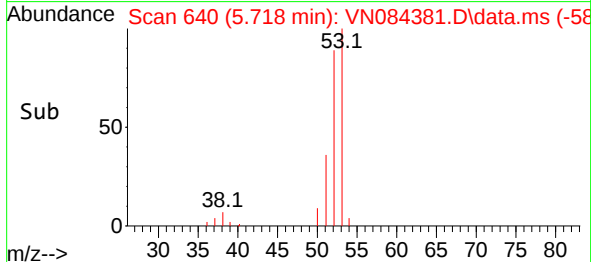
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion: 53 Resp: 104380
Ion Ratio Lower Upper
53 100
52 81.6 66.2 99.4
51 35.9 28.8 43.2

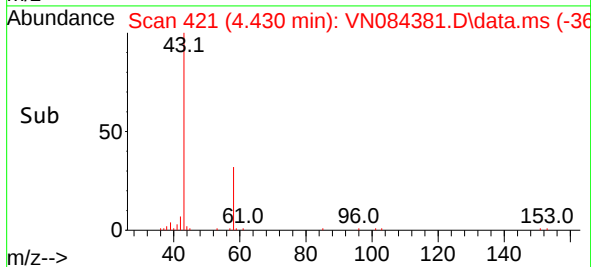
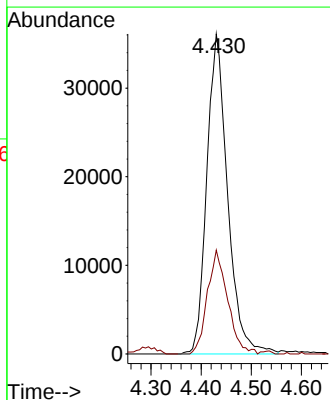
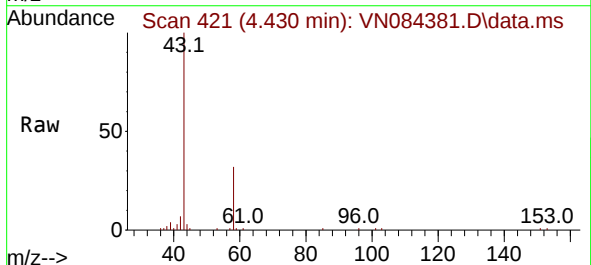
Manual Integrations
APPROVED

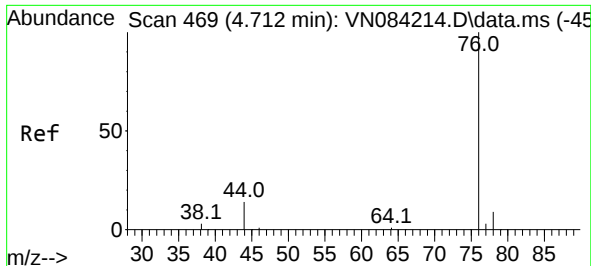
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#16
Acetone
Concen: 106.835 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

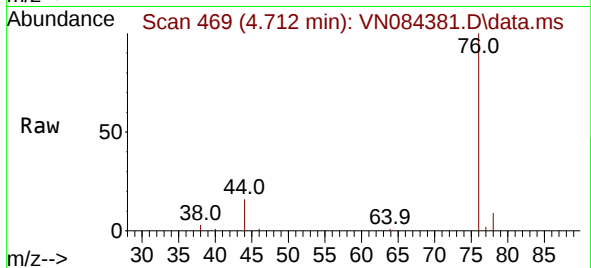
Tgt Ion: 43 Resp: 104142
Ion Ratio Lower Upper
43 100
58 32.5 24.4 36.6





#17
Carbon Disulfide
Concen: 16.133 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

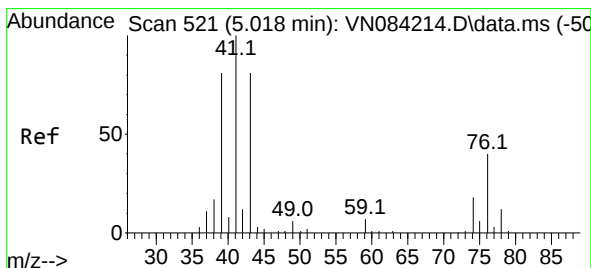
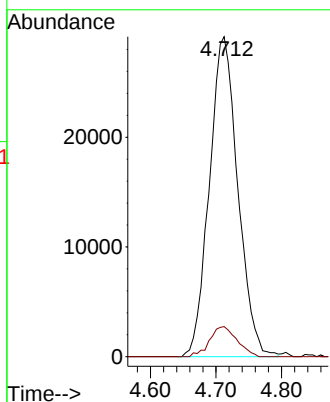
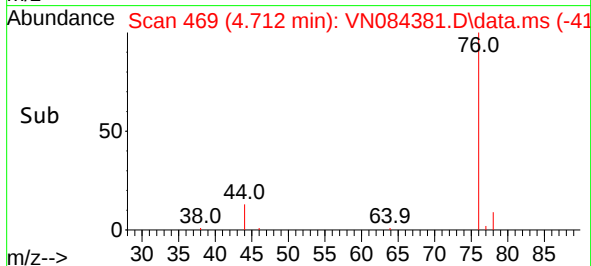
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion: 76 Resp: 88019
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

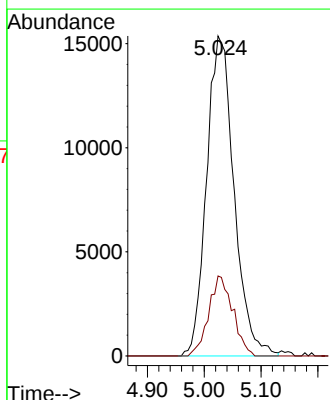
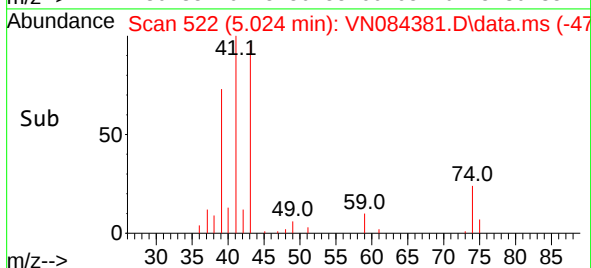
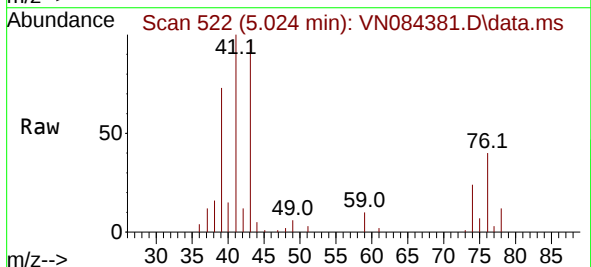
Manual Integrations
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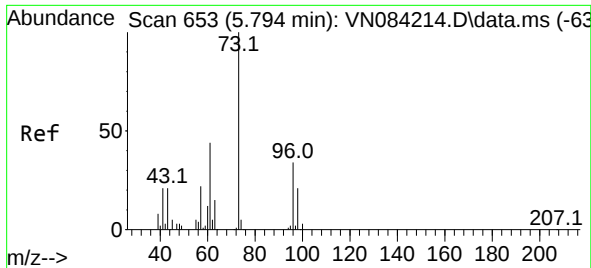
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#18
Methyl Acetate
Concen: 24.287 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

Tgt Ion: 43 Resp: 51601
Ion Ratio Lower Upper
43 100
74 21.9 19.2 28.8





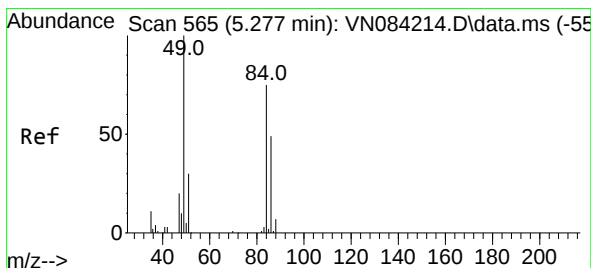
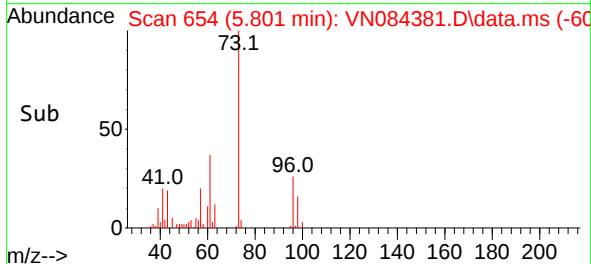
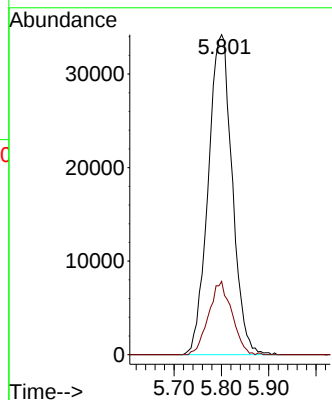
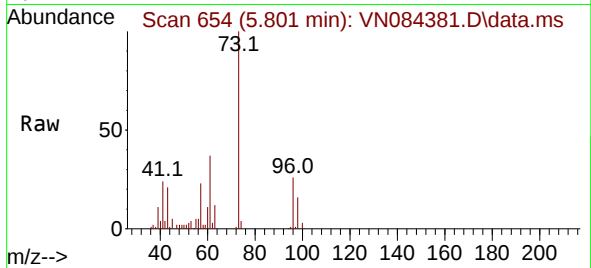
#19
Methyl tert-butyl Ether
Concen: 20.728 ug/l
RT: 5.801 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Tgt Ion: 73 Resp: 12055
Ion Ratio Lower Upper
73 100
57 22.9 17.7 26.5

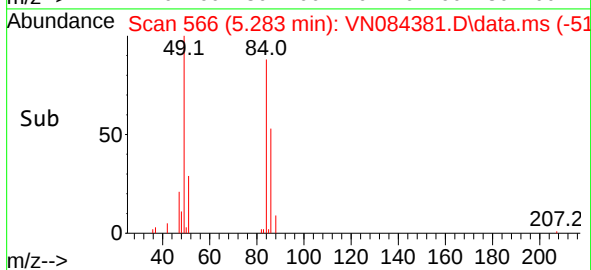
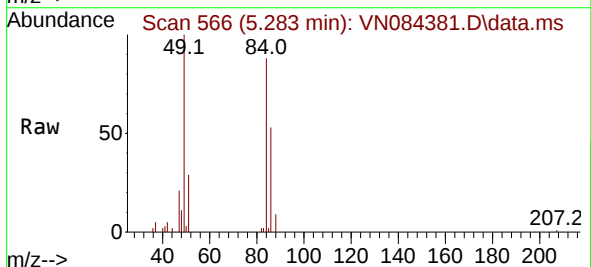
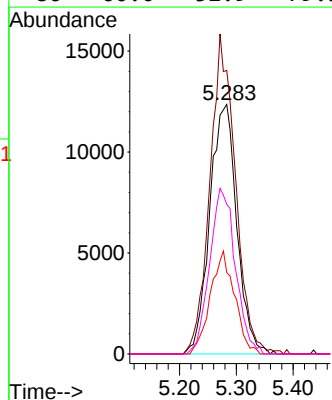
Manual Integrations
APPROVED

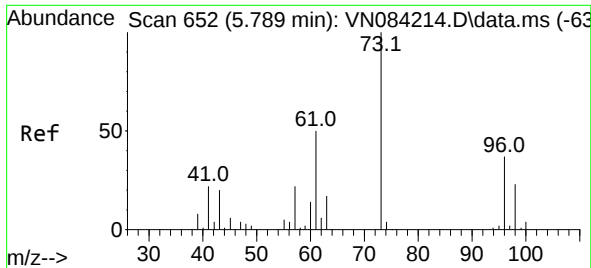
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#20
Methylene Chloride
Concen: 20.638 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

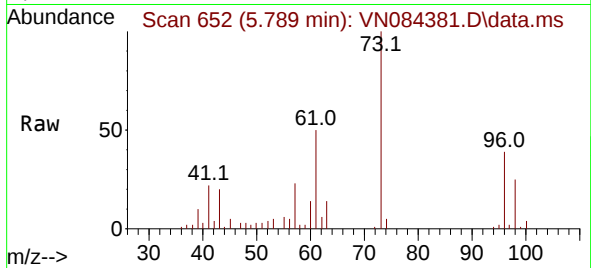
Tgt Ion: 84 Resp: 40895
Ion Ratio Lower Upper
84 100
49 113.7 107.2 160.8
51 32.6 31.8 47.8
86 60.0 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 19.318 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

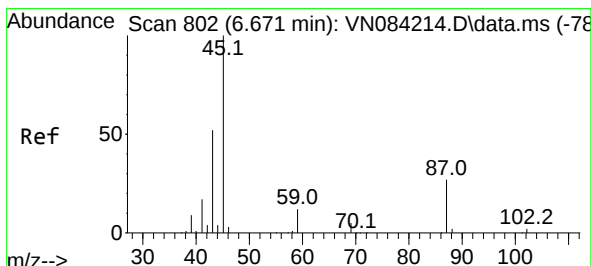
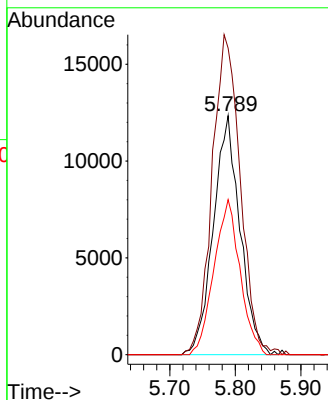
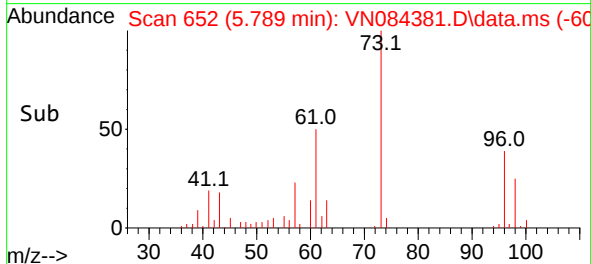
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



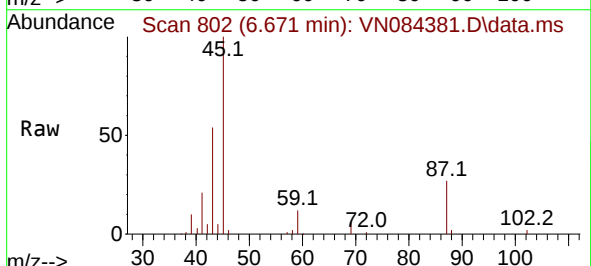
Tgt Ion: 96 Resp: 34870
Ion Ratio Lower Upper
96 100
61 128.2 108.4 162.6
98 64.9 49.8 74.8

Manual Integrations
APPROVED

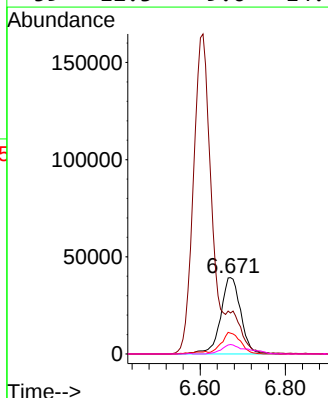
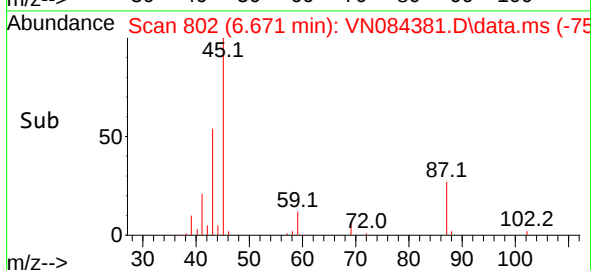
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

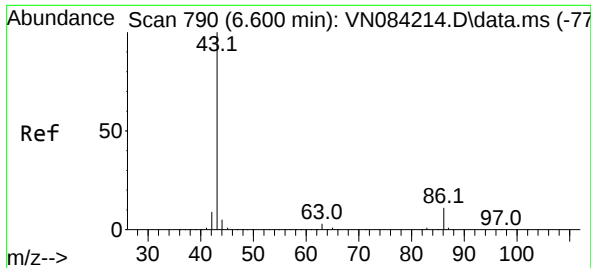


#22
Diisopropyl ether
Concen: 20.734 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40



Tgt Ion: 45 Resp: 128348
Ion Ratio Lower Upper
45 100
43 52.4 42.3 63.5
87 27.3 21.8 32.6
59 12.3 9.6 14.4





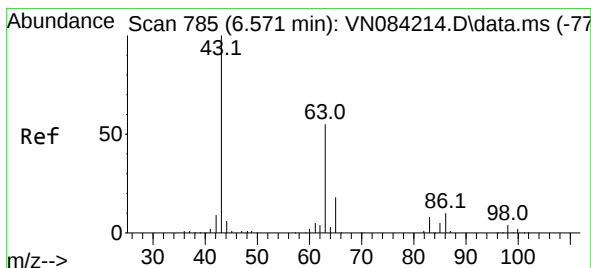
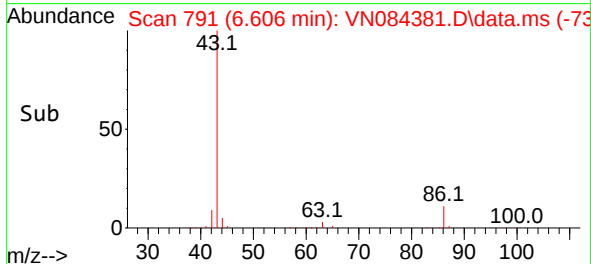
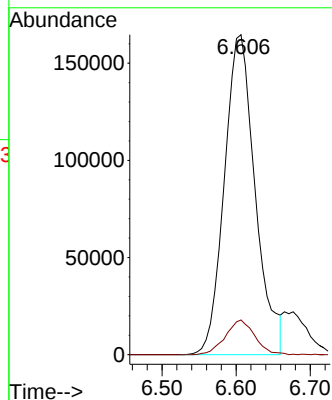
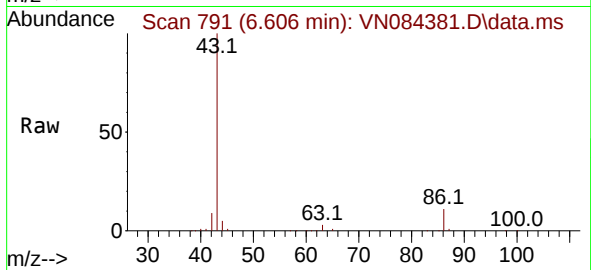
#23
 Vinyl Acetate
 Concen: 103.852 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN084381.D
 Acq: 10 Oct 2024 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBSD01

Tgt Ion: 43 Resp: 476814
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 12.8

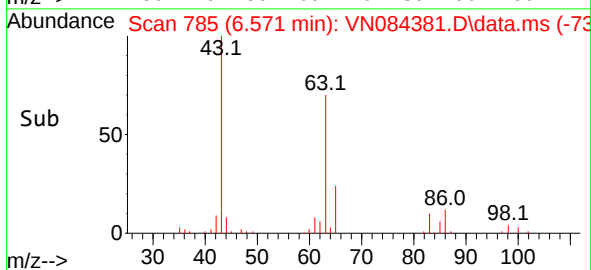
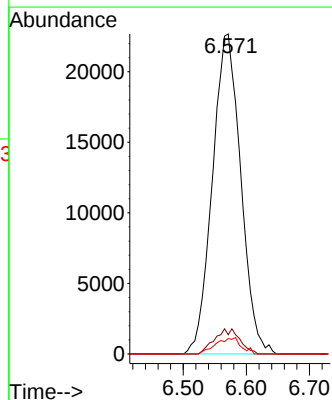
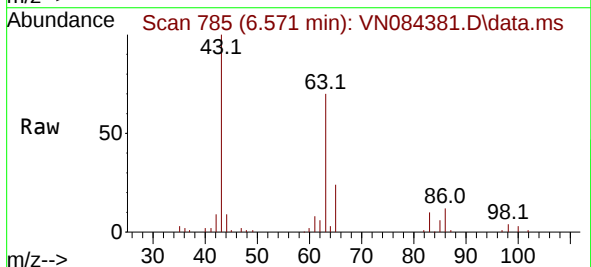
Manual Integrations
 APPROVED

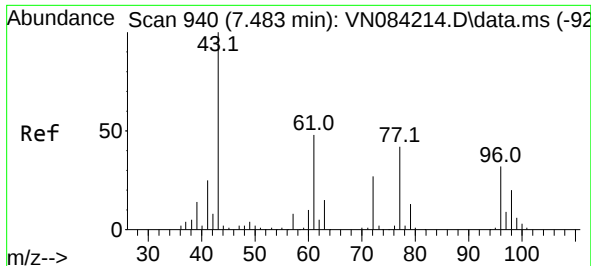
Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#24
 1,1-Dichloroethane
 Concen: 20.444 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN084381.D
 Acq: 10 Oct 2024 11:40

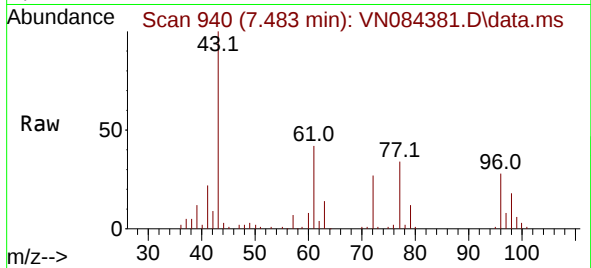
Tgt Ion: 63 Resp: 70772
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.4 10.2
 100 4.8 2.0 5.8





#25
2-Butanone
Concen: 110.994 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

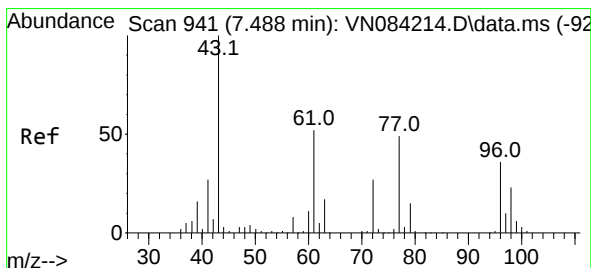
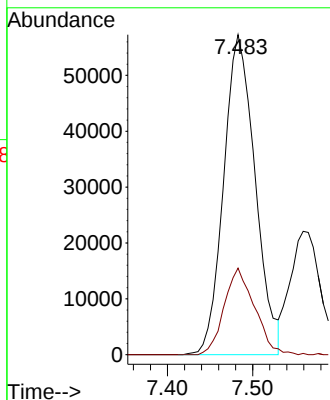
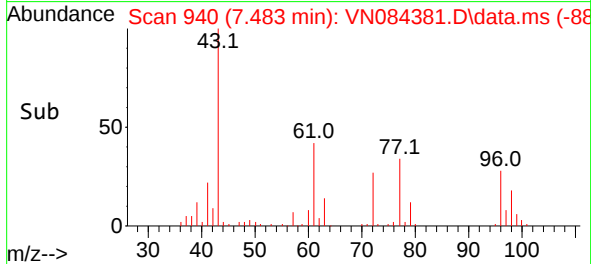
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion: 43 Resp: 147364
Ion Ratio Lower Upper
43 100
72 27.0 21.4 32.2

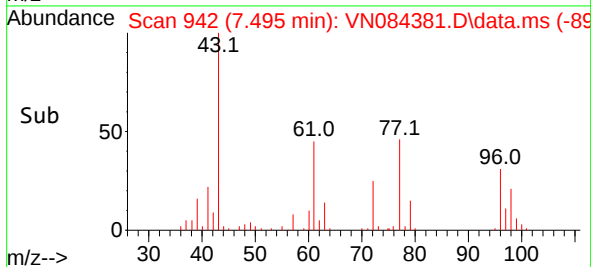
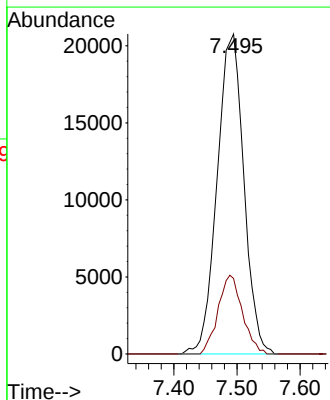
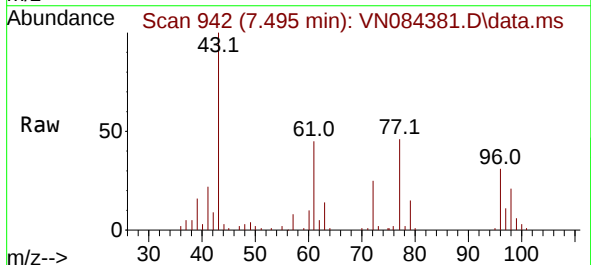
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#26
2,2-Dichloropropane
Concen: 19.519 ug/l
RT: 7.495 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

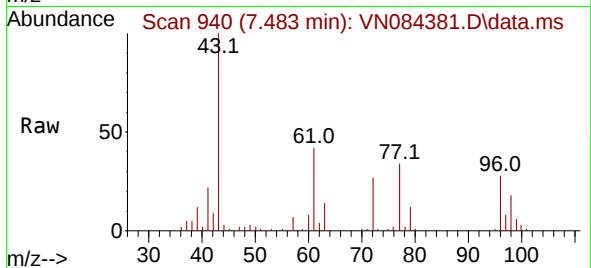
Tgt Ion: 77 Resp: 60923
Ion Ratio Lower Upper
77 100
97 22.4 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 19.851 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN084381.D
 Acq: 10 Oct 2024 11:40

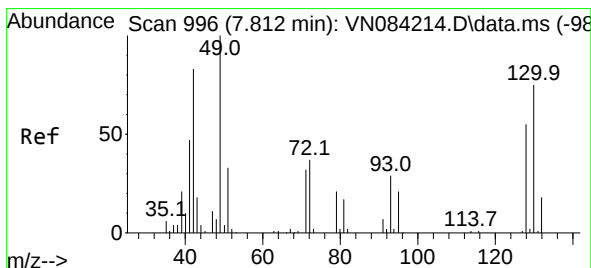
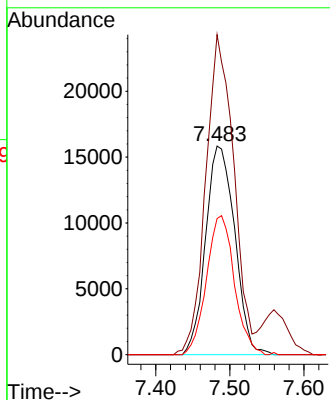
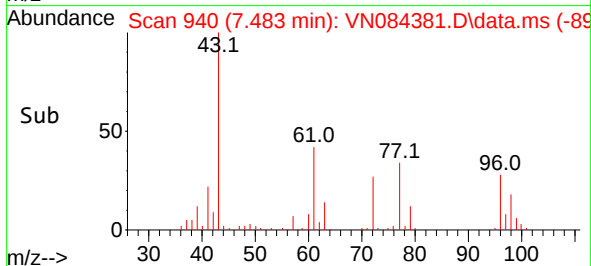
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBSD01



Tgt Ion: 96 Resp: 43300
 Ion Ratio Lower Upper
 96 100
 61 148.2 0.0 301.8
 98 63.7 0.0 128.2

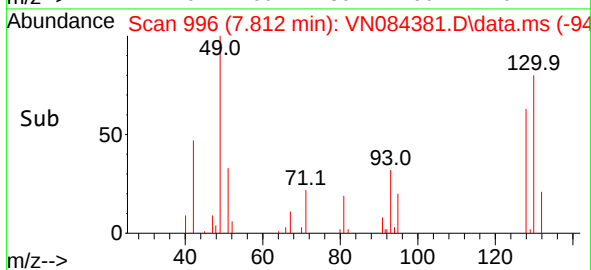
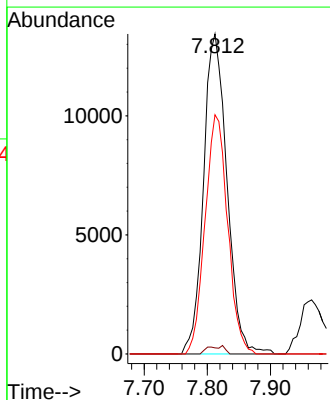
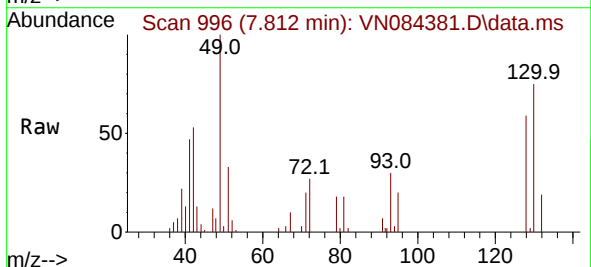
Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#28
 Bromochloromethane
 Concen: 22.451 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN084381.D
 Acq: 10 Oct 2024 11:40

Tgt Ion: 49 Resp: 34677
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 72.0 58.0 87.0





#29

Tetrahydrofuran

Concen: 110.318 ug/l

RT: 7.842 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN084381.D

Acq: 10 Oct 2024 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBSD01

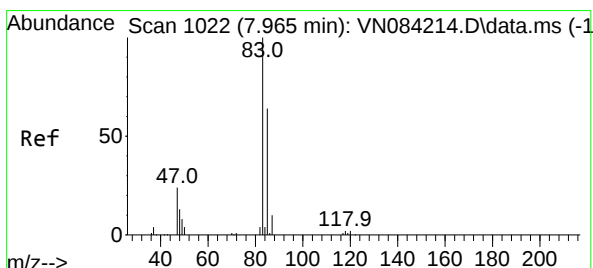
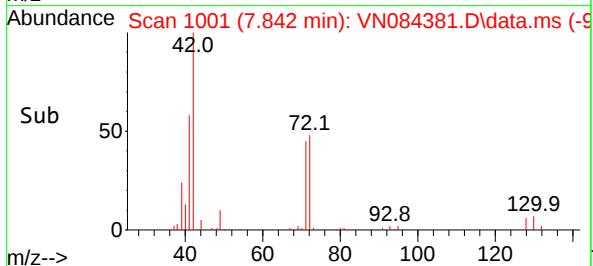
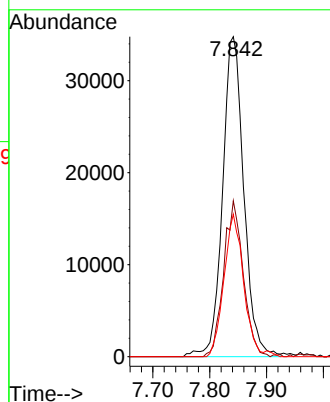
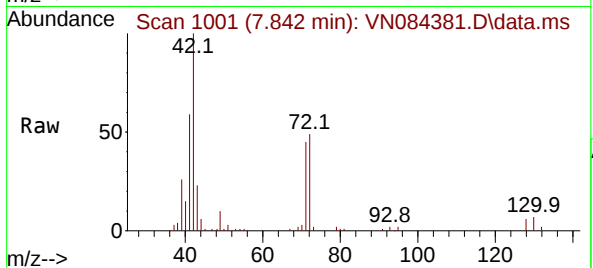
Tgt Ion:	42	Resp:	9038
Ion	Ratio	Lower	Upper
42	100		
72	44.8	34.6	51.8
71	40.8	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#30

Chloroform

Concen: 20.788 ug/l

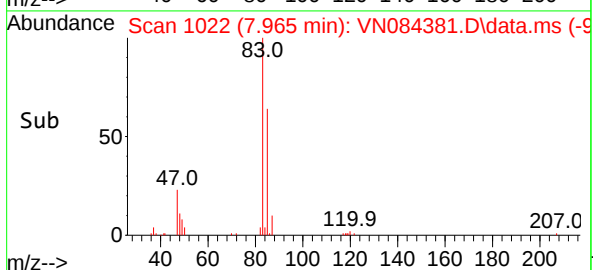
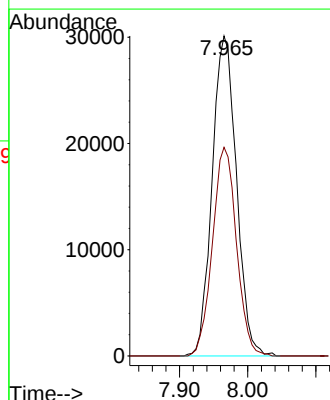
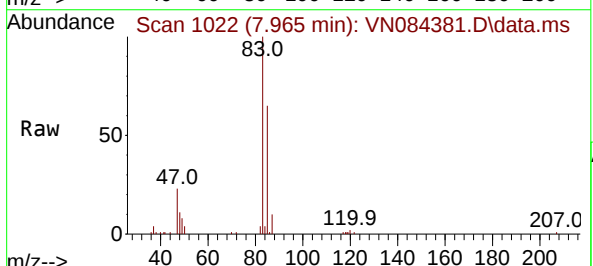
RT: 7.965 min Scan# 1022

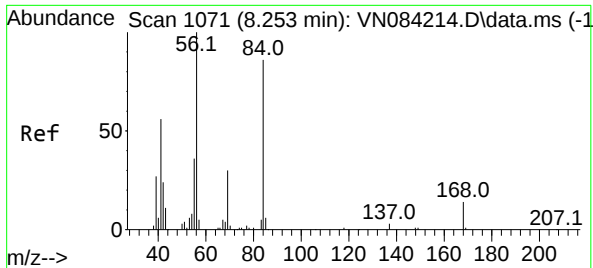
Delta R.T. 0.000 min

Lab File: VN084381.D

Acq: 10 Oct 2024 11:40

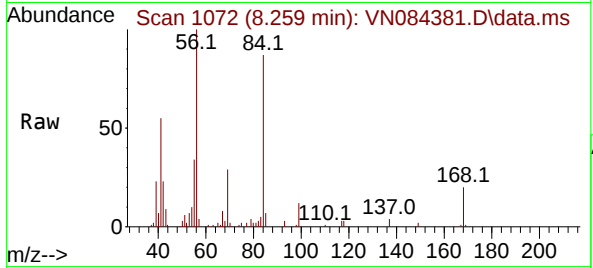
Tgt Ion:	83	Resp:	74750
Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.0	76.4





#31
Cyclohexane
Concen: 17.550 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

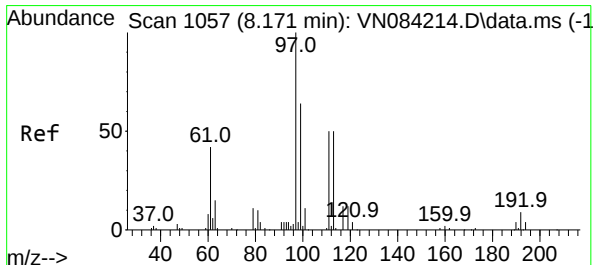
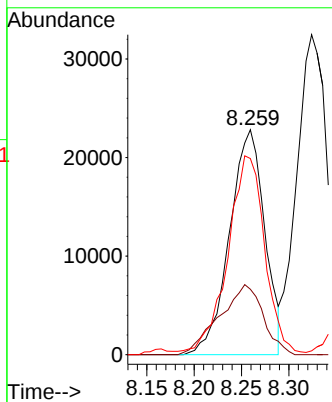
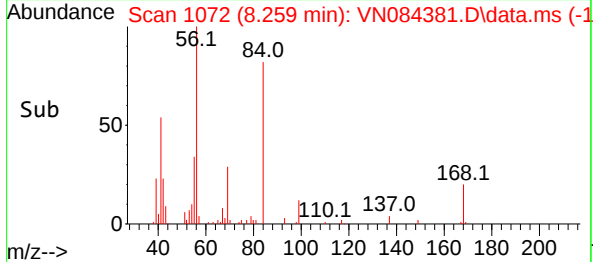
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion: 56 Resp: 5898
Ion Ratio Lower Upper
56 100
69 29.1 23.8 35.6
84 85.7 68.8 103.2

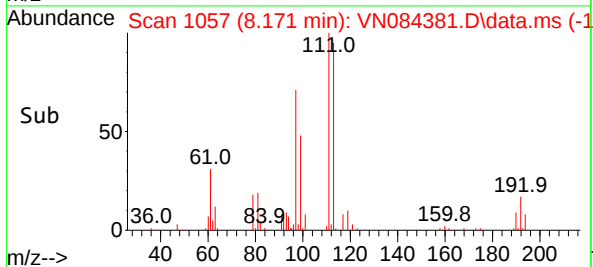
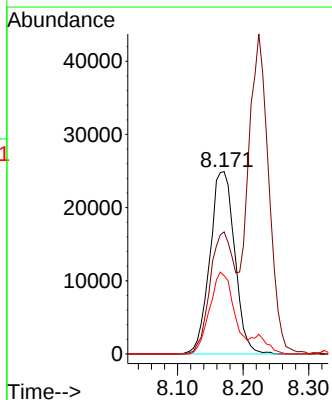
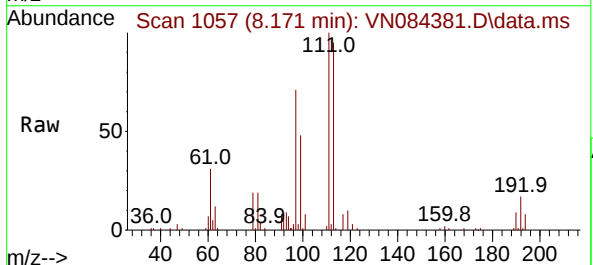
Manual Integrations
APPROVED

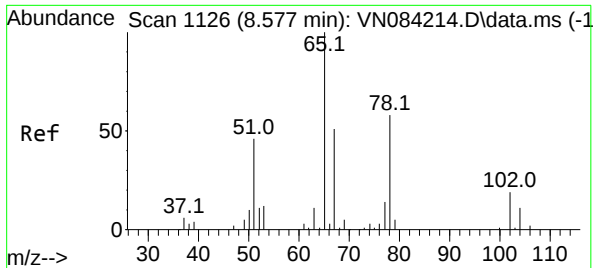
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#32
1,1,1-Trichloroethane
Concen: 20.240 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

Tgt Ion: 97 Resp: 65365
Ion Ratio Lower Upper
97 100
99 63.4 51.2 76.8
61 44.0 37.5 56.3





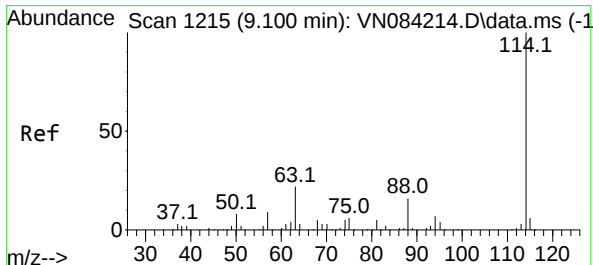
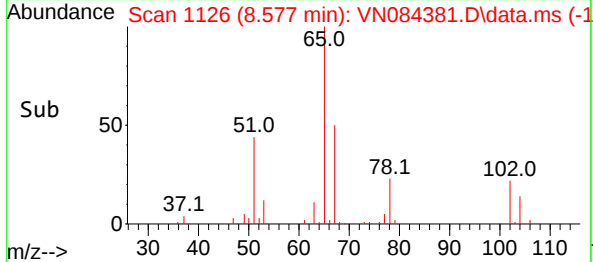
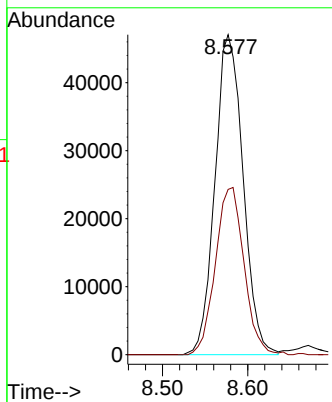
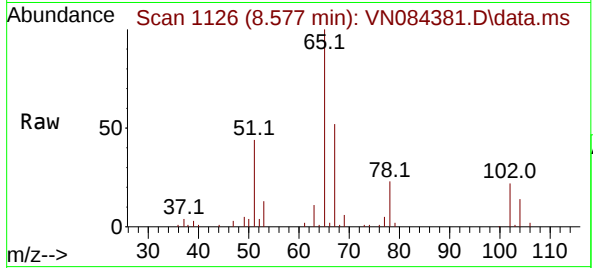
#33
 1,2-Dichloroethane-d4
 Concen: 47.508 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN084381.D
 Acq: 10 Oct 2024 11:40

Instrument : MSVOA_N
 ClientSampleId : VN1010WBSD01

Tgt Ion: 65 Resp: 10780
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 102.0

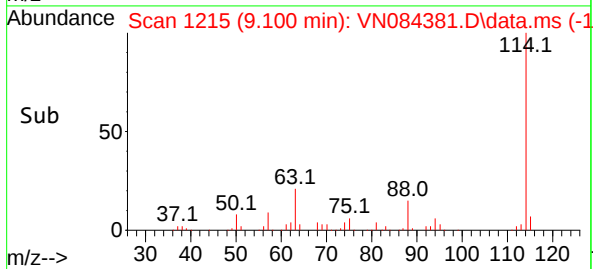
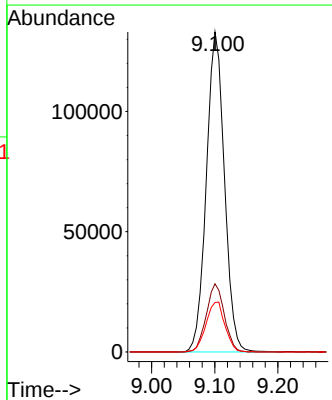
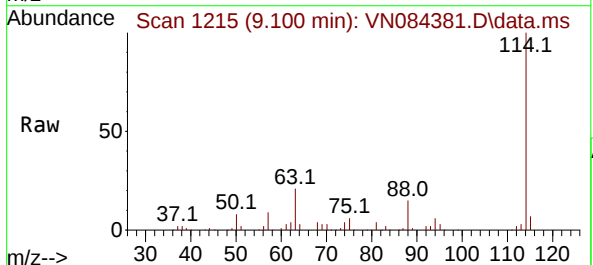
Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084381.D
 Acq: 10 Oct 2024 11:40

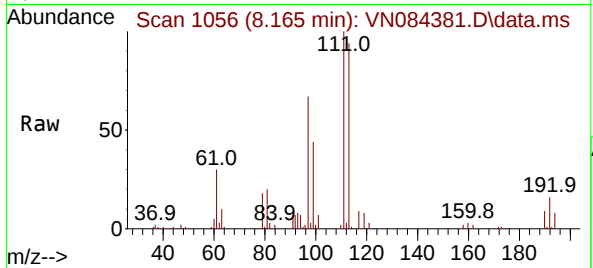
Tgt Ion:114 Resp: 264524
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.8
 88 15.5 0.0 31.6





#35
Dibromofluoromethane
Concen: 48.792 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

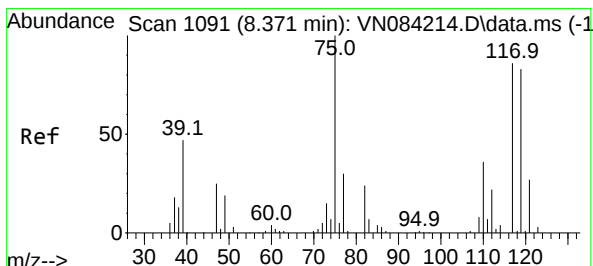
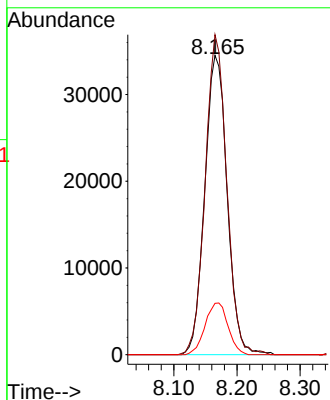
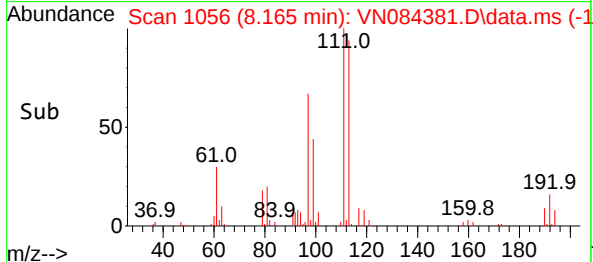
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



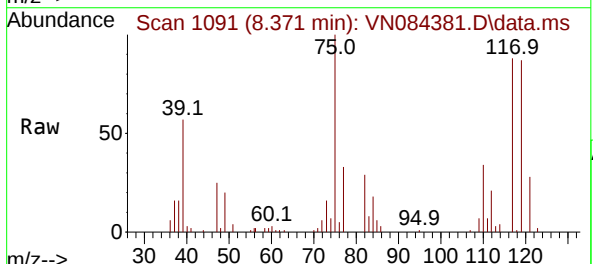
Tgt Ion: 113 Resp: 8508
Ion Ratio Lower Upper
113 100
111 102.7 83.3 124.9
192 17.6 13.5 20.3

Manual Integrations
APPROVED

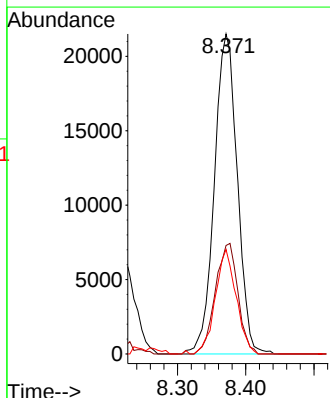
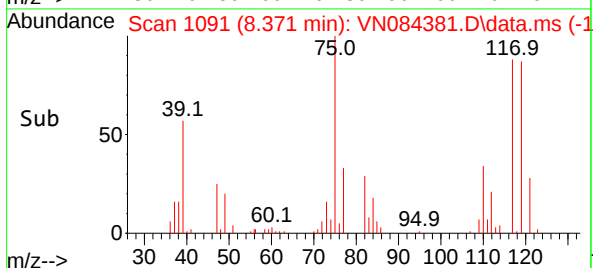
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

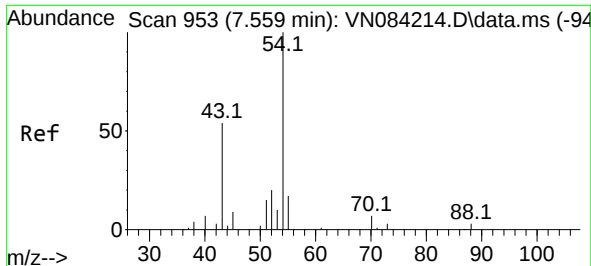


#36
1,1-Dichloropropene
Concen: 19.881 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40



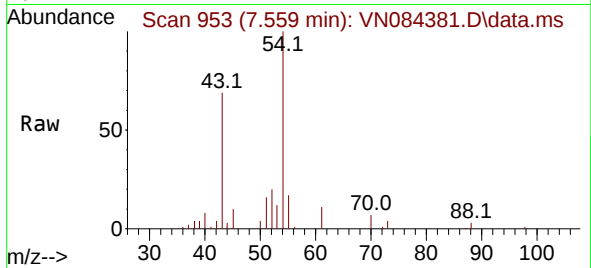
Tgt Ion: 75 Resp: 50360
Ion Ratio Lower Upper
75 100
110 33.9 16.9 50.7
77 29.7 24.7 37.1





#37
Ethyl Acetate
Concen: 22.379 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

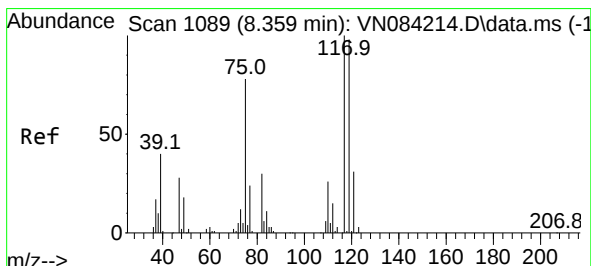
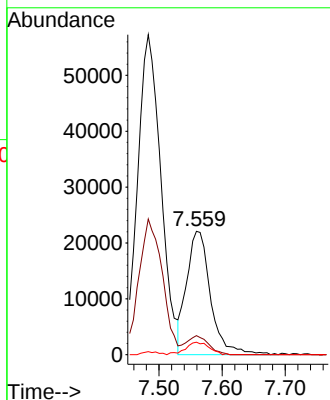
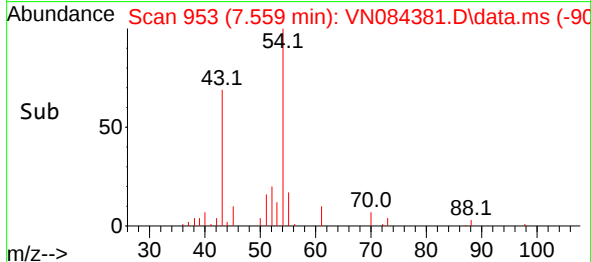
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



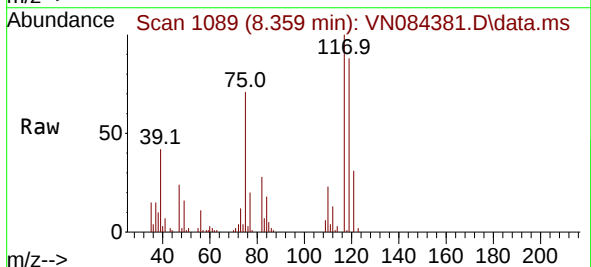
Tgt Ion: 43 Resp: 58158
Ion Ratio Lower Upper
43 100
61 13.5 10.7 16.1
70 10.0 8.8 13.2

Manual Integrations
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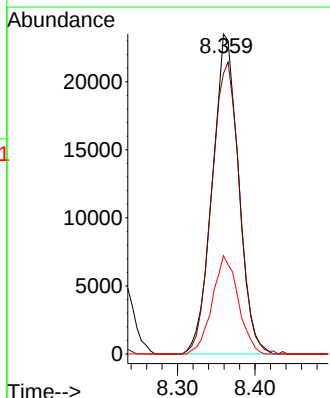
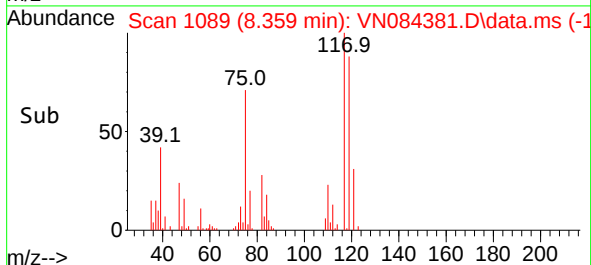
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

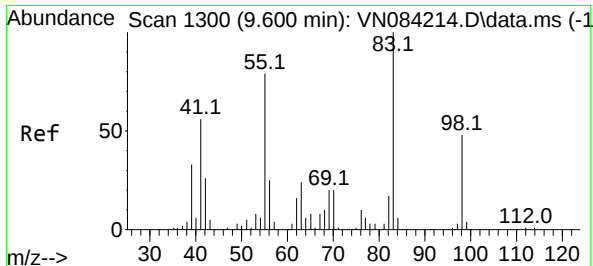


#38
Carbon Tetrachloride
Concen: 19.905 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40



Tgt Ion:117 Resp: 55309
Ion Ratio Lower Upper
117 100
119 87.6 78.7 118.1
121 30.7 24.4 36.6





#39

Methylcyclohexane

Concen: 17.886 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN084381.D

Acq: 10 Oct 2024 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBSD01

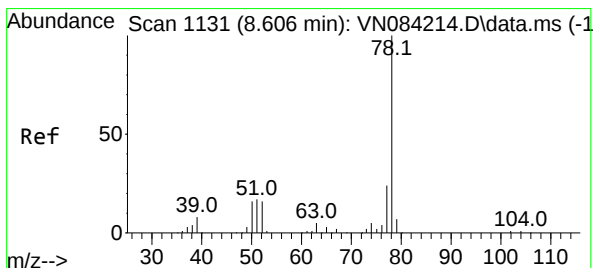
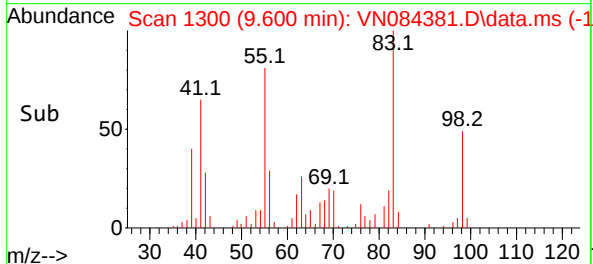
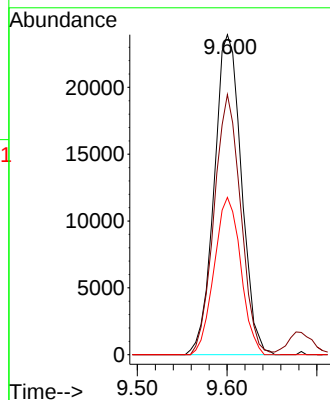
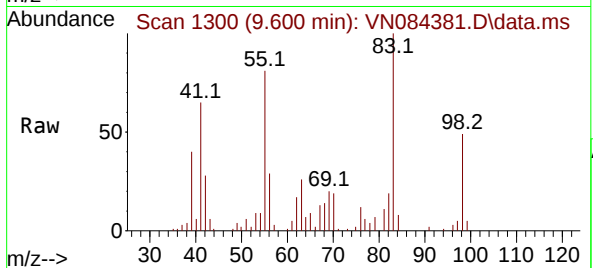
Tgt Ion: 83	Resp: 50424
Ion Ratio	Lower Upper
83	100
55	81.3 62.8 94.2
98	49.2 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#40

Benzene

Concen: 20.032 ug/l

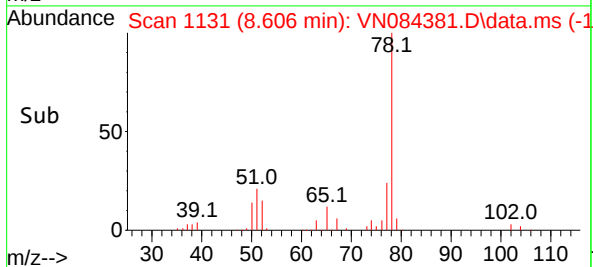
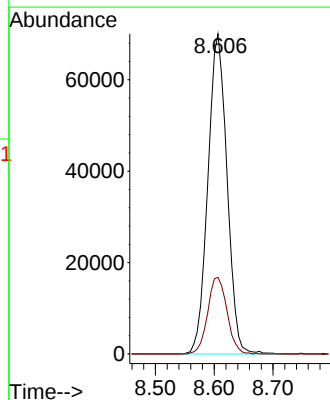
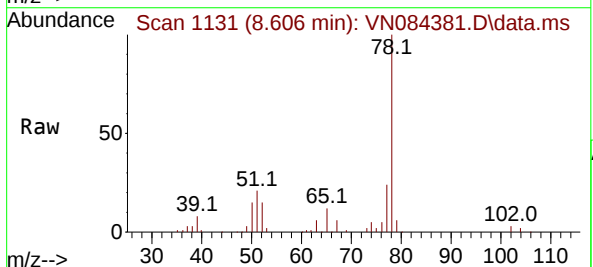
RT: 8.606 min Scan# 1131

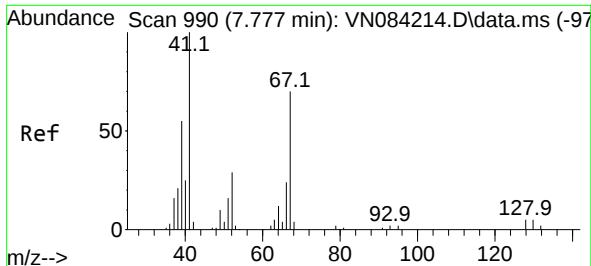
Delta R.T. 0.000 min

Lab File: VN084381.D

Acq: 10 Oct 2024 11:40

Tgt Ion: 78	Resp: 158097
Ion Ratio	Lower Upper
78	100
77	24.0 19.1 28.7





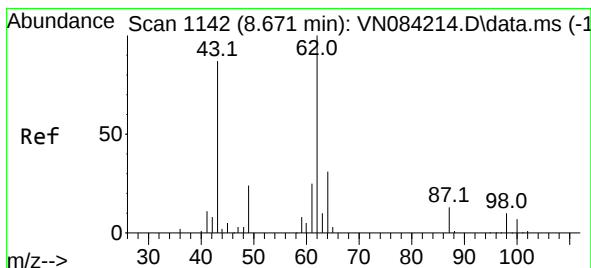
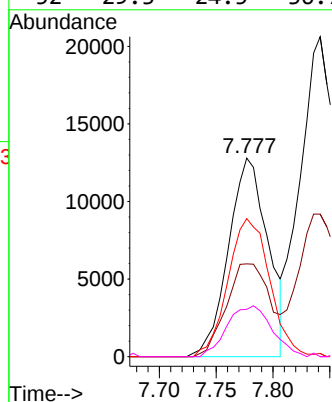
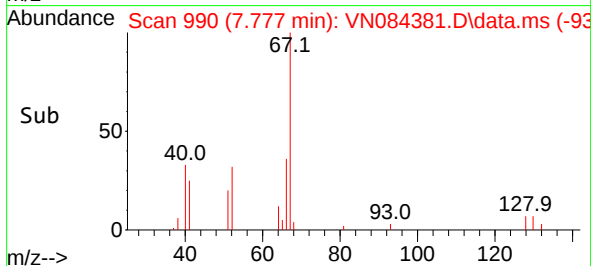
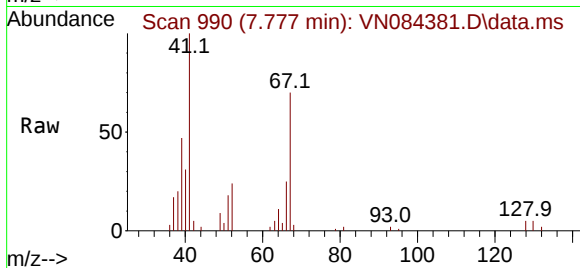
#41
Methacrylonitrile
Concen: 21.894 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Tgt Ion: 41	Resp: 3088
Ion Ratio	Lower Upper
41 100	
39 51.8	43.3 64.9
67 73.8	56.1 84.1
52 29.3	24.5 36.7

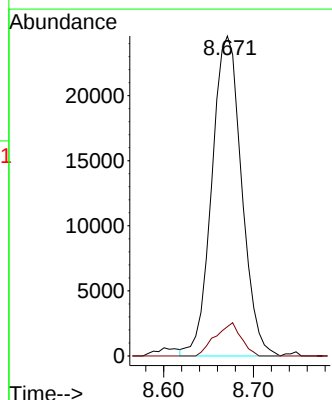
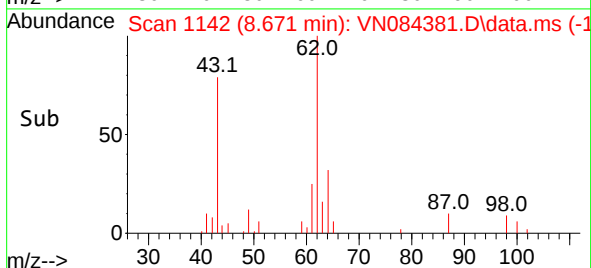
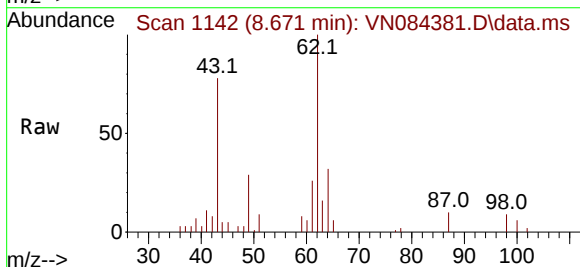
Manual Integrations
APPROVED

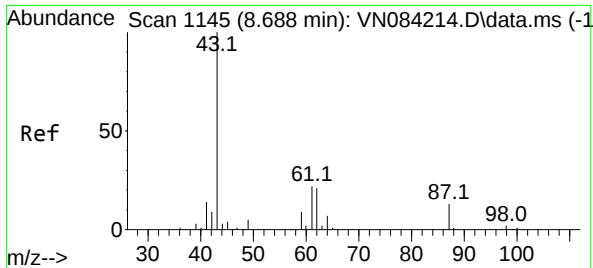
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#42
1,2-Dichloroethane
Concen: 21.173 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

Tgt Ion: 62	Resp: 56650
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 18.2





#43

Isopropyl Acetate

Concen: 19.064 ug/l

RT: 8.689 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084381.D

Acq: 10 Oct 2024 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBSD01

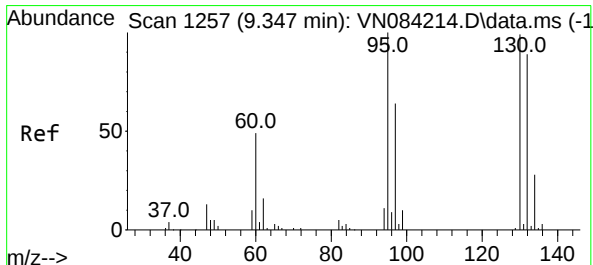
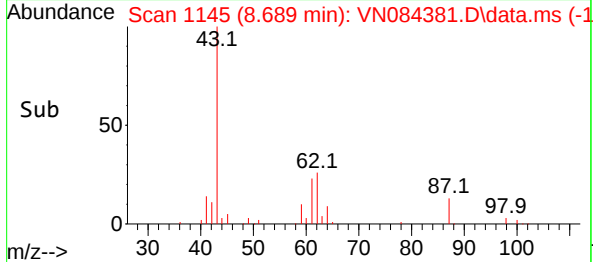
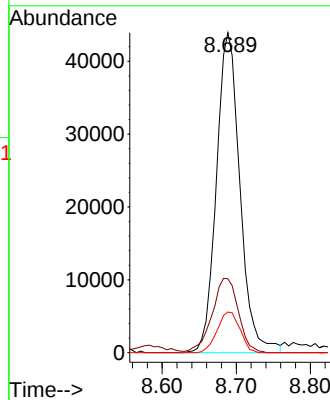
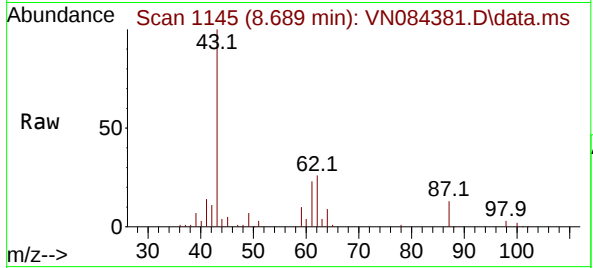
Tgt Ion: 43	Resp: 97030
Ion Ratio	Lower Upper
43	100
61	25.9 20.4 30.6
87	12.2 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#44

Trichloroethene

Concen: 19.657 ug/l

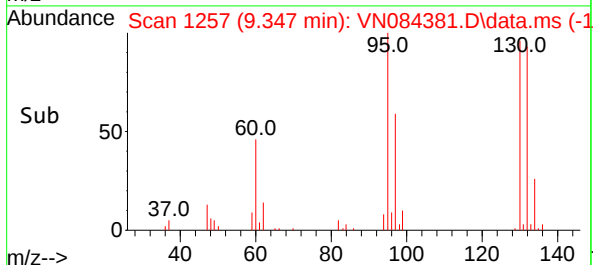
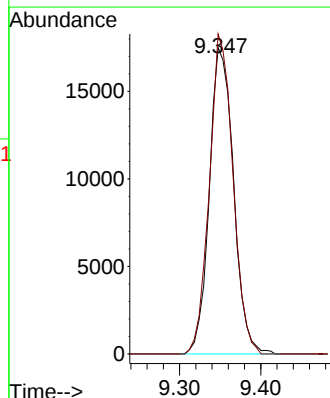
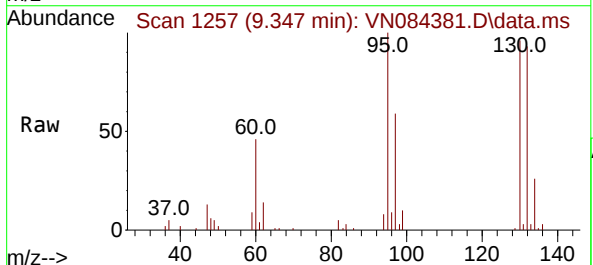
RT: 9.347 min Scan# 1257

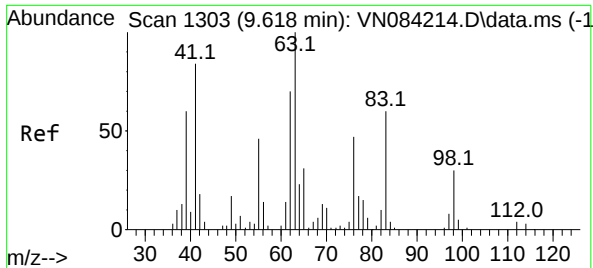
Delta R.T. 0.000 min

Lab File: VN084381.D

Acq: 10 Oct 2024 11:40

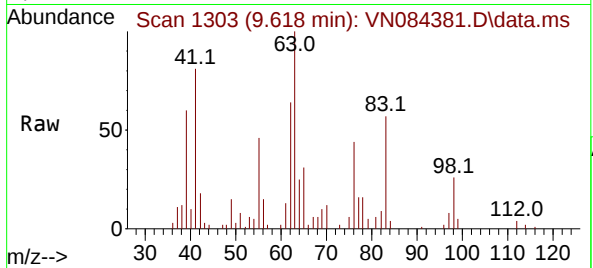
Tgt Ion:130	Resp: 36234
Ion Ratio	Lower Upper
130	100
95	104.5 0.0 203.0





#45
1,2-Dichloropropane
Concen: 21.396 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

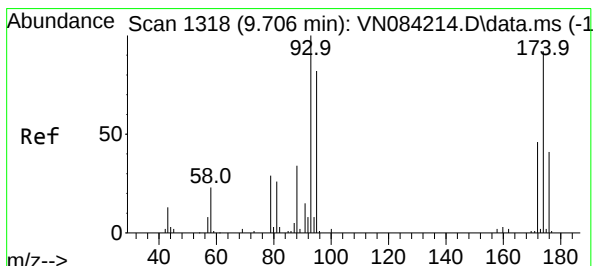
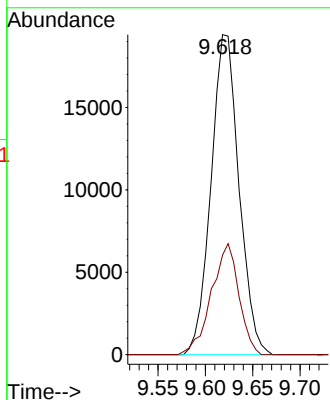
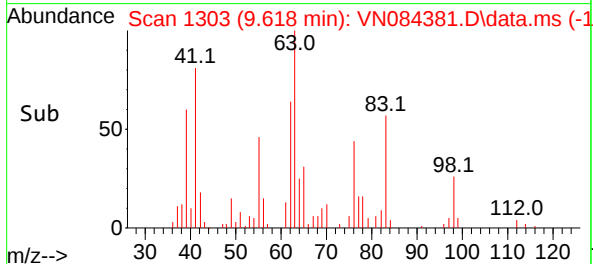
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



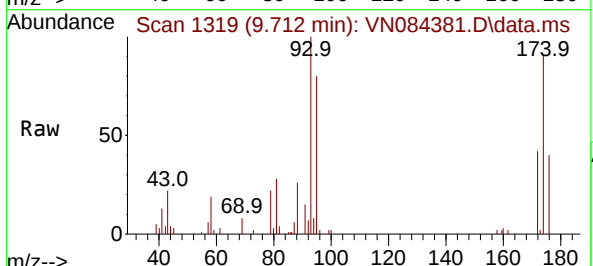
Tgt Ion: 63 Resp: 3994
Ion Ratio Lower Upper
63 100
65 31.1 24.6 37.0

Manual Integrations
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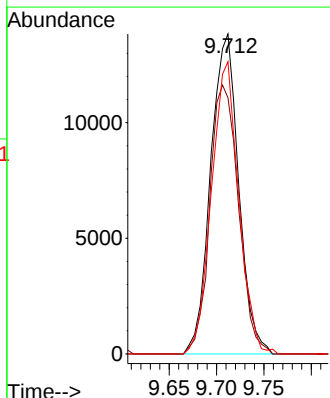
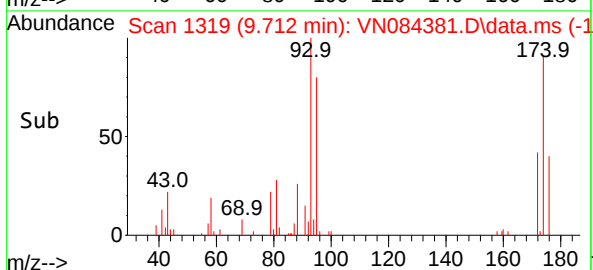
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

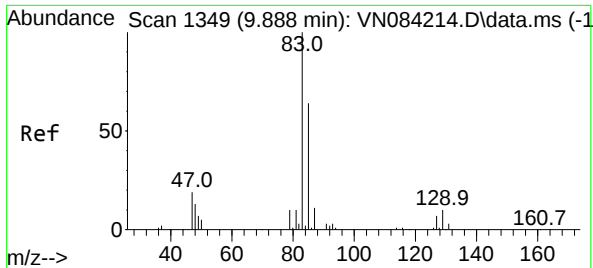


#46
Dibromomethane
Concen: 22.622 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40



Tgt Ion: 93 Resp: 28502
Ion Ratio Lower Upper
93 100
95 86.1 65.0 97.4
174 88.8 71.8 107.8





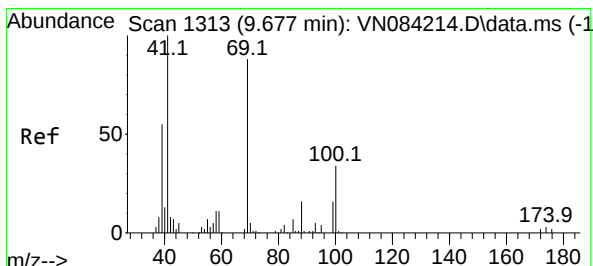
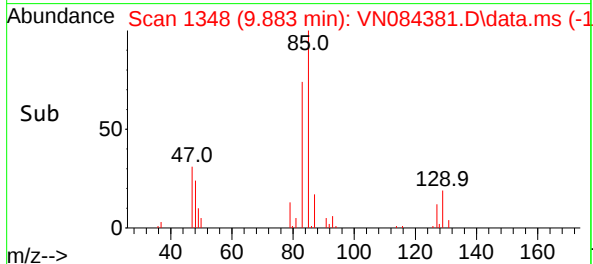
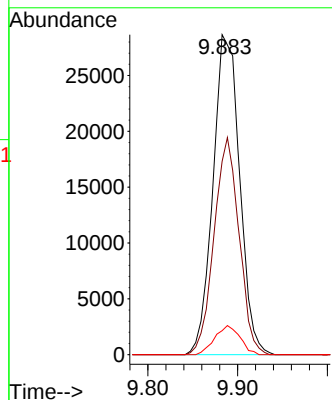
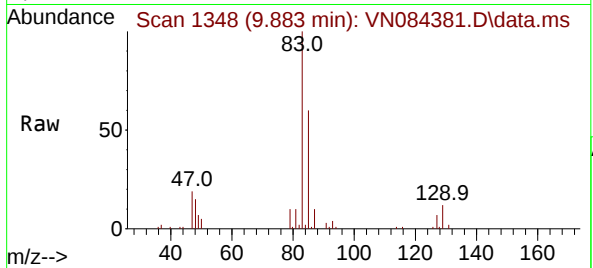
#47
Bromodichloromethane
Concen: 21.101 ug/l
RT: 9.883 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Tgt Ion: 83 Resp: 5906
Ion Ratio Lower Upper
83 100
85 60.4 51.5 77.3
127 7.5 5.7 8.5

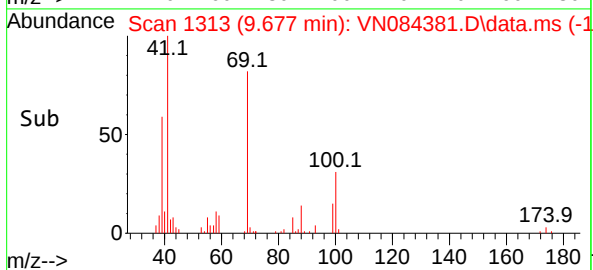
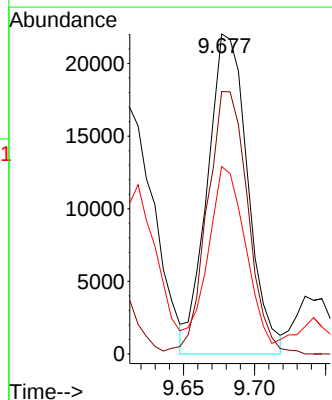
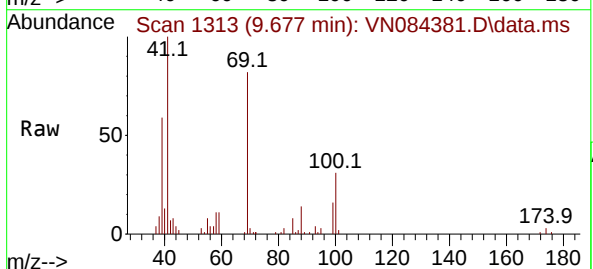
Manual Integrations
APPROVED

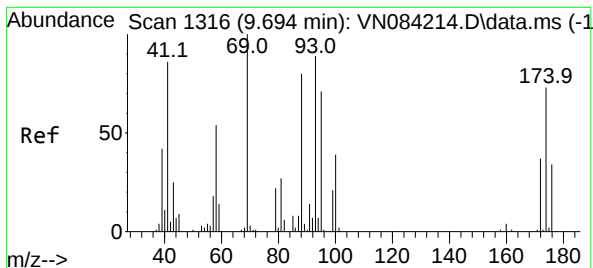
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#48
Methyl methacrylate
Concen: 21.460 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

Tgt Ion: 41 Resp: 43484
Ion Ratio Lower Upper
41 100
69 82.4 67.1 100.7
39 56.8 45.8 68.6





#49

1,4-Dioxane

Concen: 461.995 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN084381.D

Acq: 10 Oct 2024 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBSD01

Tgt Ion: 88 Resp: 17234

Ion Ratio Lower Upper

88 100

43 25.4 25.3 37.9

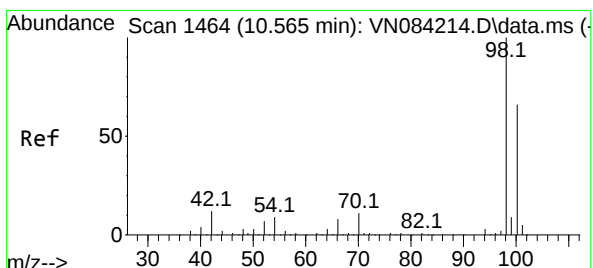
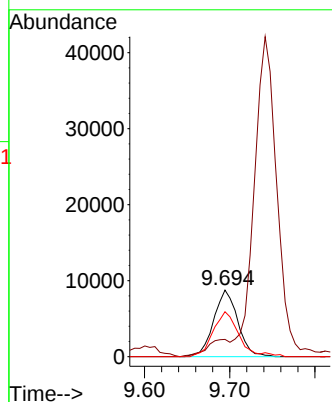
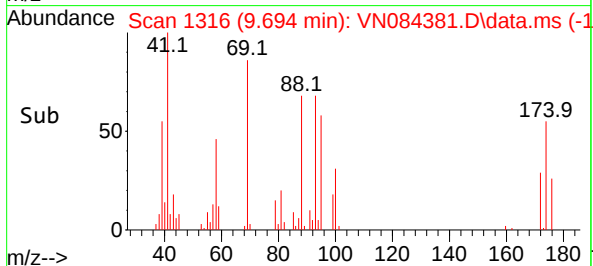
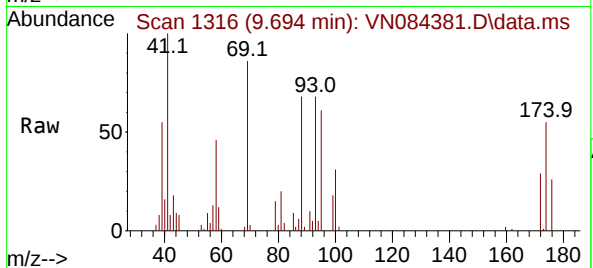
58 72.4 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#50

Toluene-d8

Concen: 48.066 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084381.D

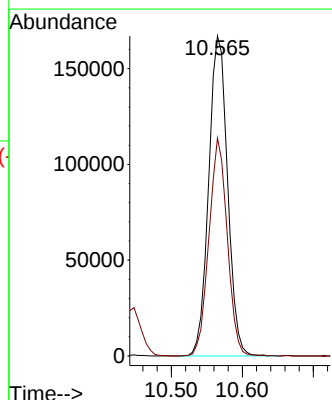
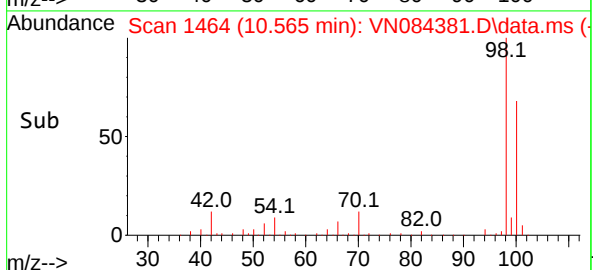
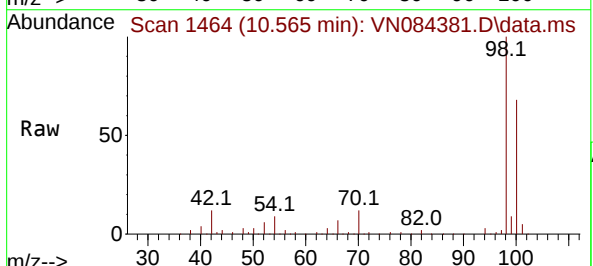
Acq: 10 Oct 2024 11:40

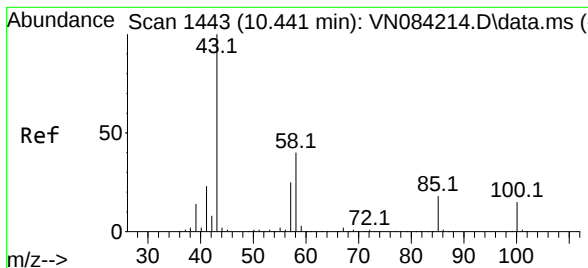
Tgt Ion: 98 Resp: 308392

Ion Ratio Lower Upper

98 100

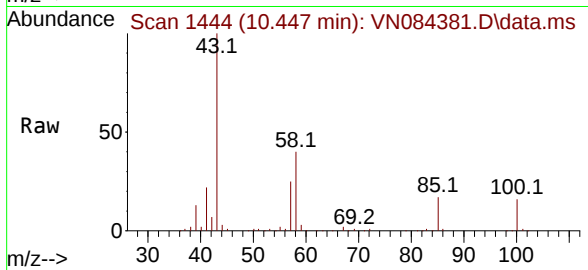
100 66.1 52.7 79.1





#51
4-Methyl-2-Pentanone
Concen: 116.706 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

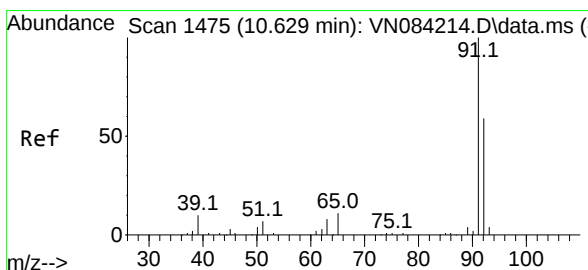
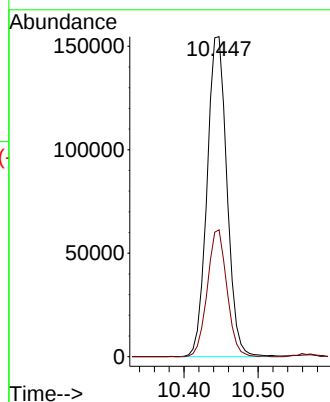
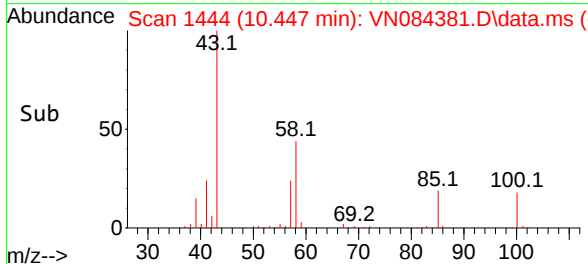
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion: 43 Resp: 28871
Ion Ratio Lower Upper
43 100
58 39.0 31.6 47.4

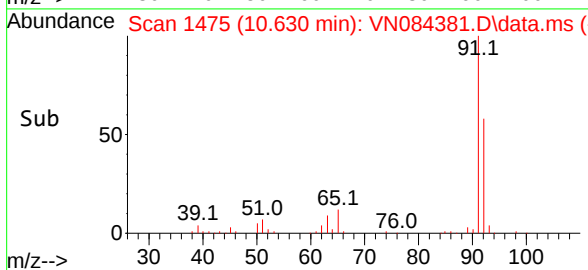
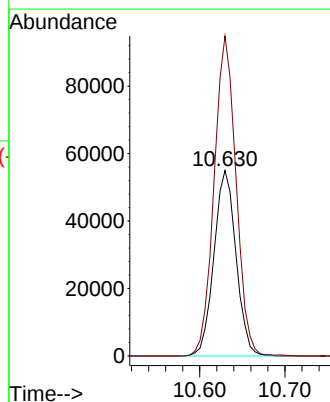
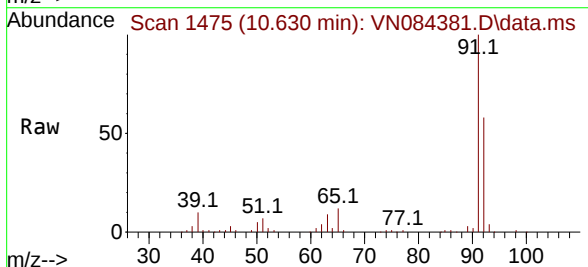
Manual Integrations
APPROVED

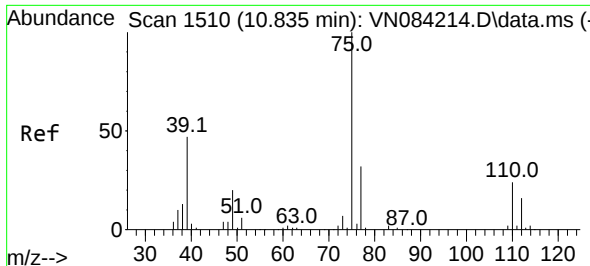
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#52
Toluene
Concen: 20.565 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

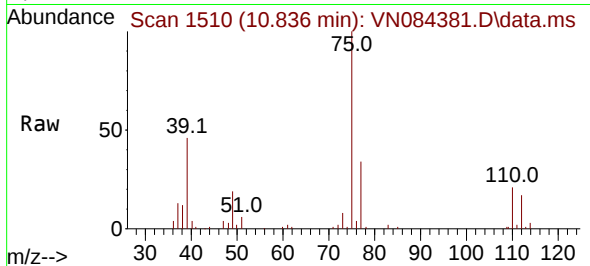
Tgt Ion: 92 Resp: 98973
Ion Ratio Lower Upper
92 100
91 171.9 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 20.258 ug/l
RT: 10.836 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

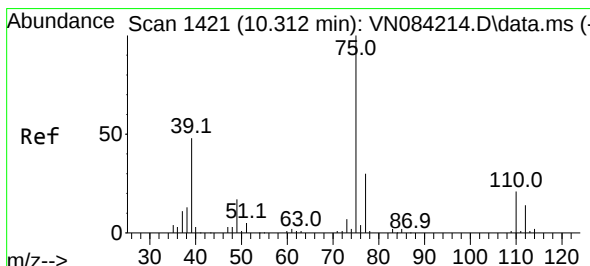
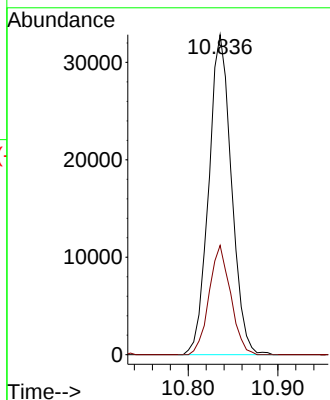
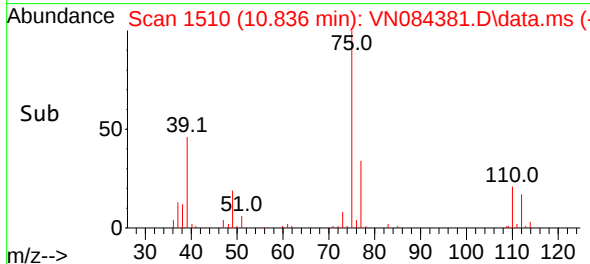
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



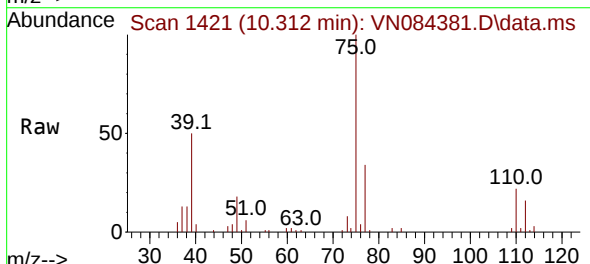
Tgt Ion: 75 Resp: 57804
Ion Ratio Lower Upper
75 100
77 34.1 25.4 38.0

Manual Integrations
APPROVED

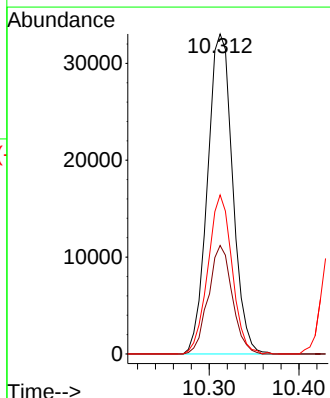
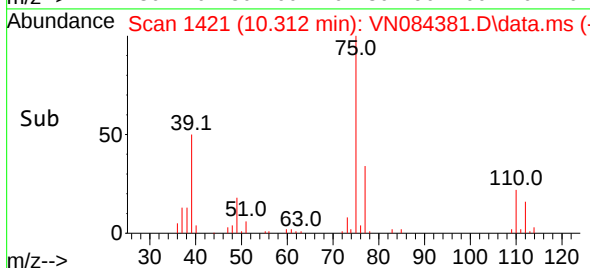
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

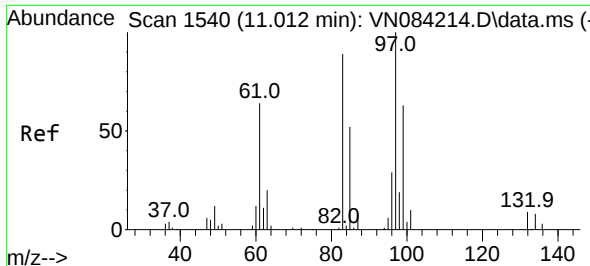


#54
cis-1,3-Dichloropropene
Concen: 20.894 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40



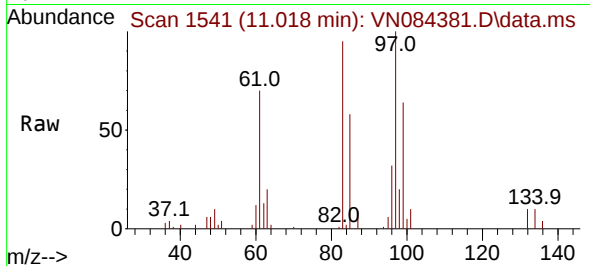
Tgt Ion: 75 Resp: 64127
Ion Ratio Lower Upper
75 100
77 33.9 24.2 36.2
39 49.7 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 22.000 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

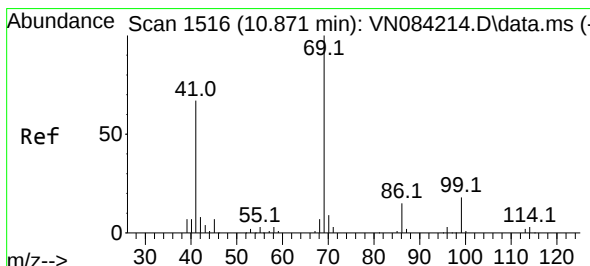
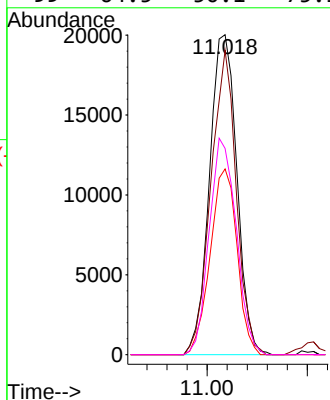
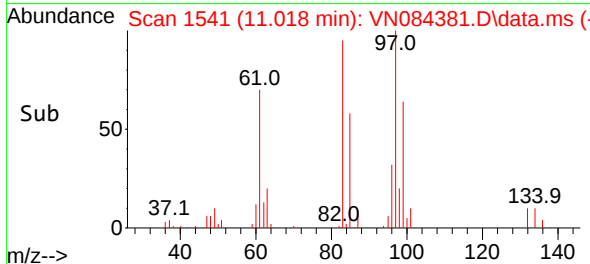


Tgt Ion: 97 Resp: 3795

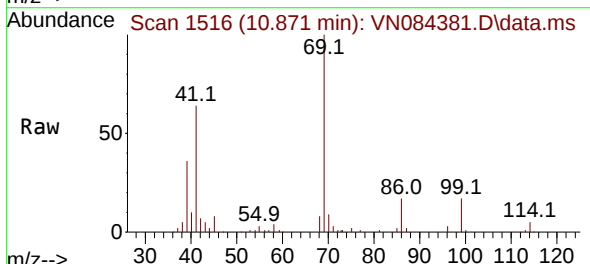
Ion	Ratio	Lower	Upper
97	100		
83	95.1	71.0	106.4
85	58.1	41.7	62.5
99	64.5	50.1	75.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

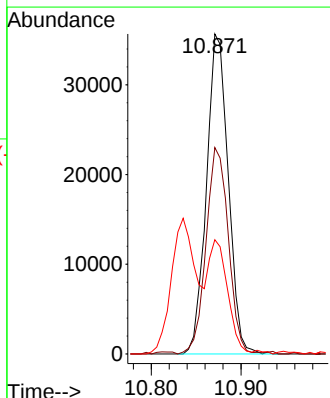
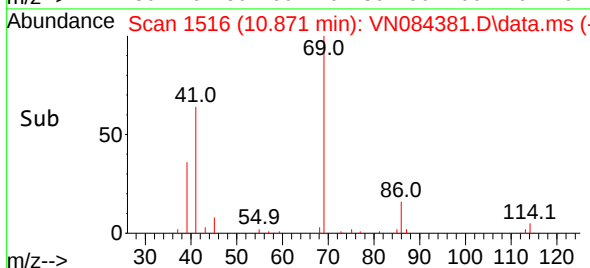


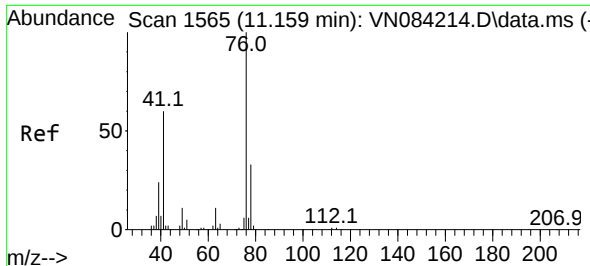
#56
Ethyl methacrylate
Concen: 21.175 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40



Tgt Ion: 69 Resp: 60115

Ion	Ratio	Lower	Upper
69	100		
41	66.2	53.3	79.9
39	30.2	28.8	43.2





#57

1,3-Dichloropropane

Concen: 21.564 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN084381.D

Acq: 10 Oct 2024 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBSD01

Tgt Ion: 76 Resp: 66480

Ion Ratio Lower Upper

76 100

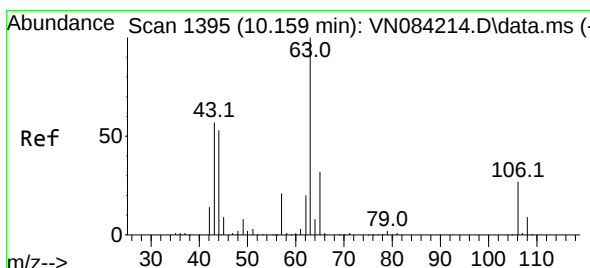
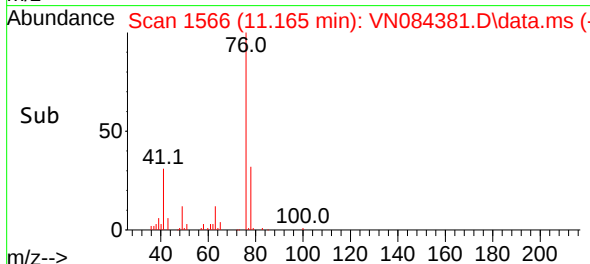
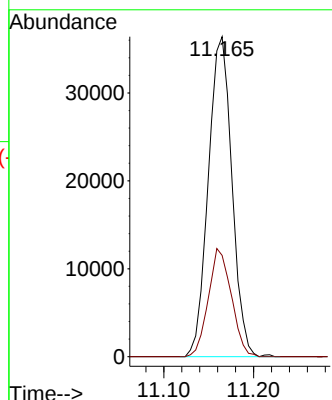
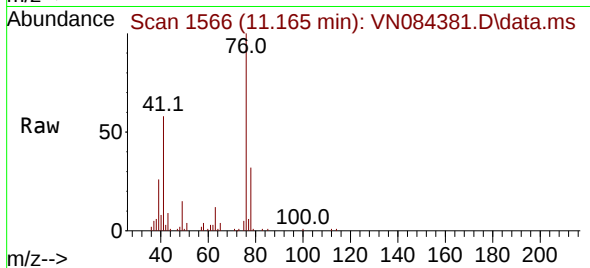
78 32.9 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#58

2-Chloroethyl Vinyl ether

Concen: 101.384 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN084381.D

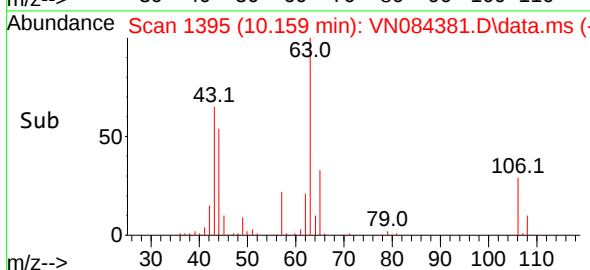
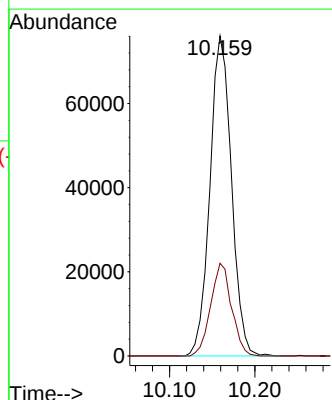
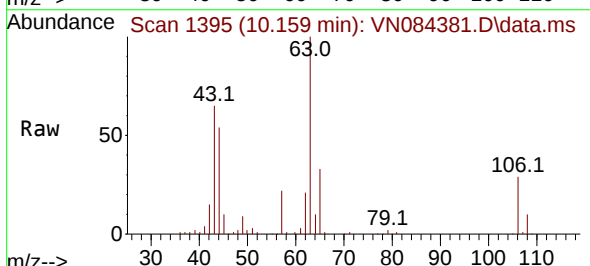
Acq: 10 Oct 2024 11:40

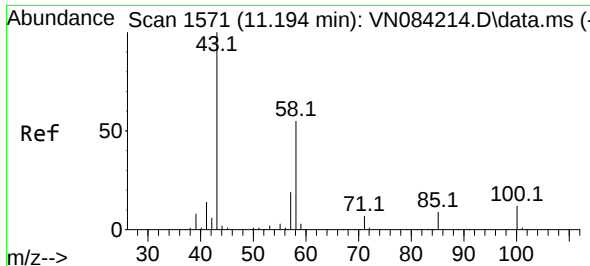
Tgt Ion: 63 Resp: 133517

Ion Ratio Lower Upper

63 100

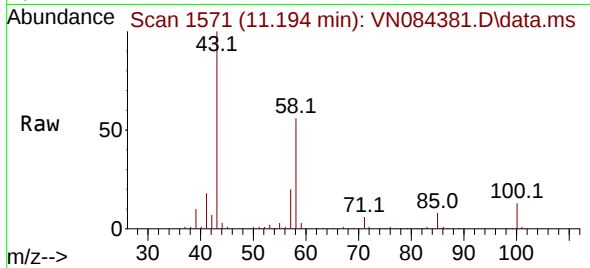
106 28.1 21.8 32.6





#59
2-Hexanone
Concen: 114.173 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

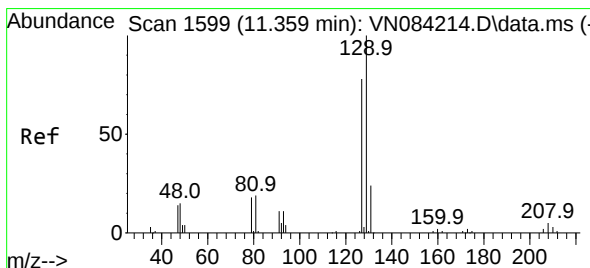
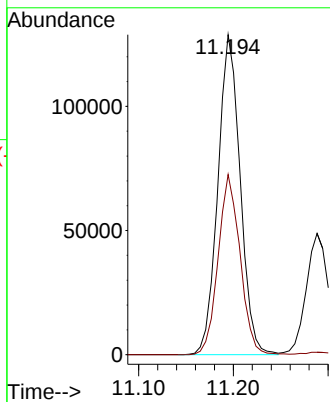
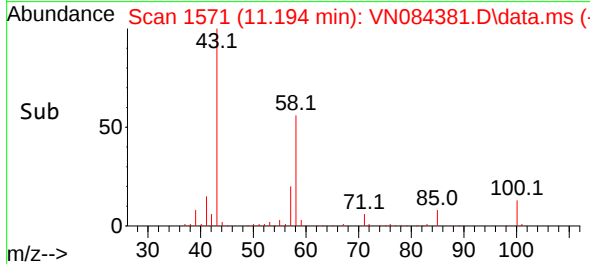
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion: 43 Resp: 21110
Ion Ratio Lower Upper
43 100
58 55.3 27.3 81.8

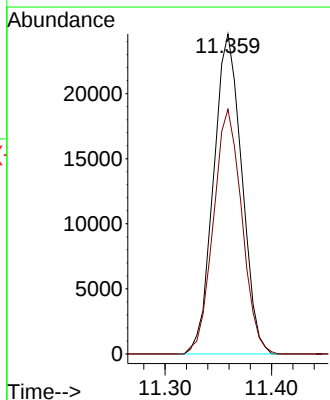
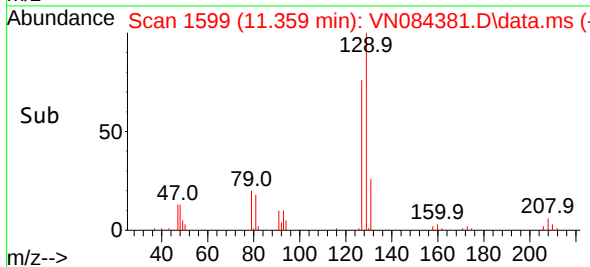
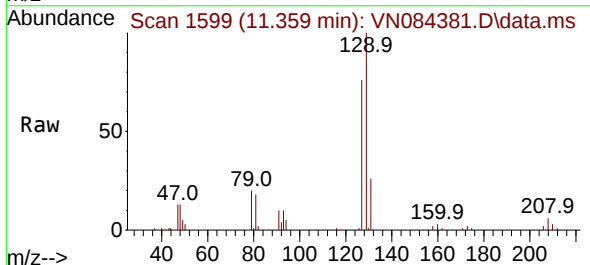
Manual Integrations
APPROVED

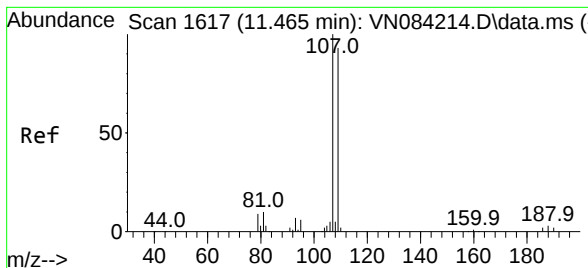
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#60
Dibromochloromethane
Concen: 22.147 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

Tgt Ion:129 Resp: 45147
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.9





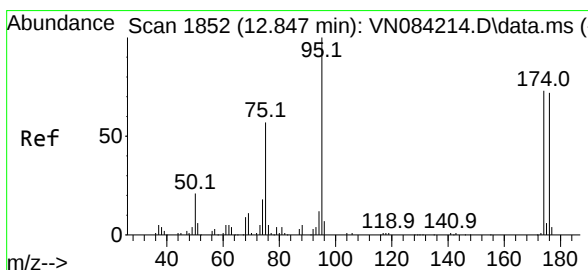
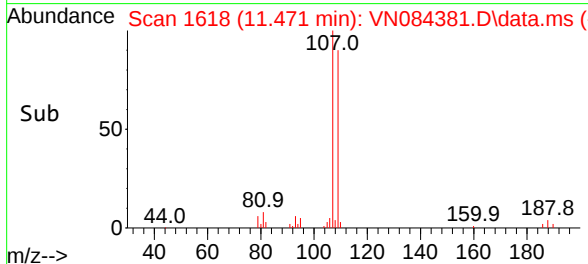
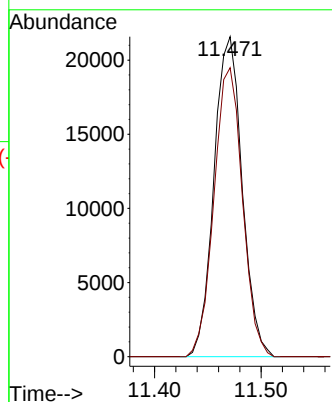
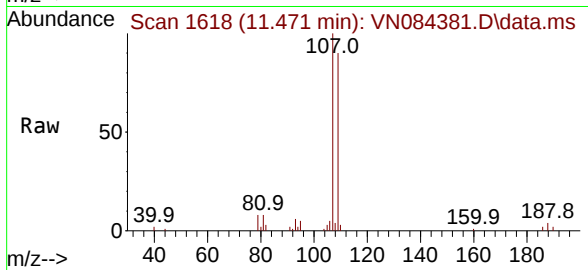
#61
1,2-Dibromoethane
Concen: 22.123 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Tgt Ion:107 Resp: 39660
Ion Ratio Lower Upper
107 100
109 91.2 75.4 113.0

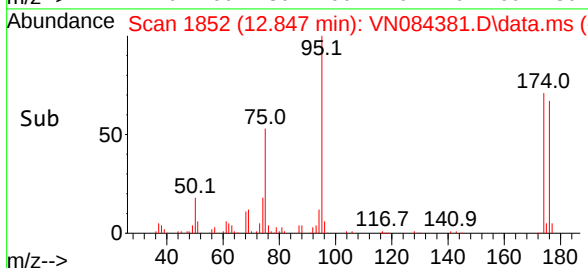
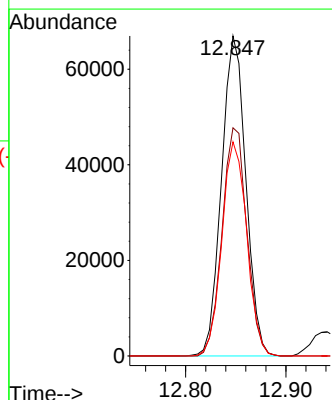
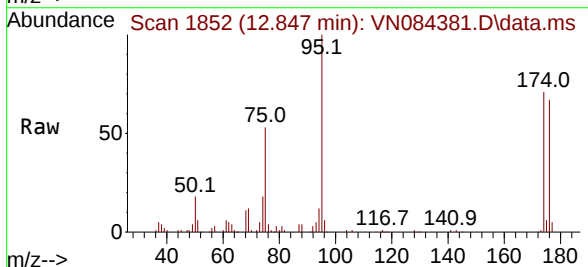
Manual Integrations
APPROVED

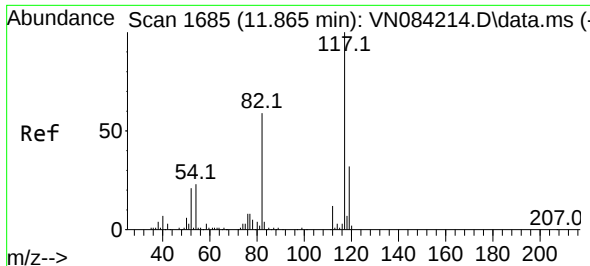
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#62
4-Bromofluorobenzene
Concen: 48.287 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

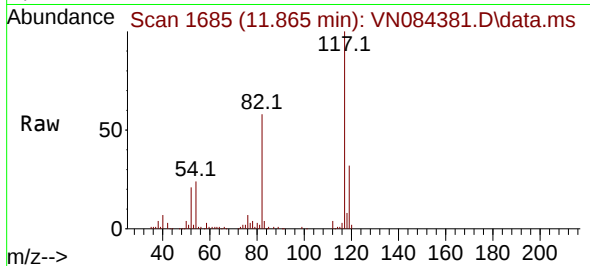
Tgt Ion: 95 Resp: 112868
Ion Ratio Lower Upper
95 100
174 72.6 0.0 145.2
176 68.4 0.0 140.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

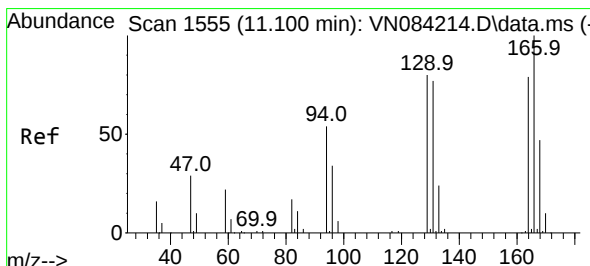
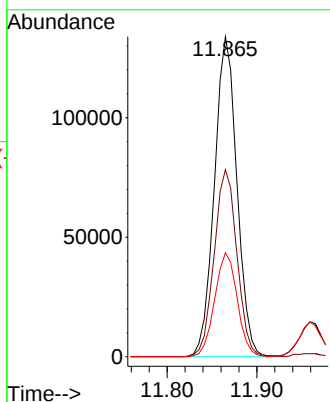
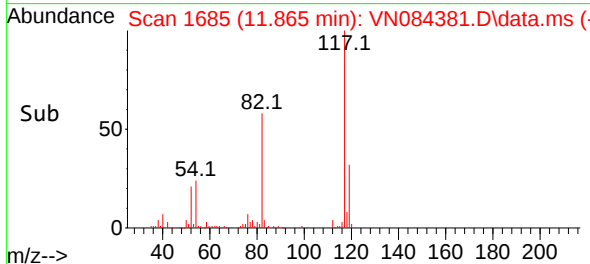
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



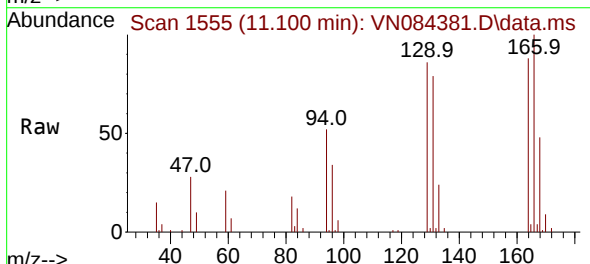
Tgt Ion:117 Resp: 233728
Ion Ratio Lower Upper
117 100
82 58.4 47.2 70.8
119 32.5 25.4 38.0

Manual Integrations
APPROVED

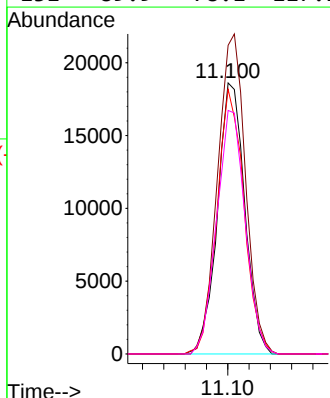
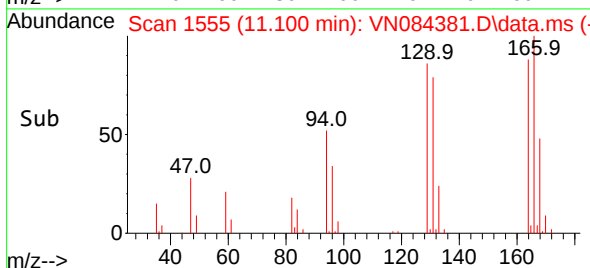
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

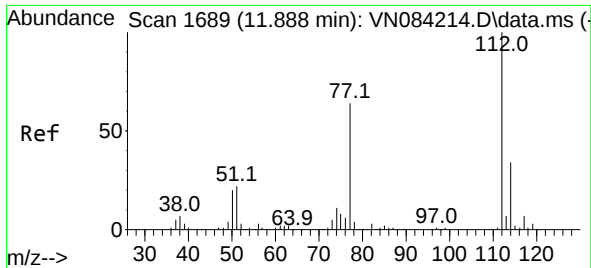


#64
Tetrachloroethene
Concen: 20.292 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40



Tgt Ion:164 Resp: 33035
Ion Ratio Lower Upper
164 100
166 113.8 101.0 151.4
129 97.6 80.8 121.2
131 89.9 78.1 117.1





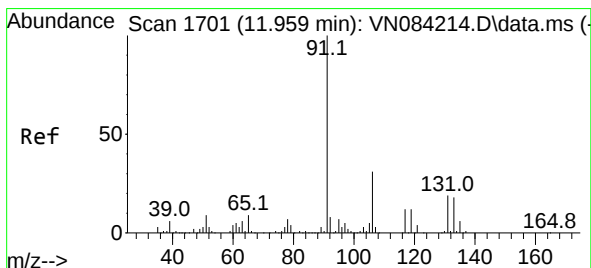
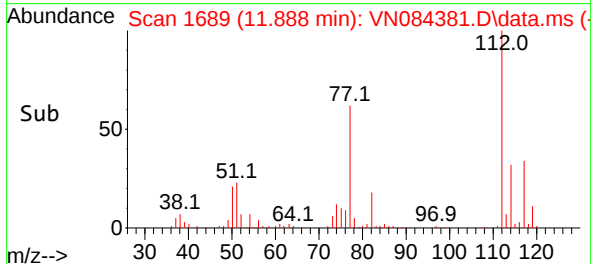
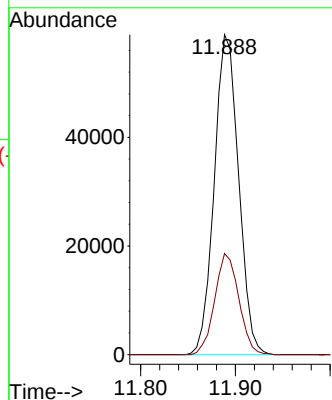
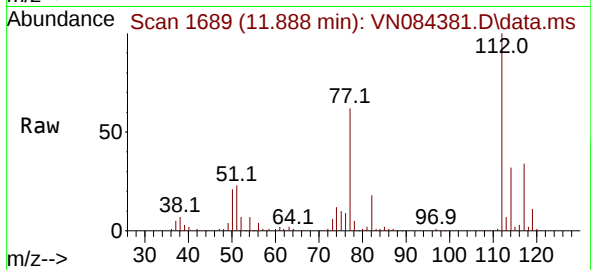
#65
Chlorobenzene
Concen: 20.293 ug/l
RT: 11.888 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Tgt Ion:112 Resp: 10516
Ion Ratio Lower Upper
112 100
114 31.6 27.0 40.6

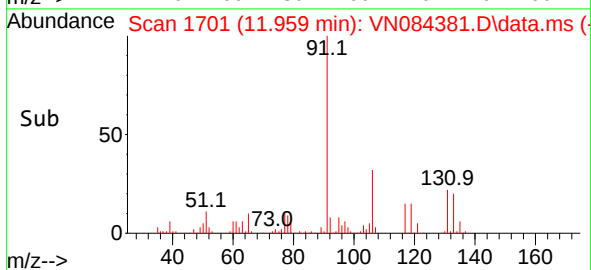
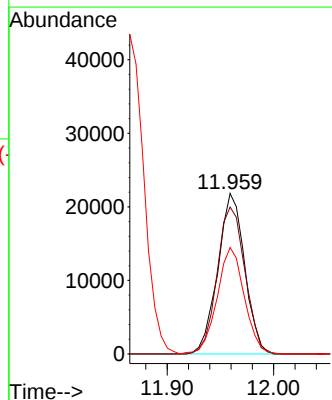
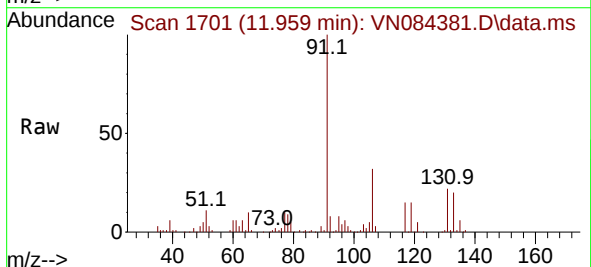
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 21.379 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

Tgt Ion:131 Resp: 38161
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.7
119 67.2 32.8 98.3





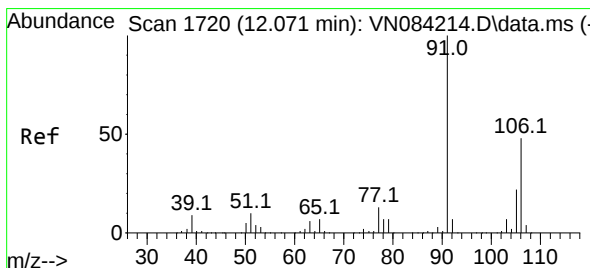
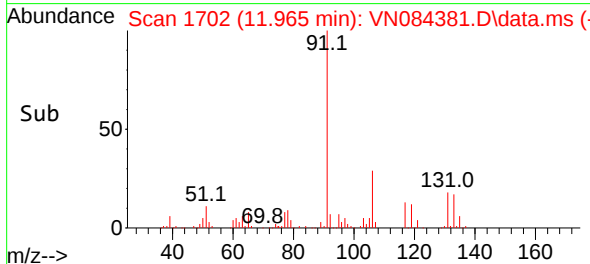
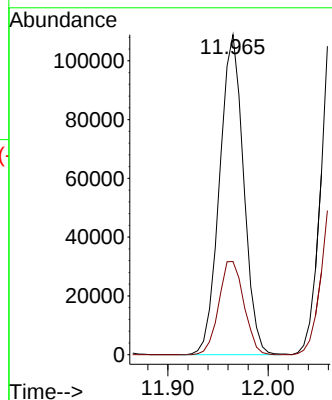
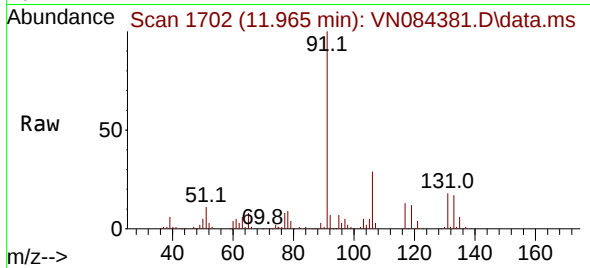
#67
Ethyl Benzene
Concen: 19.734 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Tgt Ion: 91 Resp: 18085
Ion Ratio Lower Upper
91 100
106 29.1 24.5 36.7

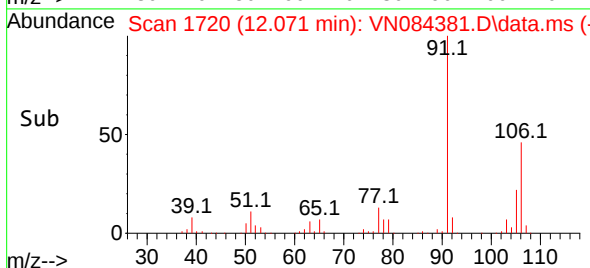
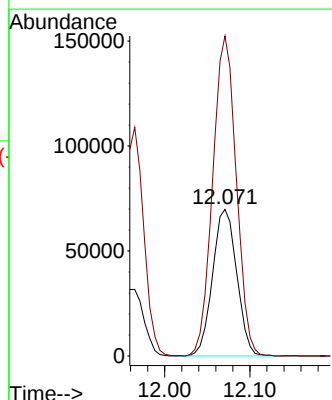
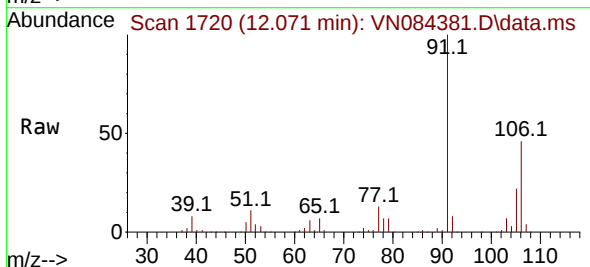
Manual Integrations
APPROVED

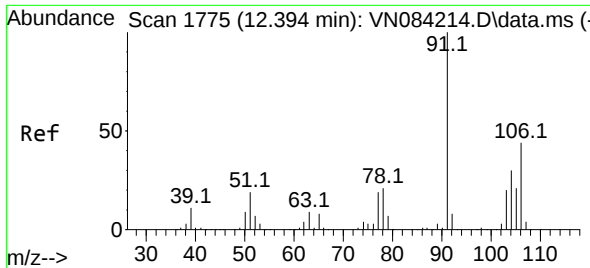
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#68
m/p-Xylenes
Concen: 40.660 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

Tgt Ion:106 Resp: 137842
Ion Ratio Lower Upper
106 100
91 212.8 167.1 250.7





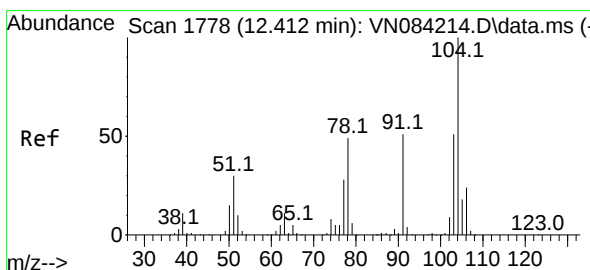
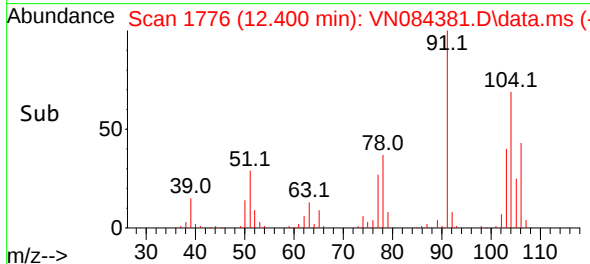
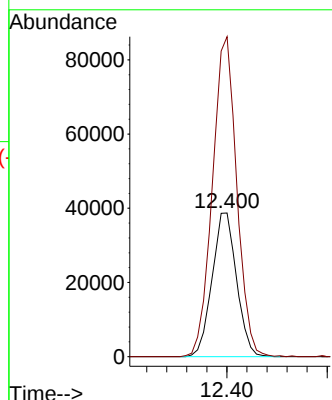
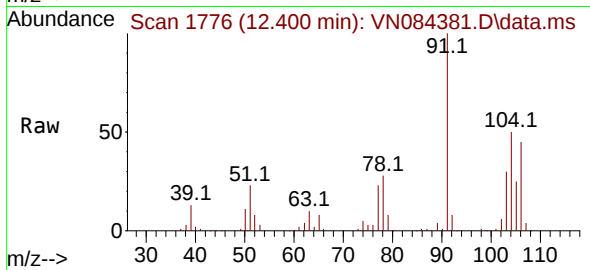
#69
o-Xylene
Concen: 20.402 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Tgt Ion:106 Resp: 65438
Ion Ratio Lower Upper
106 100
91 221.5 110.2 330.6

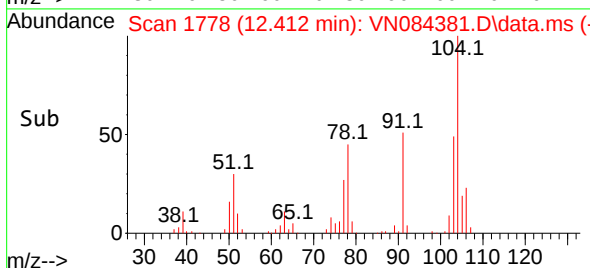
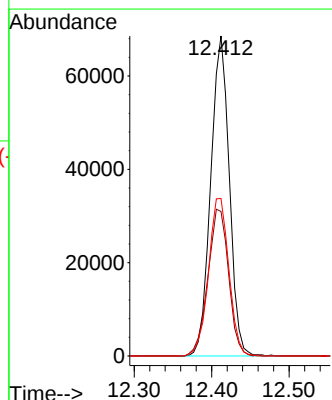
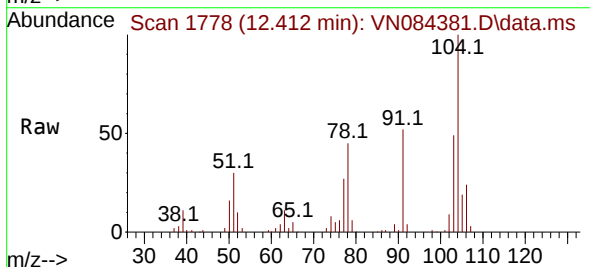
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#70
Styrene
Concen: 21.016 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

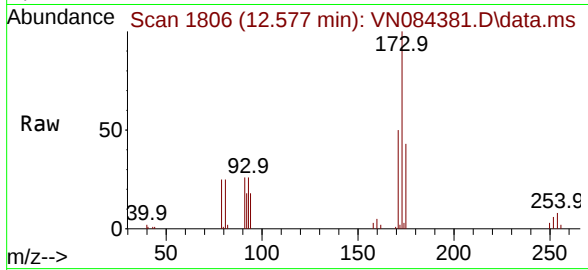
Tgt Ion:104 Resp: 114177
Ion Ratio Lower Upper
104 100
78 51.1 42.7 64.1
103 54.0 43.6 65.4





#71
Bromoform
Concen: 22.441 ug/l
RT: 12.577 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

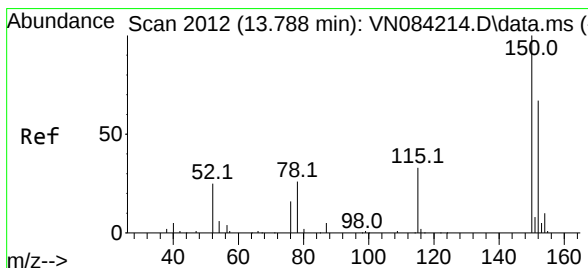
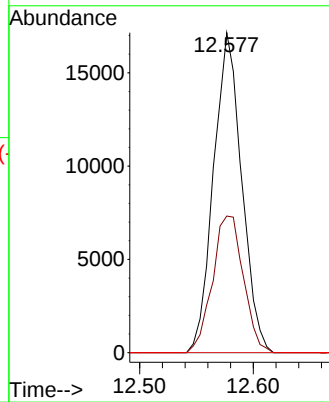
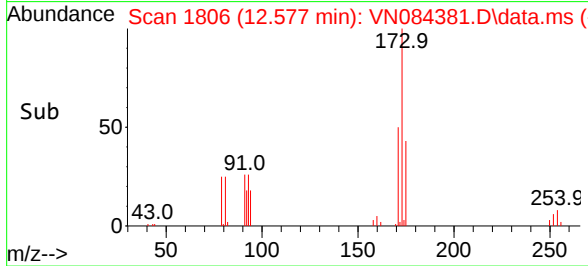
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



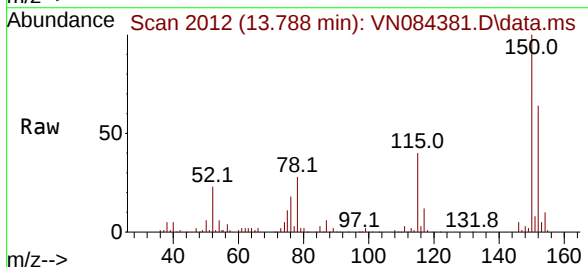
Tgt Ion:173 Resp: 2949
Ion Ratio Lower Upper
173 100
175 47.0 23.5 70.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

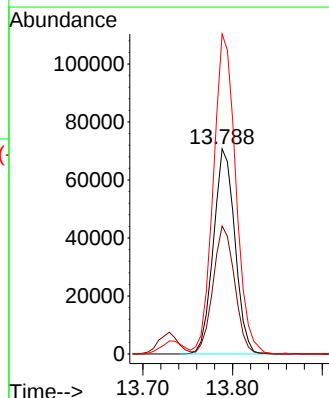
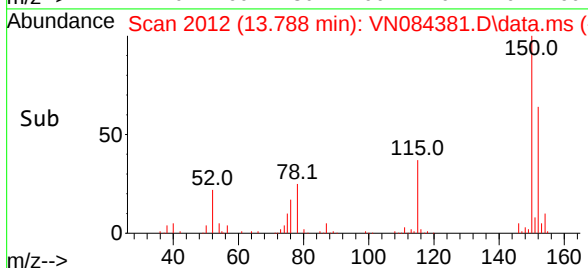
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

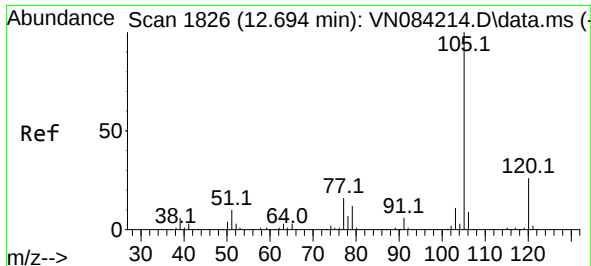


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40



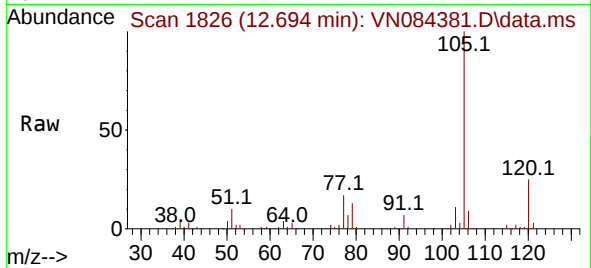
Tgt Ion:152 Resp: 117651
Ion Ratio Lower Upper
152 100
115 62.6 31.3 93.9
150 163.0 0.0 349.8





#73
Isopropylbenzene
Concen: 18.610 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

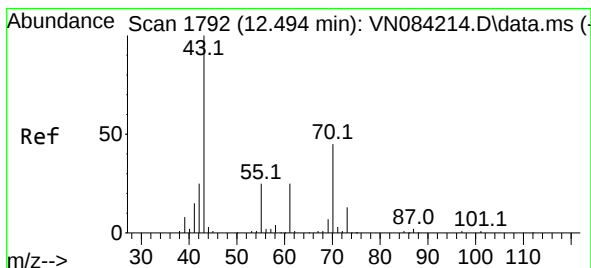
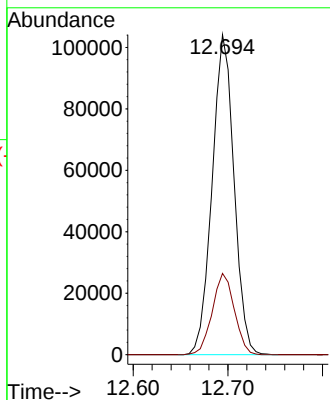
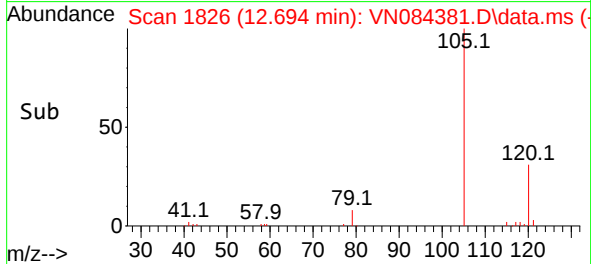
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



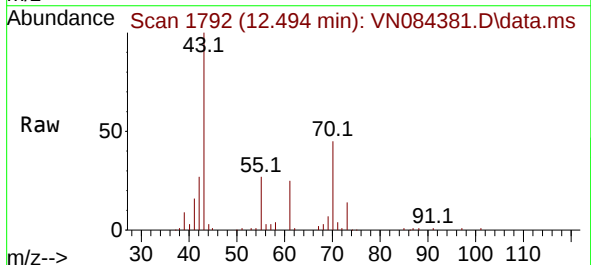
Tgt Ion:105 Resp: 167070
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.7

Manual Integrations
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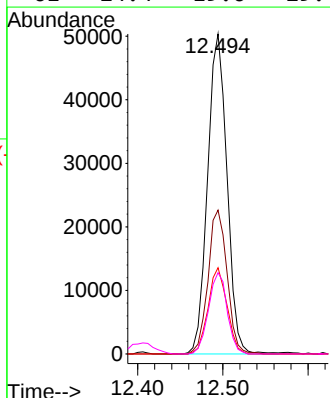
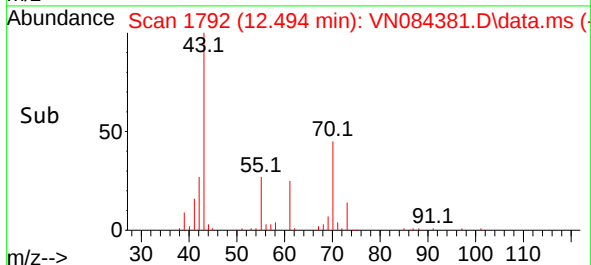
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

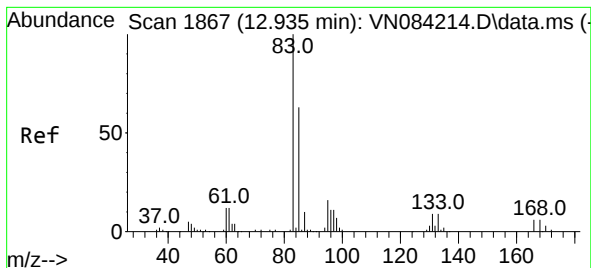


#74
N-ethyl acetate
Concen: 19.653 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40



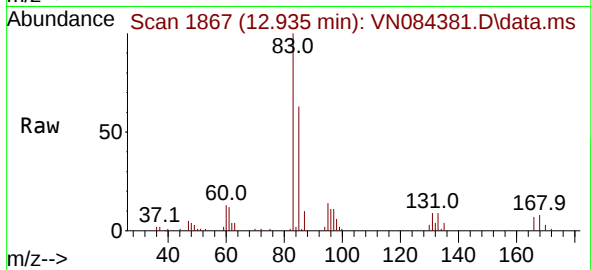
Tgt Ion: 43 Resp: 79897
Ion Ratio Lower Upper
43 100
70 44.2 34.4 51.6
55 26.2 19.6 29.4
61 24.4 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 21.678 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

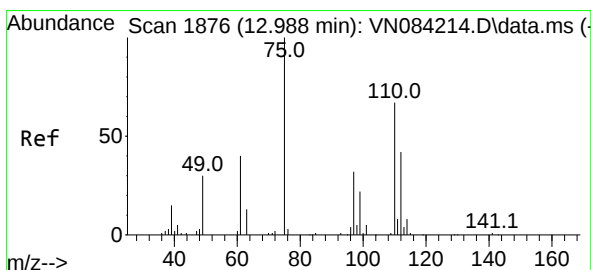
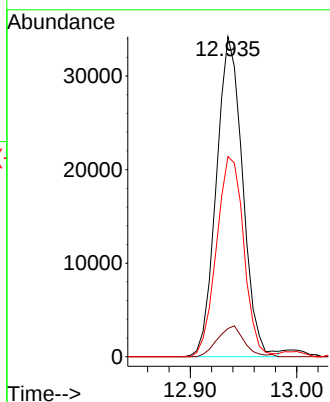
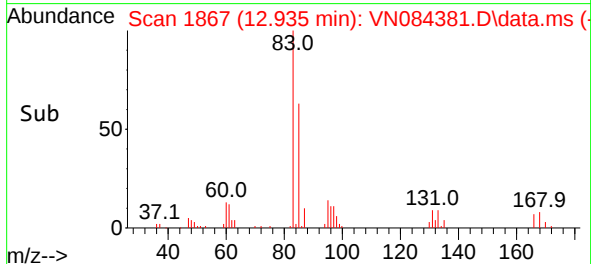
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



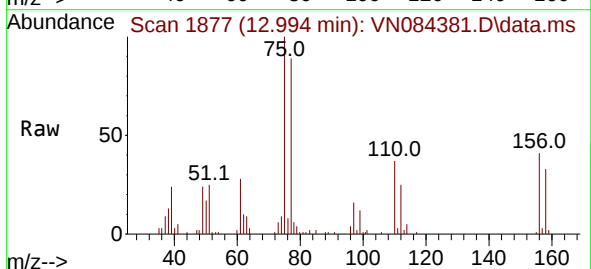
Tgt Ion: 83 Resp: 58520
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.7
85 65.1 31.9 95.7

Manual Integrations
APPROVED

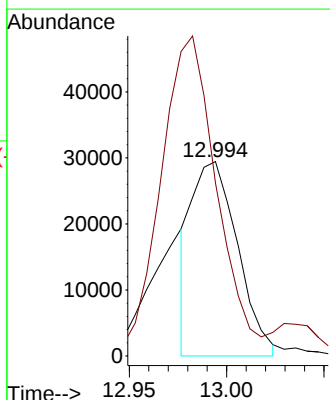
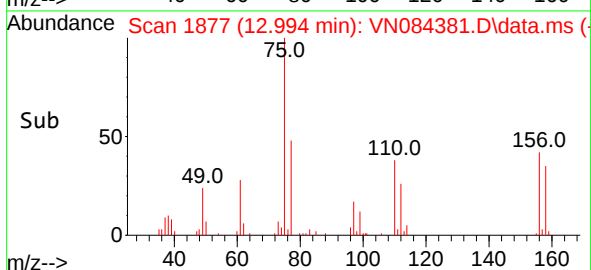
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

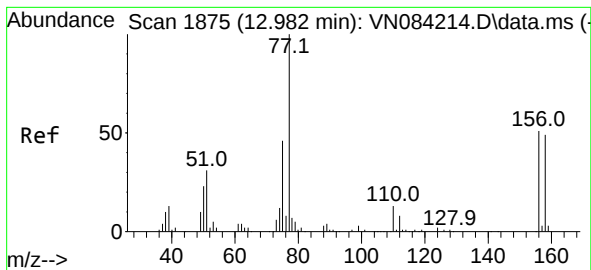


#76
1,2,3-Trichloropropane
Concen: 19.957 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40



Tgt Ion: 75 Resp: 47935
Ion Ratio Lower Upper
75 100
77 201.7 96.9 290.7





#77

Bromobenzene

Concen: 19.557 ug/l

RT: 12.977 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN084381.D

Acq: 10 Oct 2024 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBSD01

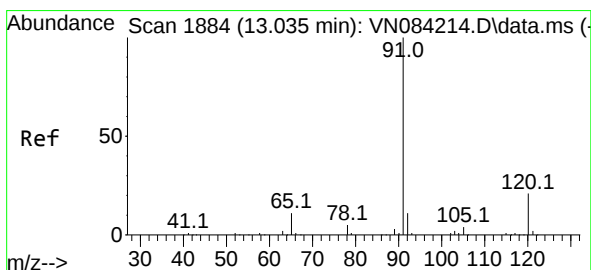
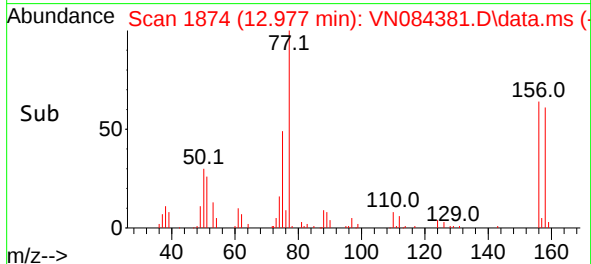
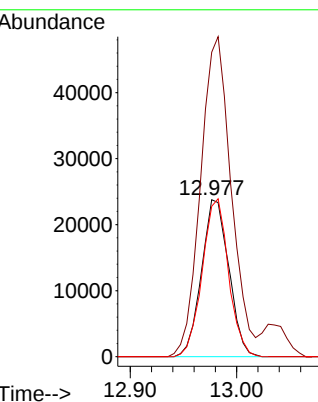
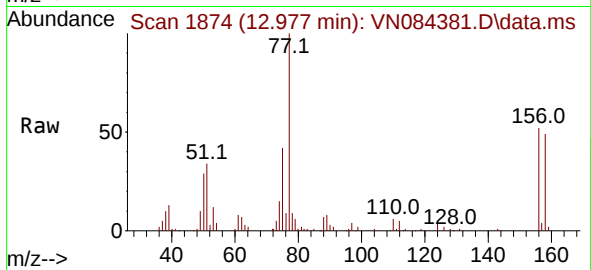
Tgt Ion:156 Resp: 42352
 Ion Ratio Lower Upper
 156 100
 77 228.3 115.1 345.3
 158 96.7 48.9 146.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#78

n-propylbenzene

Concen: 19.373 ug/l

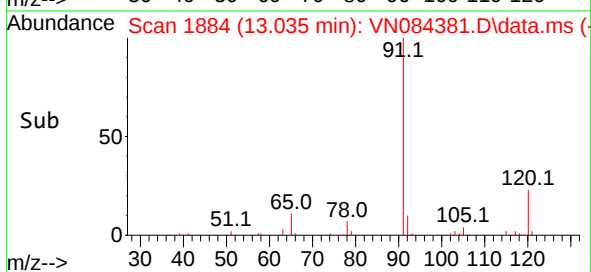
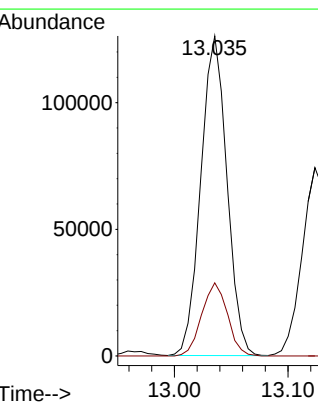
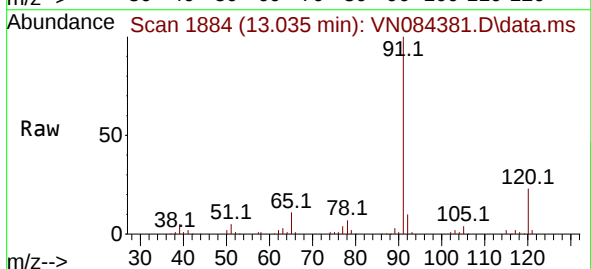
RT: 13.035 min Scan# 1884

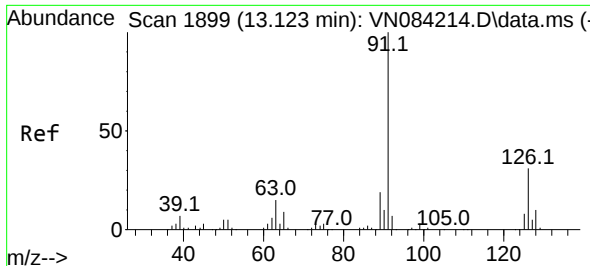
Delta R.T. 0.000 min

Lab File: VN084381.D

Acq: 10 Oct 2024 11:40

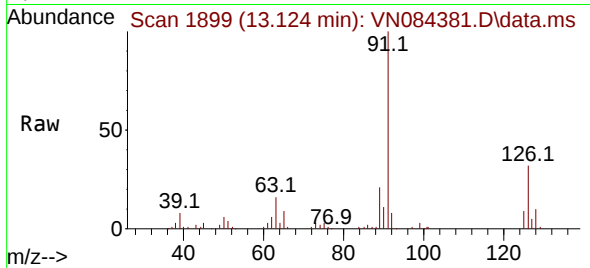
Tgt Ion: 91 Resp: 201509
 Ion Ratio Lower Upper
 91 100
 120 22.5 10.8 32.4





#79
2-Chlorotoluene
Concen: 19.480 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

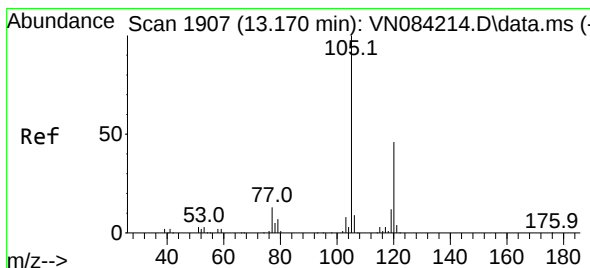
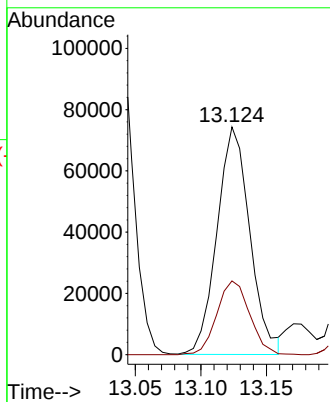
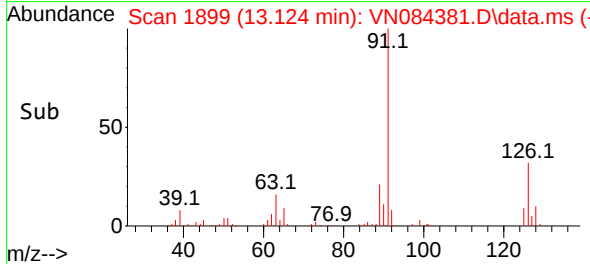
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



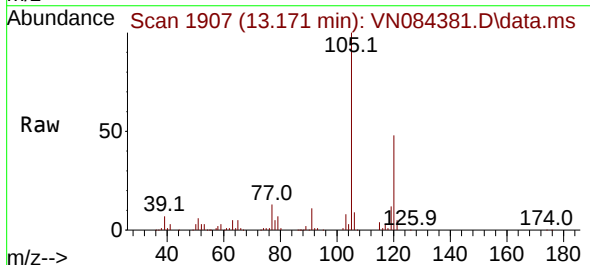
Tgt Ion: 91 Resp: 129294
Ion Ratio Lower Upper
91 100
126 32.3 15.7 47.1

Manual Integrations
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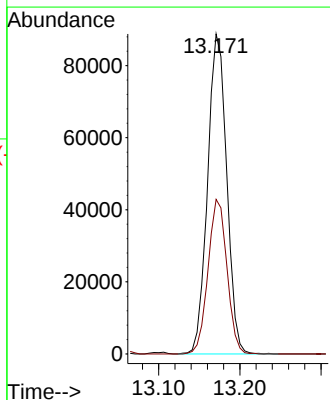
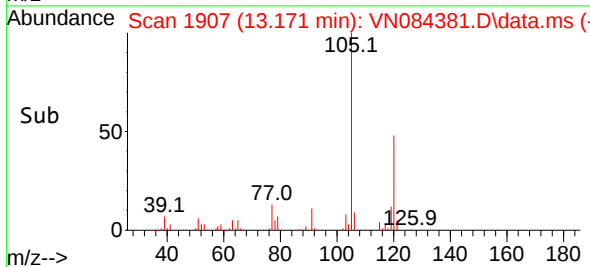
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.800 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40



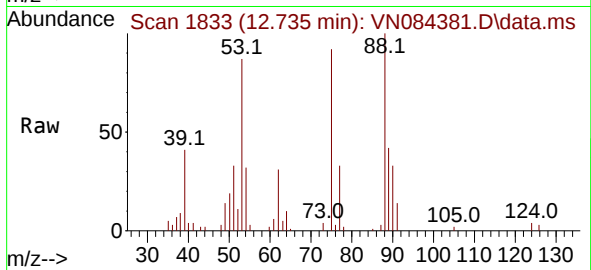
Tgt Ion:105 Resp: 145004
Ion Ratio Lower Upper
105 100
120 47.9 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 19.779 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

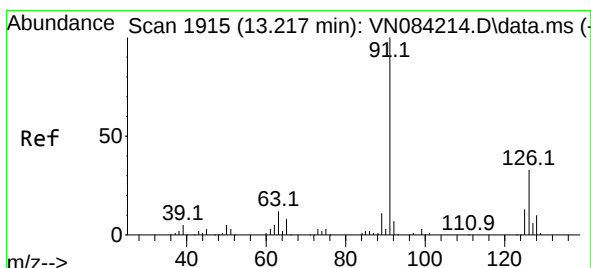
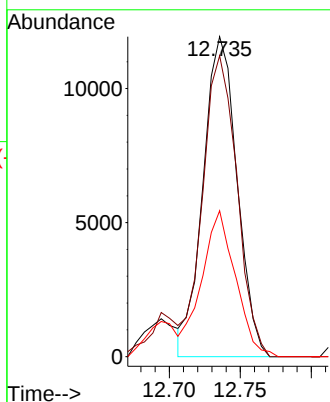
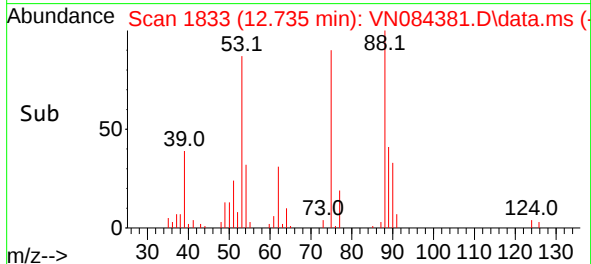
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion: 75 Resp: 19810
Ion Ratio Lower Upper
75 100
53 106.6 78.0 117.0
89 45.7 35.5 53.3

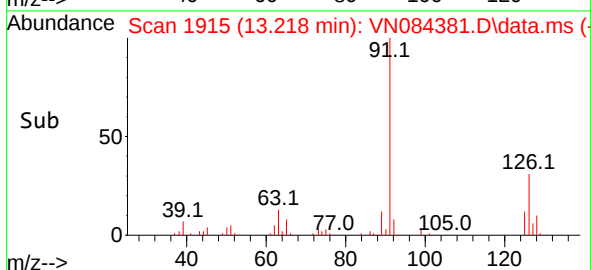
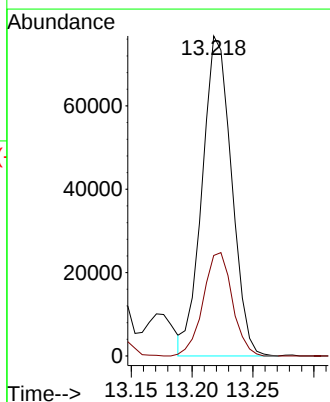
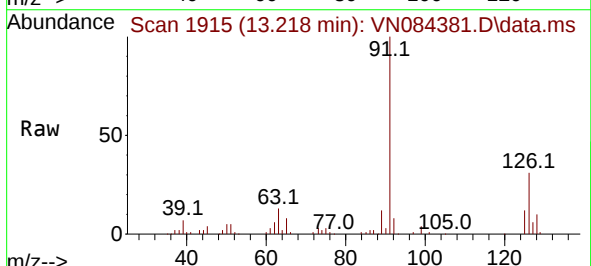
Manual Integrations
APPROVED

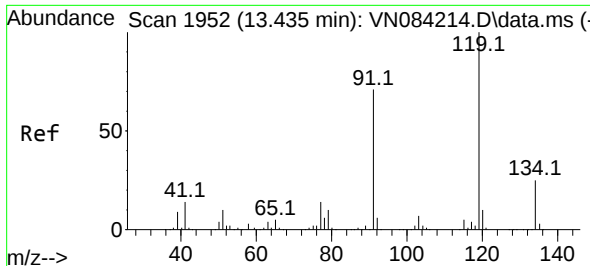
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#82
4-Chlorotoluene
Concen: 19.307 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

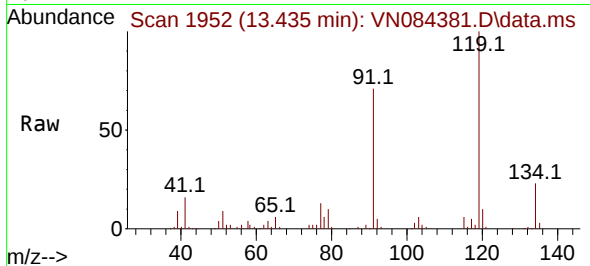
Tgt Ion: 91 Resp: 129001
Ion Ratio Lower Upper
91 100
126 32.1 15.7 47.1





#83
tert-Butylbenzene
Concen: 18.597 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

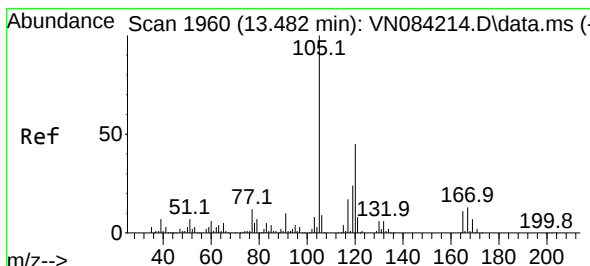
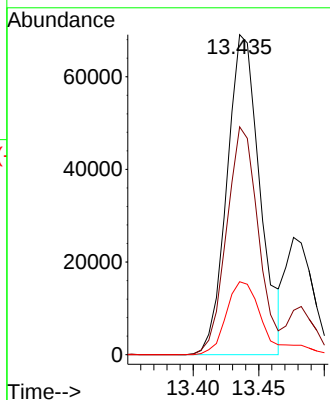
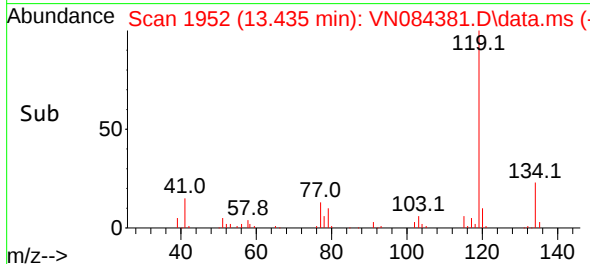
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



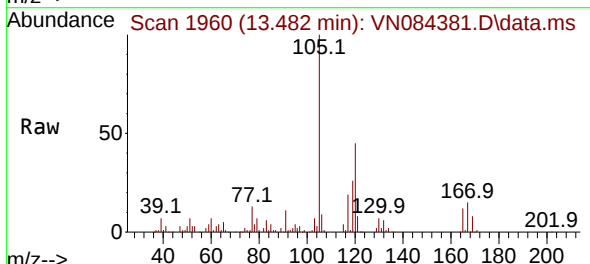
Tgt Ion:119 Resp: 121049
Ion Ratio Lower Upper
119 100
91 68.5 34.1 102.3
134 25.7 12.8 38.4

Manual Integrations
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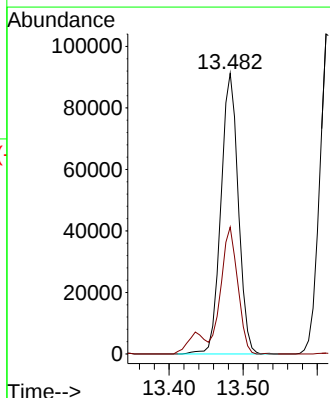
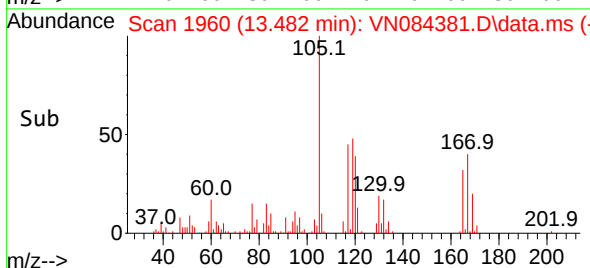
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

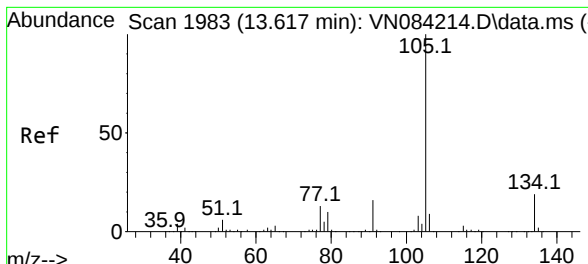


#84
1,2,4-Trimethylbenzene
Concen: 20.087 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40



Tgt Ion:105 Resp: 148192
Ion Ratio Lower Upper
105 100
120 43.5 22.3 66.8





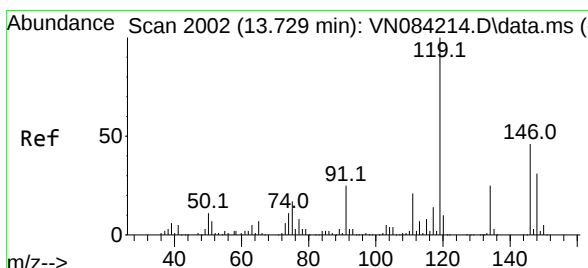
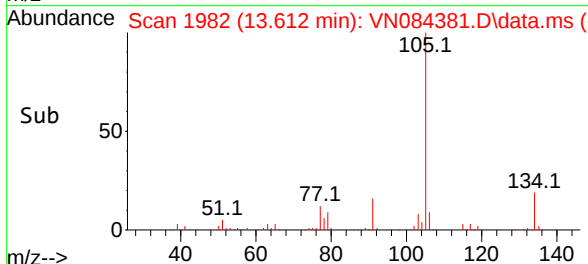
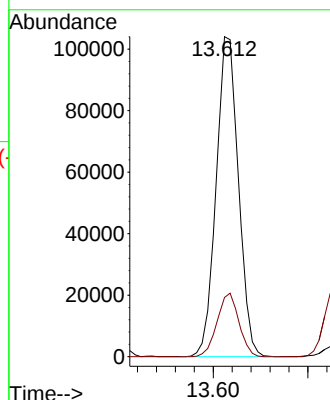
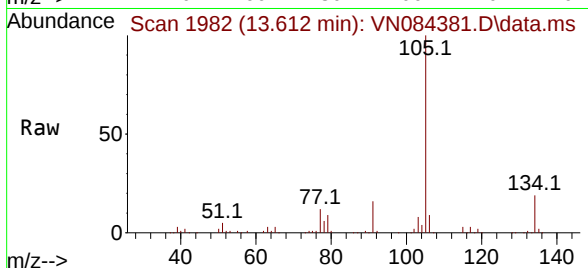
#85
 sec-Butylbenzene
 Concen: 19.572 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN084381.D
 Acq: 10 Oct 2024 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBSD01

Tgt Ion:105 Resp: 16999
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

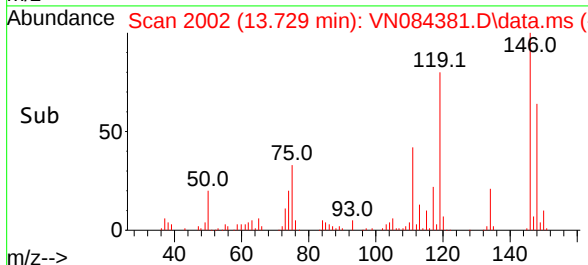
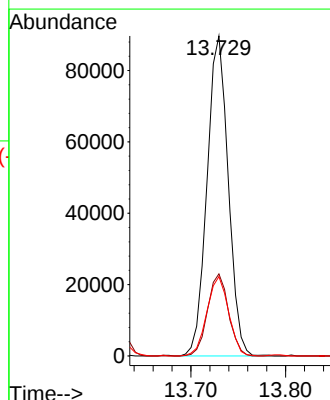
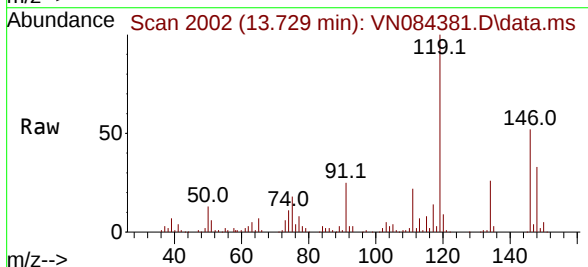
Manual Integrations
 APPROVED

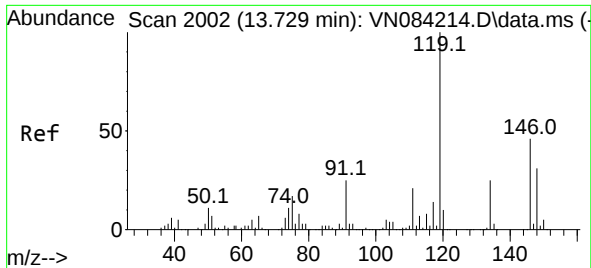
Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#86
 p-Isopropyltoluene
 Concen: 19.439 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084381.D
 Acq: 10 Oct 2024 11:40

Tgt Ion:119 Resp: 139620
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 25.3 12.4 37.2





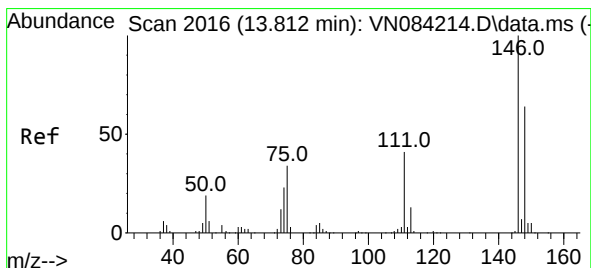
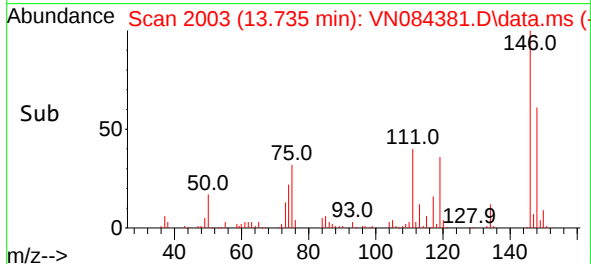
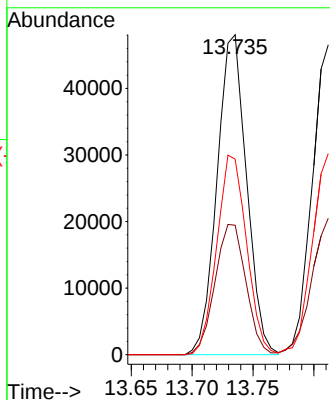
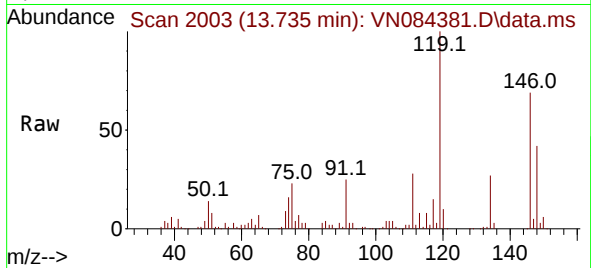
#87
 1,3-Dichlorobenzene
 Concen: 19.999 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN084381.D
 Acq: 10 Oct 2024 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBSD01

Tgt Ion:146 Resp: 81249
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.8 65.3
 148 62.9 31.9 95.7

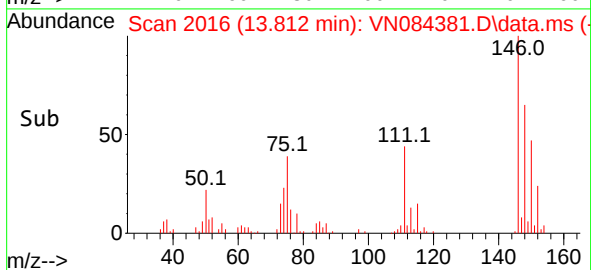
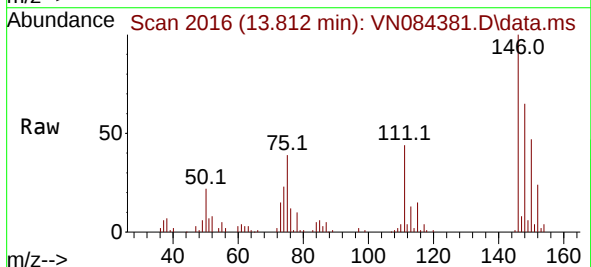
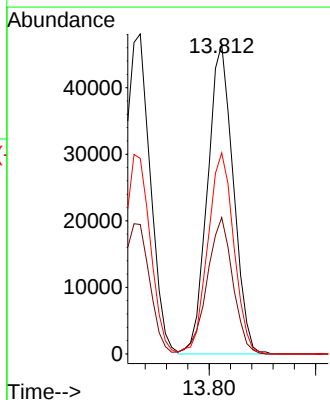
Manual Integrations
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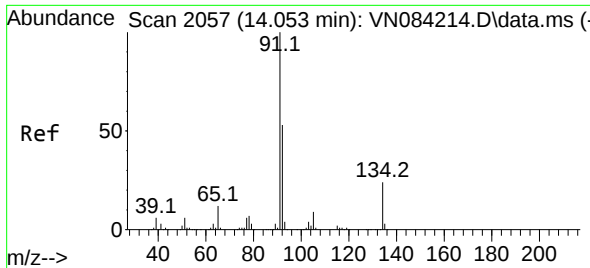
Reviewed By :John Carbone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#88
 1,4-Dichlorobenzene
 Concen: 19.042 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN084381.D
 Acq: 10 Oct 2024 11:40

Tgt Ion:146 Resp: 78123
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.2 63.6
 148 65.6 31.9 95.9





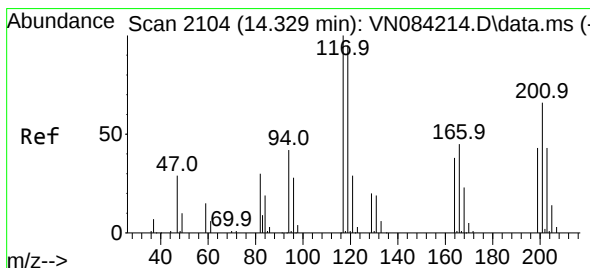
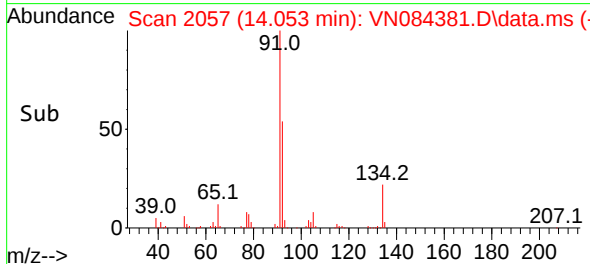
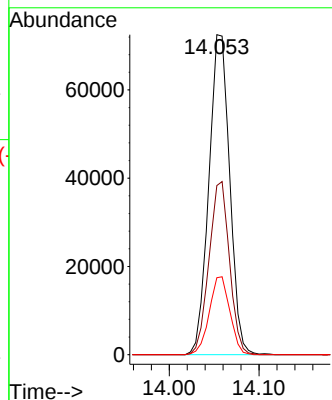
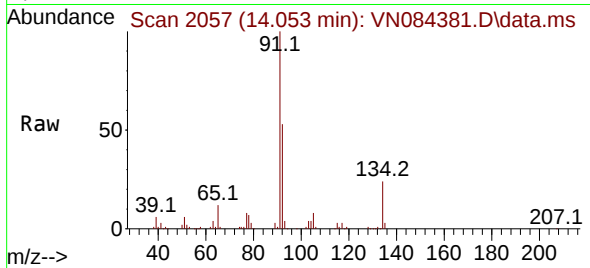
#89
n-Butylbenzene
Concen: 17.972 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Tgt Ion: 91 Resp: 11704
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.7
134 24.1 12.3 36.9

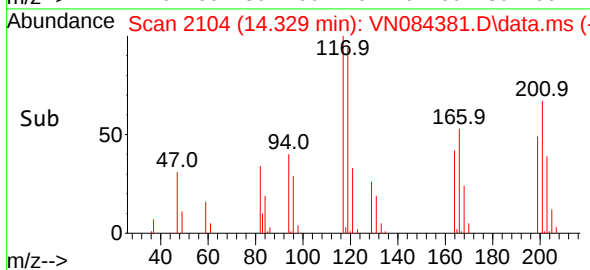
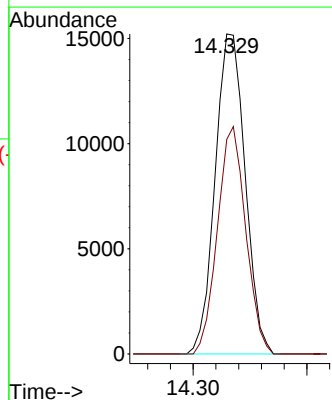
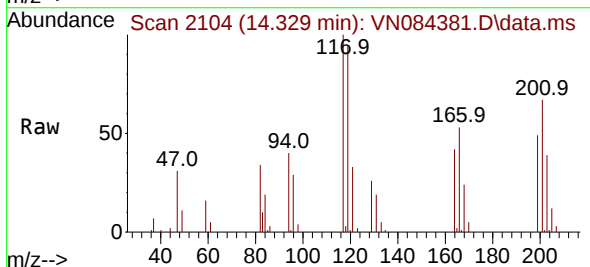
Manual Integrations
APPROVED

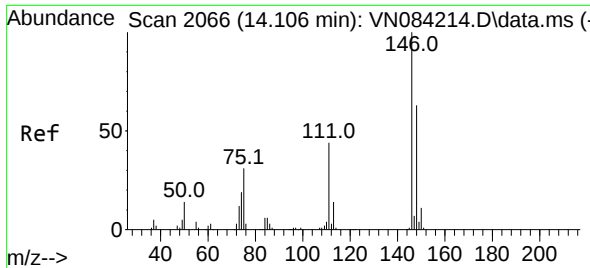
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#90
Hexachloroethane
Concen: 19.140 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

Tgt Ion:117 Resp: 27904
Ion Ratio Lower Upper
117 100
201 66.9 34.4 103.2





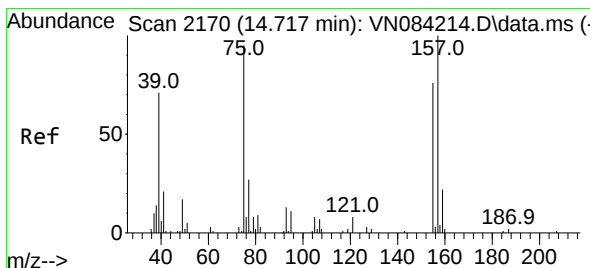
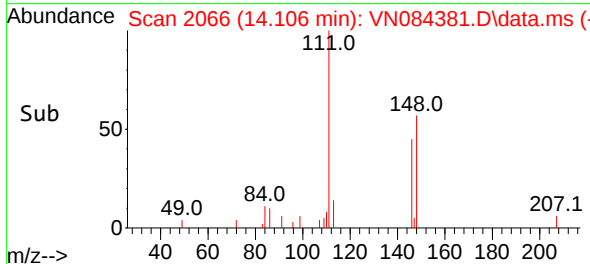
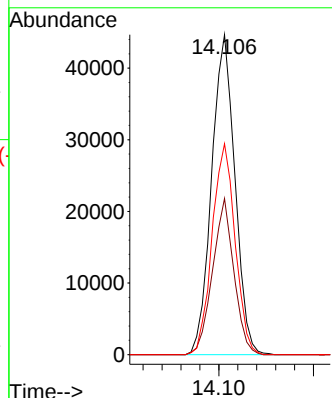
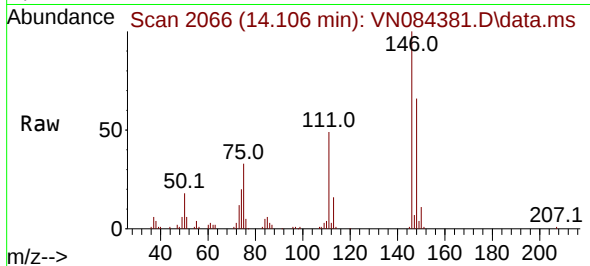
#91
1,2-Dichlorobenzene
Concen: 19.153 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Tgt Ion:146 Resp: 7629
Ion Ratio Lower Upper
146 100
111 44.8 22.0 66.0
148 65.1 32.1 96.3

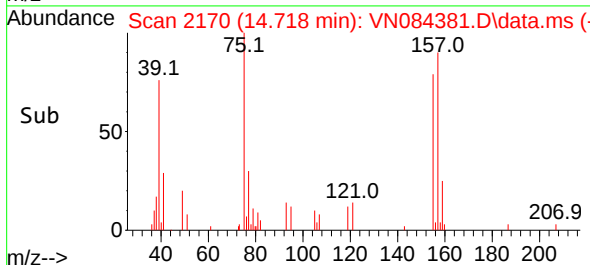
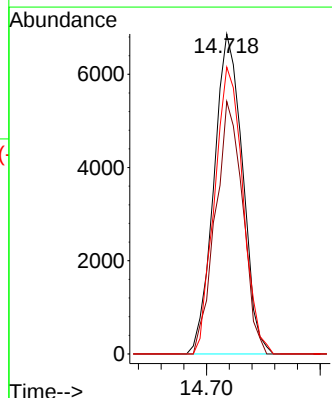
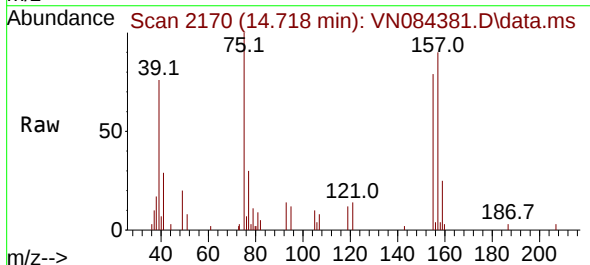
Manual Integrations
APPROVED

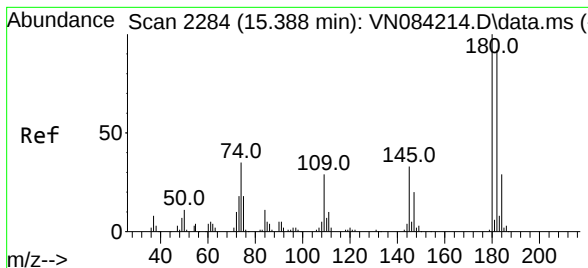
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.597 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

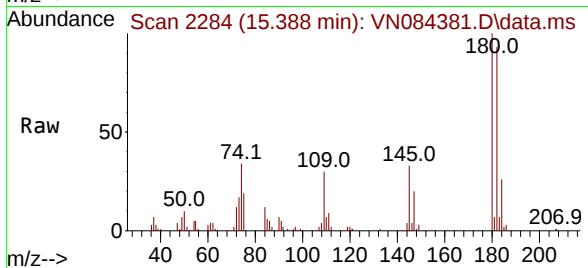
Tgt Ion: 75 Resp: 12031
Ion Ratio Lower Upper
75 100
155 75.5 38.1 114.5
157 88.8 49.6 149.0





#93
1,2,4-Trichlorobenzene
Concen: 18.729 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40

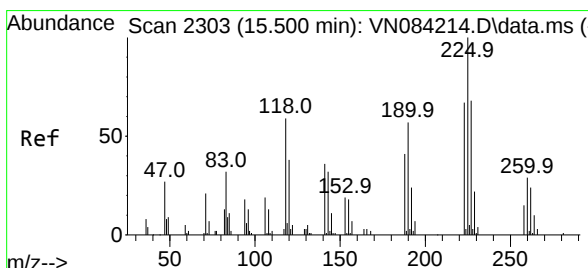
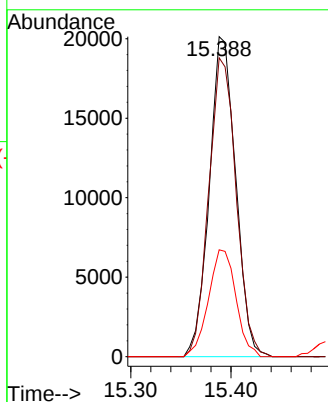
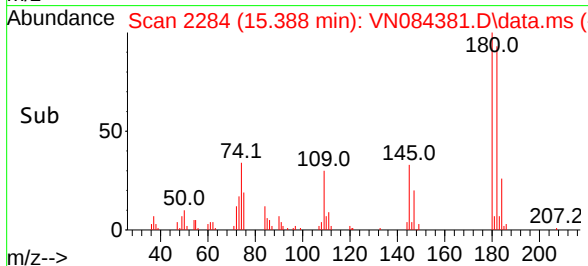
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



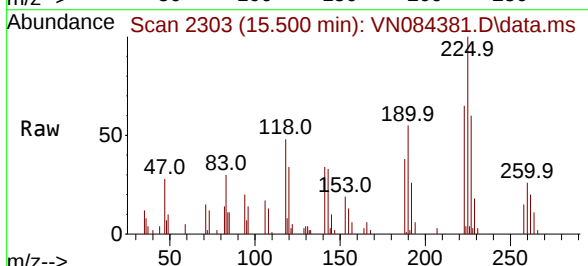
Tgt Ion:180 Resp: 36749
Ion Ratio Lower Upper
180 100
182 96.7 47.0 141.0
145 34.8 16.4 49.4

Manual Integrations
APPROVED

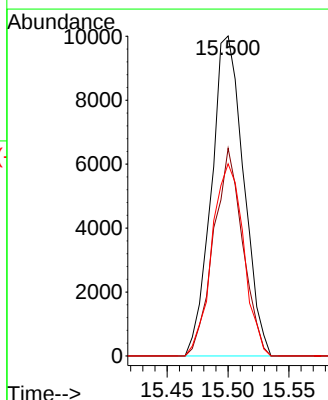
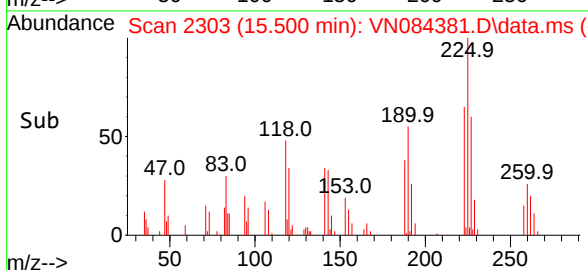
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

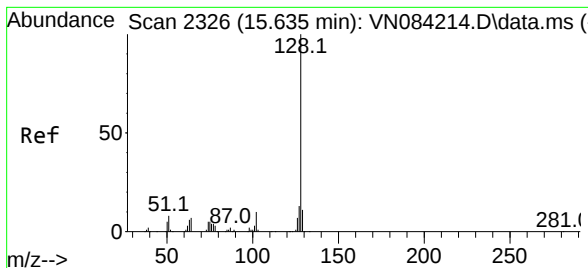


#94
Hexachlorobutadiene
Concen: 18.851 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN084381.D
Acq: 10 Oct 2024 11:40



Tgt Ion:225 Resp: 18446
Ion Ratio Lower Upper
225 100
223 58.8 32.4 97.2
227 59.0 32.4 97.0





#95

Naphthalene

Concen: 18.808 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084381.D

Acq: 10 Oct 2024 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBSD01

Tgt Ion:128 Resp: 122340

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

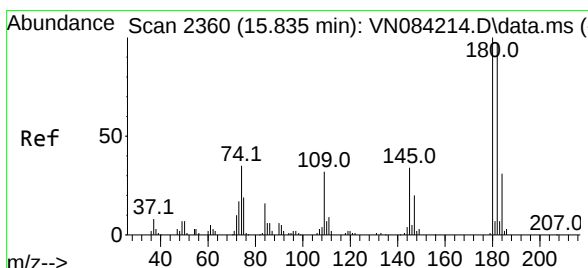
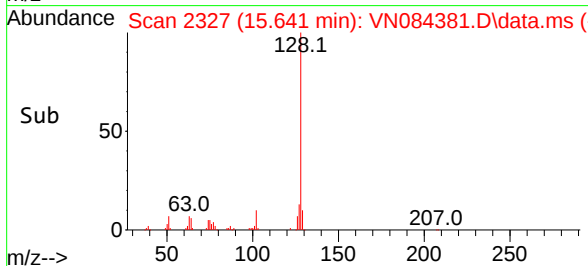
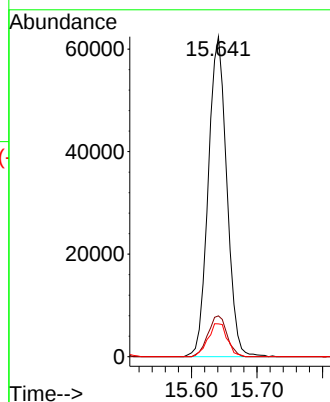
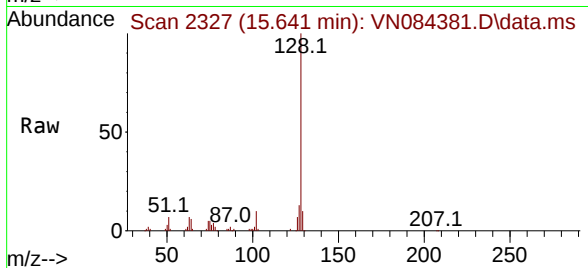
129 10.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.728 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084381.D

Acq: 10 Oct 2024 11:40

Tgt Ion:180 Resp: 36784

Ion Ratio Lower Upper

180 100

182 96.4 48.2 144.6

145 34.9 17.3 51.9

