

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
 Data File : VN085343.D
 Acq On : 30 Dec 2024 14:25
 Operator : JC\MD
 Sample : VN1230WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1230WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/31/2024
 Supervised By : Mahesh Dadoda 12/31/2024

Quant Time: Dec 31 02:13:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	164383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	292155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	254855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117451	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125417	53.493	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.980%
35) Dibromofluoromethane	8.165	113	95110	52.183	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.360%
50) Toluene-d8	10.565	98	341164	51.010	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.020%
62) 4-Bromofluorobenzene	12.847	95	115786	52.127	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	45145	20.306	ug/l	96
3) Chloromethane	2.360	50	45361	18.154	ug/l	93
4) Vinyl Chloride	2.512	62	45574	17.246	ug/l	100
5) Bromomethane	2.954	94	28729	16.623	ug/l	93
6) Chloroethane	3.124	64	30230	18.039	ug/l	98
7) Trichlorofluoromethane	3.501	101	65933	18.981	ug/l	100
8) Diethyl Ether	3.965	74	23833	20.721	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	38727	19.593	ug/l	98
10) Methyl Iodide	4.589	142	44778	19.576	ug/l	97
11) Tert butyl alcohol	5.524	59	40103	136.596	ug/l	99
12) 1,1-Dichloroethene	4.336	96	34012	18.619	ug/l	94
13) Acrolein	4.177	56	52672	115.074	ug/l	100
14) Allyl chloride	5.018	41	54422	18.615	ug/l	98
15) Acrylonitrile	5.718	53	110982	120.106	ug/l	99
16) Acetone	4.424	43	97531	126.506	ug/l	98
17) Carbon Disulfide	4.712	76	98561	17.736	ug/l	99
18) Methyl Acetate	5.030	43	59792	25.332	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	124006	20.885	ug/l	99
20) Methylene Chloride	5.277	84	42857	20.667	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	35748	18.734	ug/l	94
22) Diisopropyl ether	6.671	45	135205	21.461	ug/l	95
23) Vinyl Acetate	6.600	43	502027	110.151	ug/l	99
24) 1,1-Dichloroethane	6.571	63	74848	19.722	ug/l	98
25) 2-Butanone	7.483	43	155103	129.678	ug/l	97
26) 2,2-Dichloropropane	7.489	77	62568	18.818	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	44047	19.667	ug/l	95
28) Bromochloromethane	7.812	49	36608	20.757	ug/l #	100
29) Tetrahydrofuran	7.841	42	101543	131.798	ug/l	97
30) Chloroform	7.965	83	77502	19.962	ug/l	99
31) Cyclohexane	8.259	56	62563	18.053	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	66572	19.199	ug/l	94
36) 1,1-Dichloropropene	8.365	75	50384	18.880	ug/l	99
37) Ethyl Acetate	7.559	43	61664	23.248	ug/l	100
38) Carbon Tetrachloride	8.365	117	56937	19.574	ug/l	93
39) Methylcyclohexane	9.600	83	51305	18.530	ug/l	99
40) Benzene	8.606	78	164562	20.396	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	33082	24.353	ug/l	98
42) 1,2-Dichloroethane	8.671	62	59826	20.681	ug/l	99
43) Isopropyl Acetate	8.688	43	106965	24.491	ug/l	98
44) Trichloroethene	9.353	130	36451	19.082	ug/l	98
45) 1,2-Dichloropropane	9.618	63	41737	20.377	ug/l	98
46) Dibromomethane	9.706	93	30830	21.643	ug/l	99
47) Bromodichloromethane	9.888	83	61560	20.793	ug/l #	99
48) Methyl methacrylate	9.683	41	46547	24.561	ug/l	97
49) 1,4-Dioxane	9.688	88	17280	604.336	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	318442	129.744	ug/l	100
52) Toluene	10.630	92	97662	20.329	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	59559	20.456	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	64846	20.597	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	39290	21.662	ug/l	94
56) Ethyl methacrylate	10.871	69	60563	22.926	ug/l	96
57) 1,3-Dichloropropane	11.159	76	69454	21.817	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	129546	101.360	ug/l	98
59) 2-Hexanone	11.194	43	233940	137.380	ug/l	99
60) Dibromochloromethane	11.359	129	45233	22.141	ug/l	98
61) 1,2-Dibromoethane	11.471	107	39093	21.785	ug/l	99
64) Tetrachloroethene	11.100	164	31941	19.779	ug/l	88
65) Chlorobenzene	11.888	112	106036	19.253	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	38196	20.664	ug/l	100
67) Ethyl Benzene	11.965	91	179367	19.584	ug/l	97
68) m/p-Xylenes	12.071	106	137099	40.903	ug/l	100
69) o-Xylene	12.400	106	63589	19.611	ug/l	94
70) Styrene	12.412	104	110639	21.054	ug/l	100
71) Bromoform	12.576	173	29153	22.772	ug/l #	99
73) Isopropylbenzene	12.694	105	165050	19.542	ug/l	100
74) N-amyl acetate	12.494	43	83946	23.220	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	59699	22.193	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	49567m	22.600	ug/l	
77) Bromobenzene	12.982	156	40878	19.535	ug/l	98
78) n-propylbenzene	13.035	91	198704	20.183	ug/l	100
79) 2-Chlorotoluene	13.124	91	122848	19.827	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	138695	20.302	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	19567	21.365	ug/l	94
82) 4-Chlorotoluene	13.218	91	125174	20.059	ug/l	98
83) tert-Butylbenzene	13.435	119	111505	18.842	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	138052	20.294	ug/l	98
85) sec-Butylbenzene	13.618	105	159891	19.465	ug/l	100
86) p-Isopropyltoluene	13.729	119	131413	18.690	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	74234	19.569	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	74888	19.219	ug/l	100
89) n-Butylbenzene	14.059	91	108253	17.997	ug/l	99
90) Hexachloroethane	14.335	117	27227	20.221	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	72323	20.014	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	11727	24.495	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	33168	18.391	ug/l	96
94) Hexachlorobutadiene	15.500	225	16097	17.964	ug/l	98
95) Naphthalene	15.641	128	111605	18.249	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	33821	18.769	ug/l	99

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ClientSampleId :
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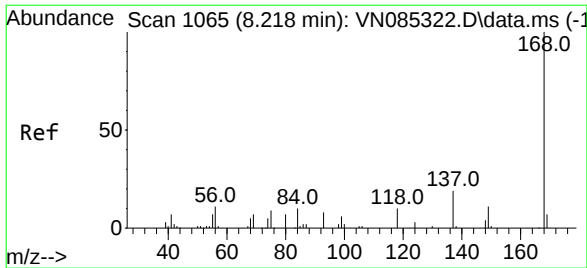
Manual Integrations
APPROVED

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Quant Time: Dec 31 02:13:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

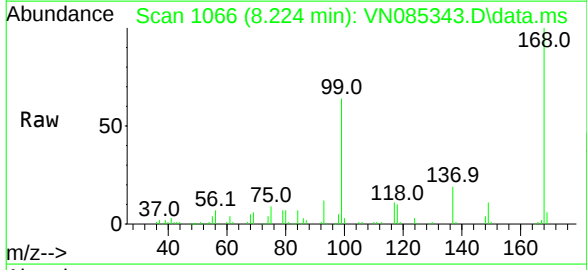
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085343.D
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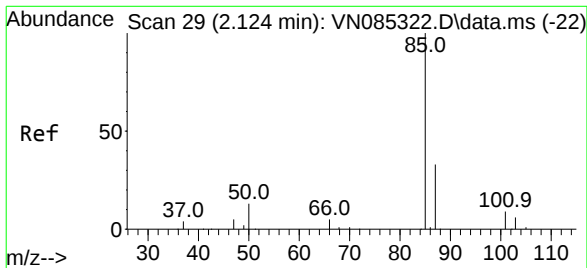
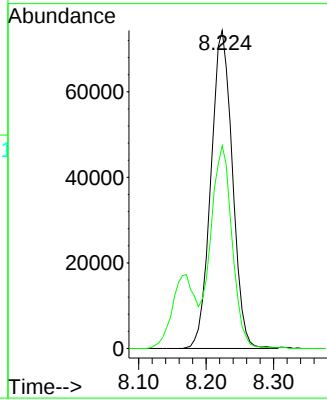
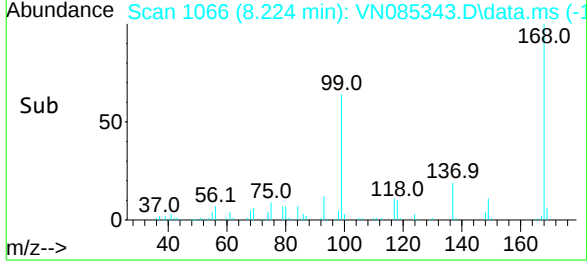
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01



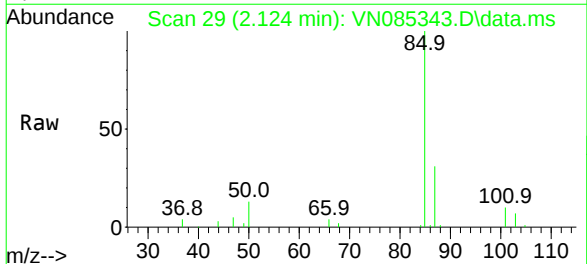
Tgt Ion: 168 Resp: 164383
Ion Ratio Lower Upper
168 100
99 63.5 51.0 76.4

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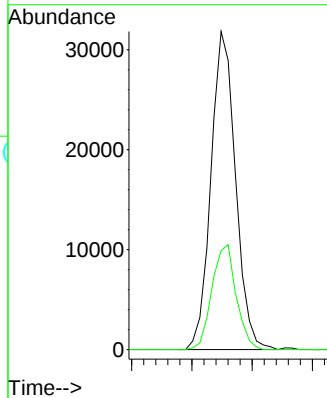
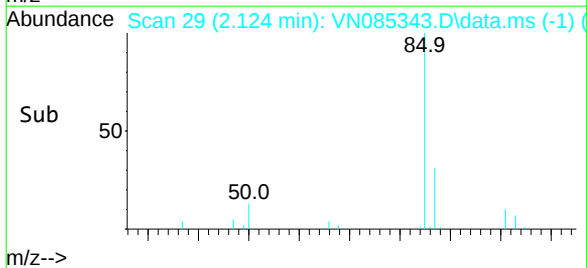
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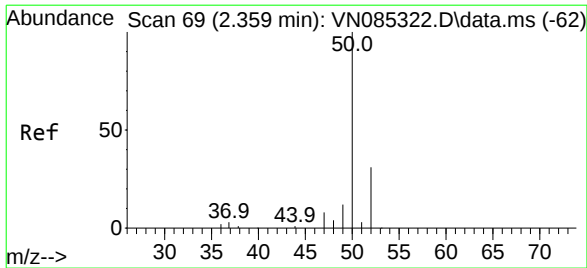


#2
Dichlorodifluoromethane
Concen: 20.306 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25



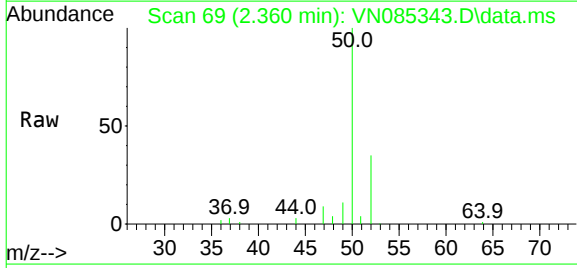
Tgt Ion: 85 Resp: 45145
Ion Ratio Lower Upper
85 100
87 31.1 16.8 50.3





#3
Chloromethane
Concen: 18.154 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

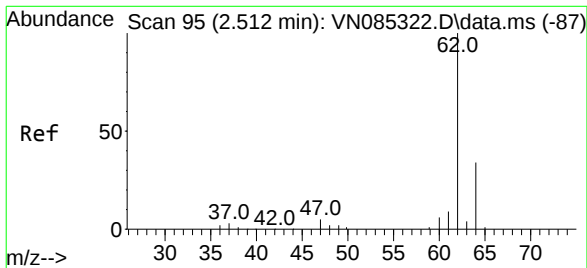
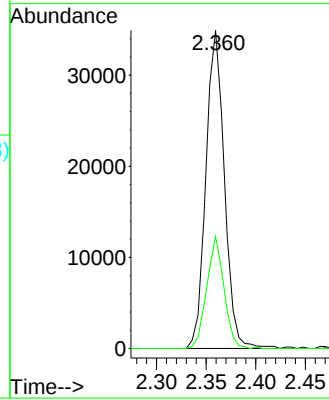
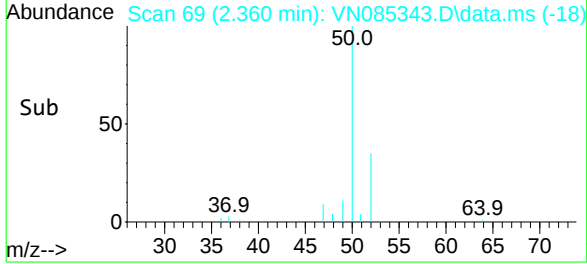
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01



Tgt Ion: 50 Resp: 45361
Ion Ratio Lower Upper
50 100
52 35.2 25.1 37.7

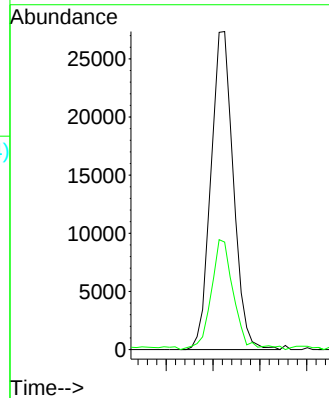
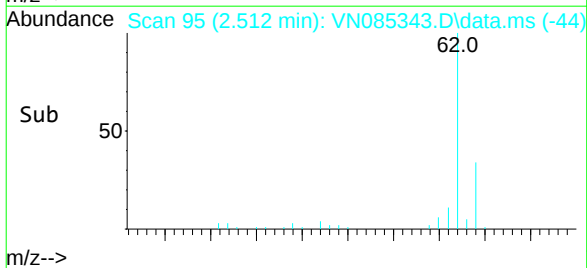
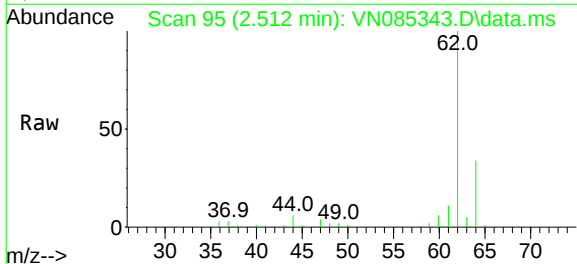
Manual Integrations
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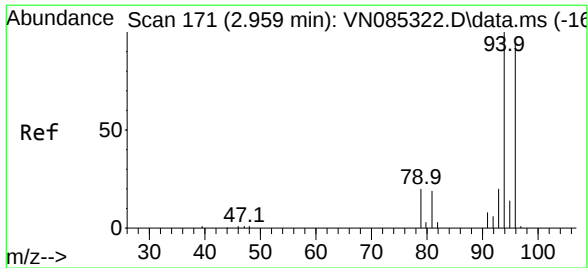
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#4
Vinyl Chloride
Concen: 17.246 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Tgt Ion: 62 Resp: 45574
Ion Ratio Lower Upper
62 100
64 33.8 27.0 40.6





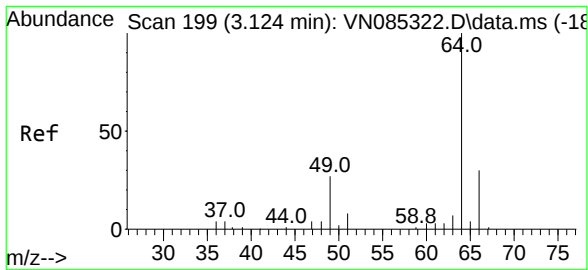
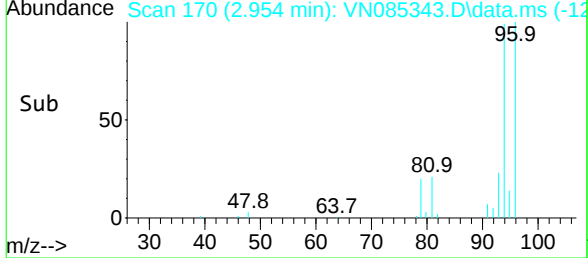
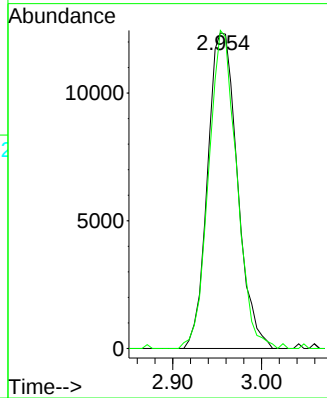
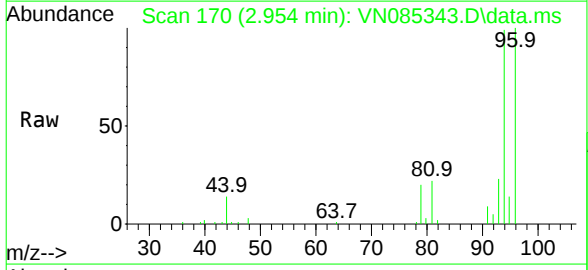
#5
Bromomethane
Concen: 16.623 ug/l
RT: 2.954 min Scan# 171
Delta R.T. -0.006 min
Lab File: VN085343.D
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Tgt Ion: 94 Resp: 28729
Ion Ratio Lower Upper
94 100
96 100.8 75.2 112.8

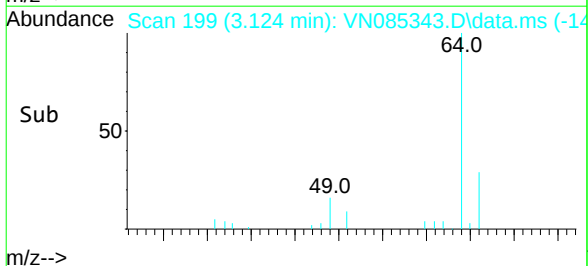
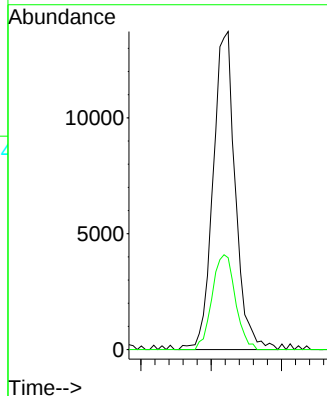
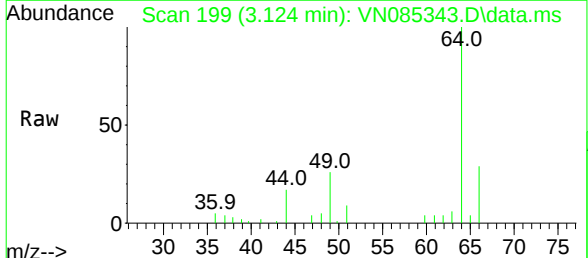
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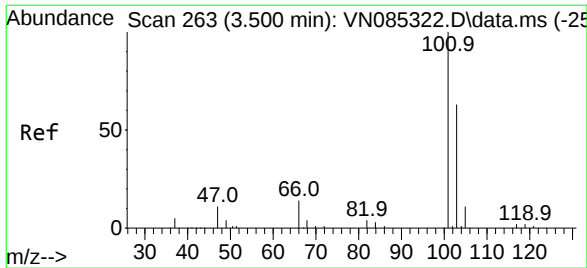
Reviewed By :John Carlone 12/31/2024
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#6
Chloroethane
Concen: 18.039 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN085343.D
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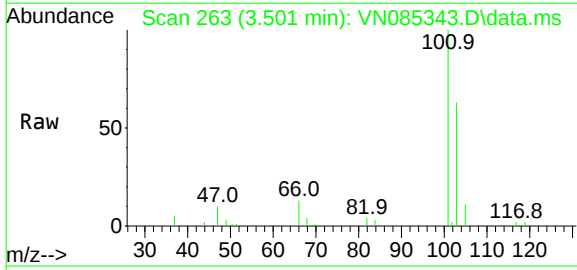
Tgt Ion: 64 Resp: 30230
Ion Ratio Lower Upper
64 100
66 28.9 24.1 36.1





#7
 Trichlorofluoromethane
 Concen: 18.981 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN085343.D
 Acq: 30 Dec 2024 14:25

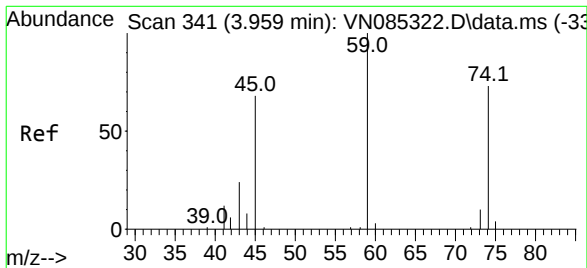
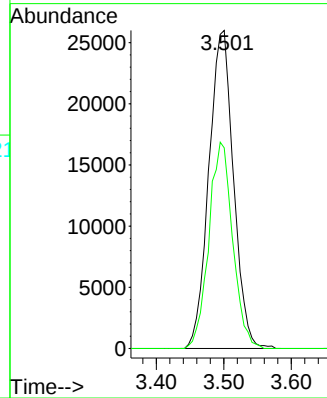
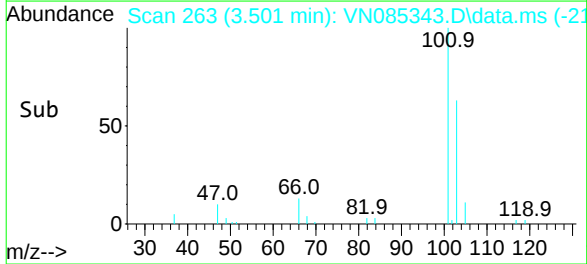
Instrument :
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 ClientSampleId :
 VN1230WBSD01



Tgt Ion: 101 Resp: 65933
 Ion Ratio Lower Upper
 101 100
 103 63.1 50.3 75.5

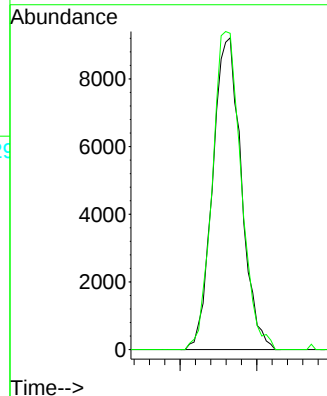
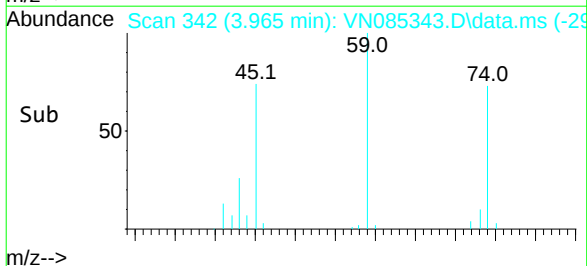
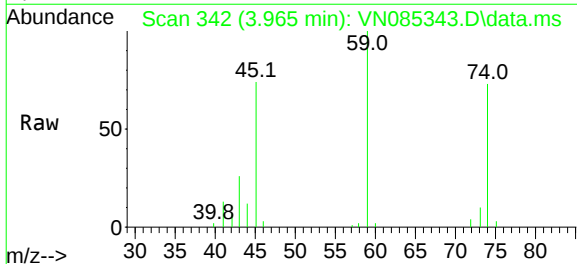
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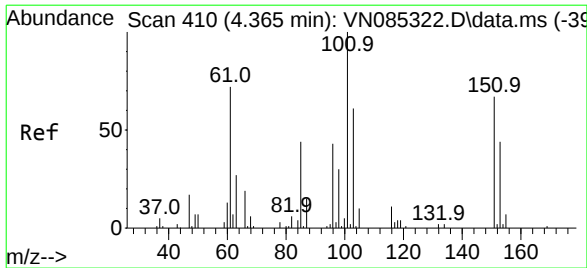
Reviewed By : John Carlone 12/31/2024
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#8
 Diethyl Ether
 Concen: 20.721 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN085343.D
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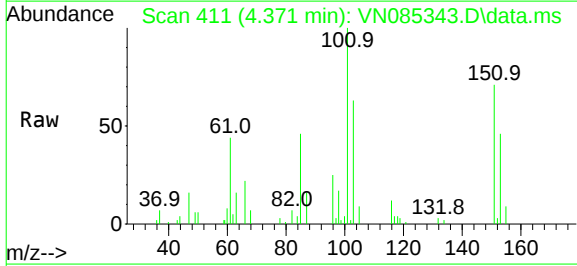
Tgt Ion: 74 Resp: 23833
 Ion Ratio Lower Upper
 74 100
 45 102.6 47.5 142.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.593 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085343.D
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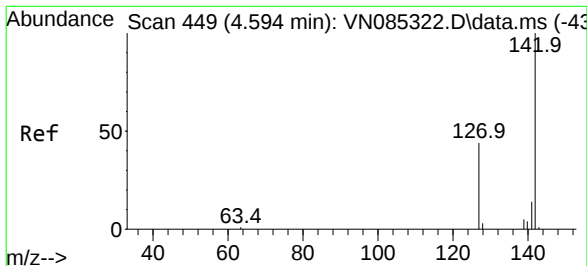
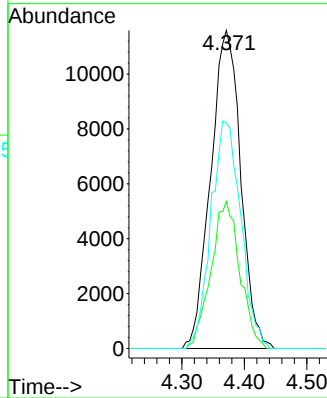
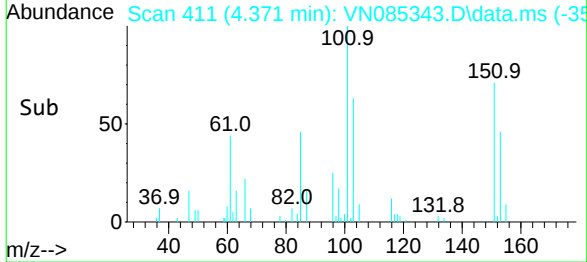
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01



Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.4	36.2	54.4
151	71.0	55.8	83.6

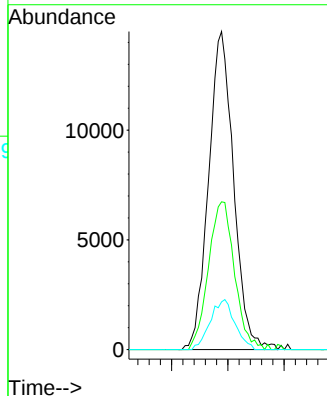
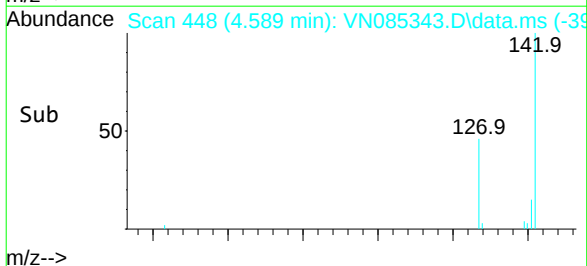
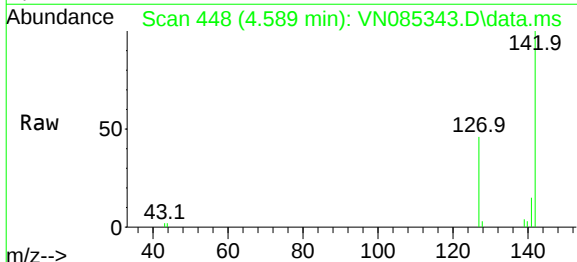
Manual Integrations
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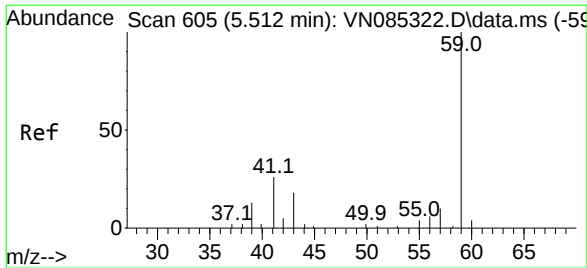
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#10
Methyl Iodide
Concen: 19.576 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.5	35.3	52.9
141	15.0	11.5	17.3





#11

Tert butyl alcohol

Concen: 136.596 ug/l

RT: 5.524 min Scan# 605

Delta R.T. 0.012 min

Lab File: VN085343.D

Acq: 30 Dec 2024 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN1230WBSD01

Tgt Ion: 59 Resp: 40103

Ion Ratio Lower Upper

59 100

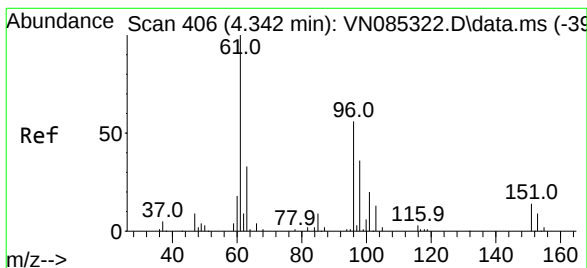
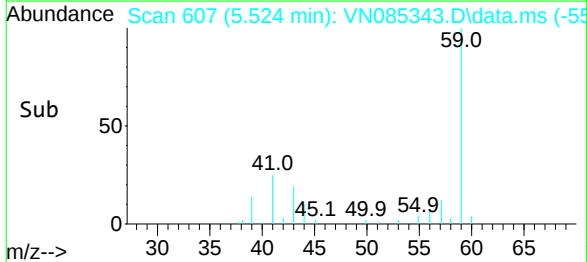
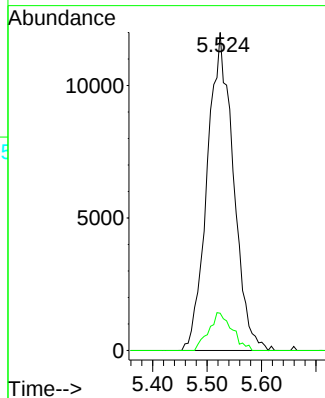
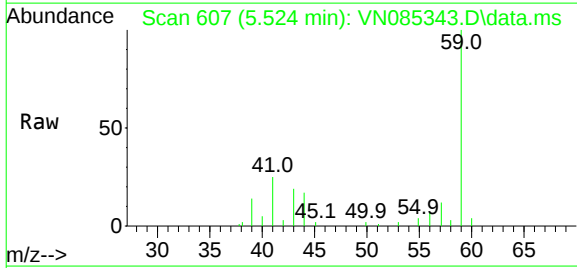
57 10.6 8.1 12.1

Manual Integrations

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Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#12

1,1-Dichloroethene

Concen: 18.619 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.006 min

Lab File: VN085343.D

Acq: 30 Dec 2024 14:25

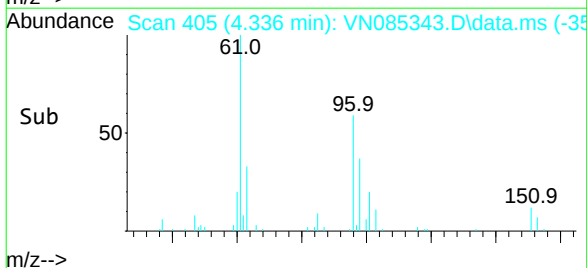
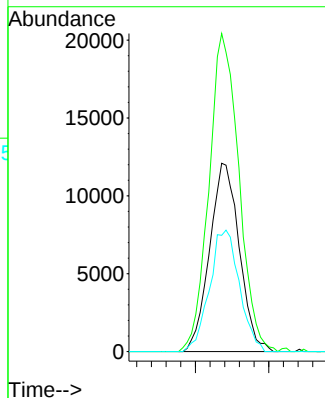
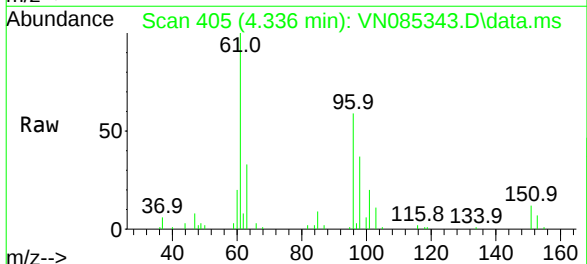
Tgt Ion: 96 Resp: 34012

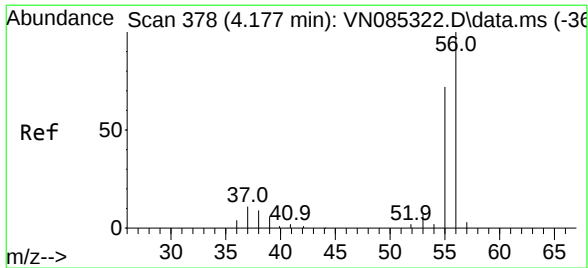
Ion Ratio Lower Upper

96 100

61 168.9 142.4 213.6

98 61.7 51.5 77.3





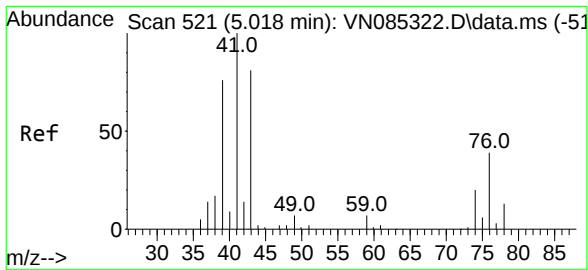
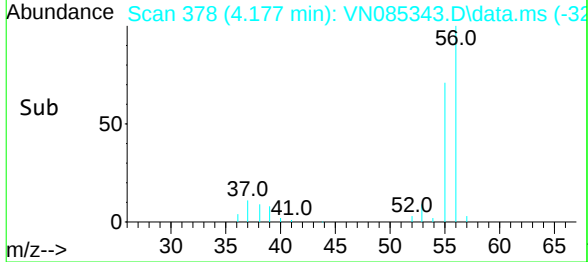
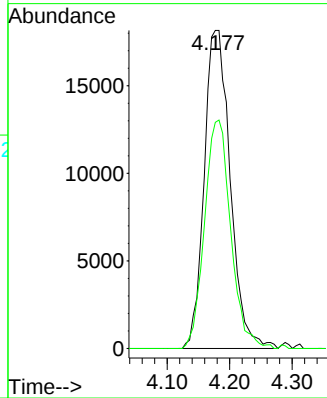
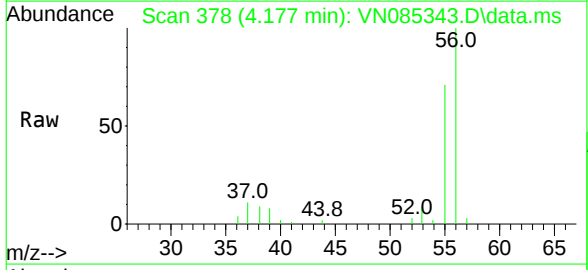
#13
Acrolein
Concen: 115.074 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Tgt Ion: 56 Resp: 52672
Ion Ratio Lower Upper
56 100
55 72.1 57.5 86.3

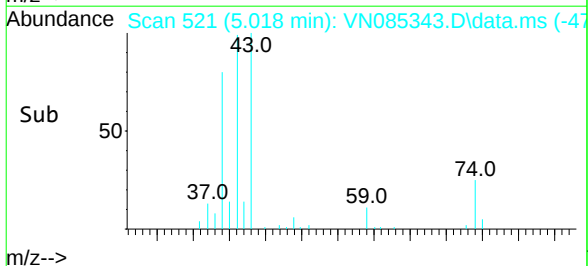
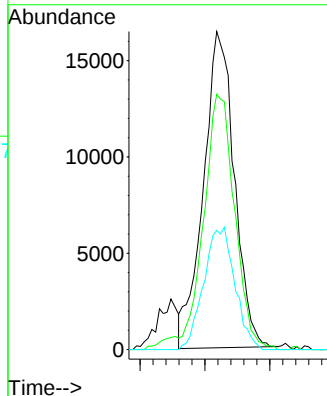
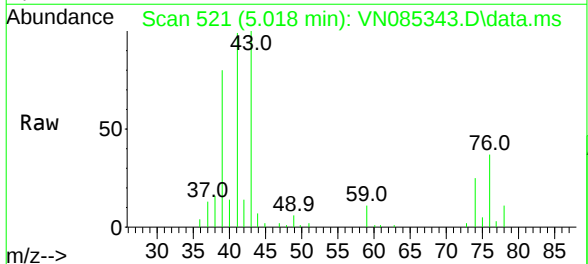
Manual Integrations
APPROVED

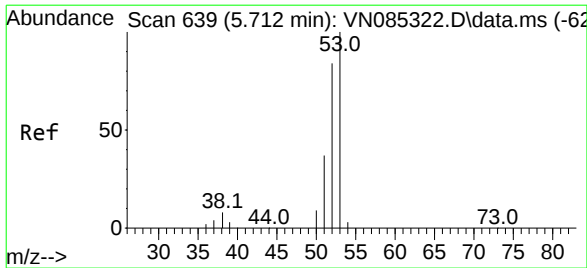
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#14
Allyl chloride
Concen: 18.615 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Tgt Ion: 41 Resp: 54422
Ion Ratio Lower Upper
41 100
39 82.7 64.4 96.6
76 38.8 31.5 47.3





#15

Acrylonitrile

Concen: 120.106 ug/l

RT: 5.718 min Scan# 64

Delta R.T. 0.006 min

Lab File: VN085343.D

Acq: 30 Dec 2024 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN1230WBSD01

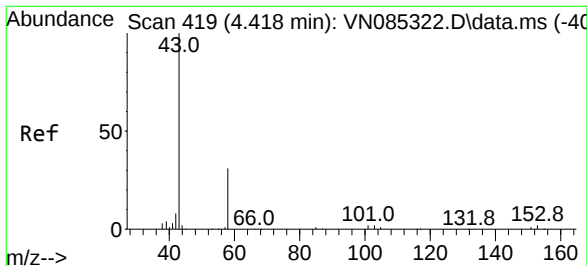
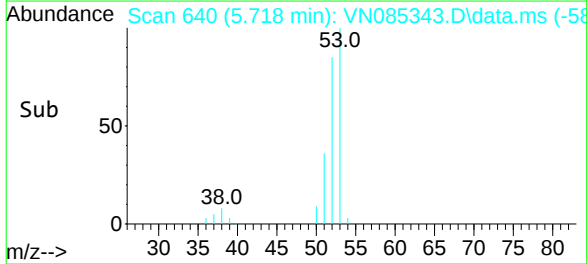
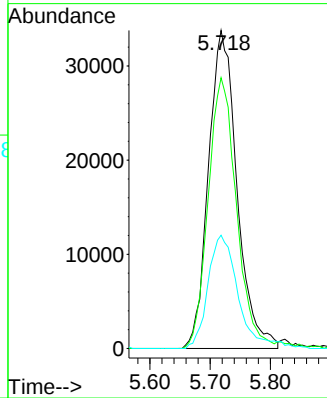
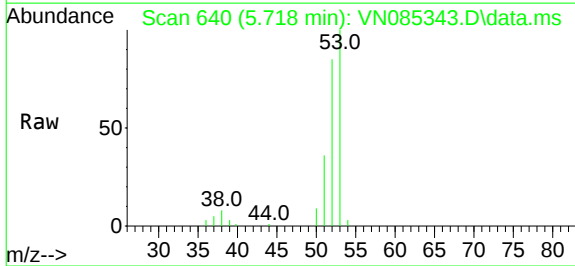
Tgt Ion:	53	Resp:	110982
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.6	100.0
51	37.9	29.6	44.4

Manual Integrations

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Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#16

Acetone

Concen: 126.506 ug/l

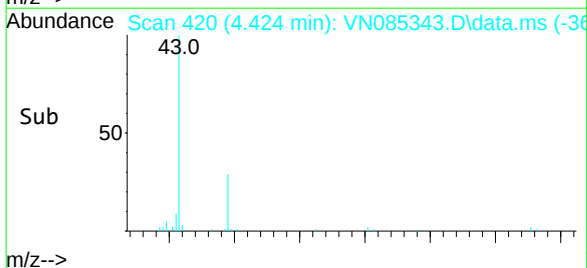
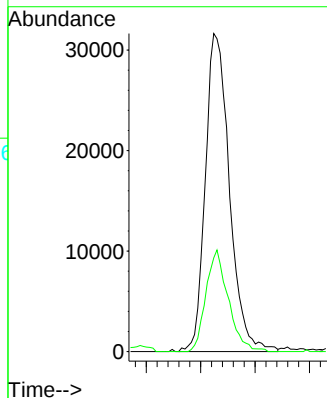
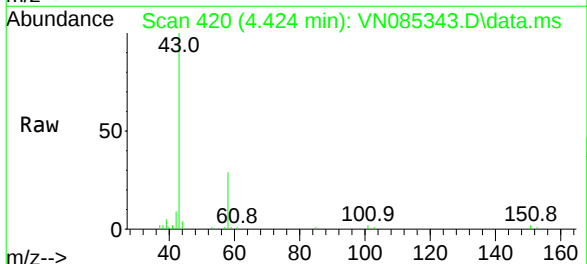
RT: 4.424 min Scan# 420

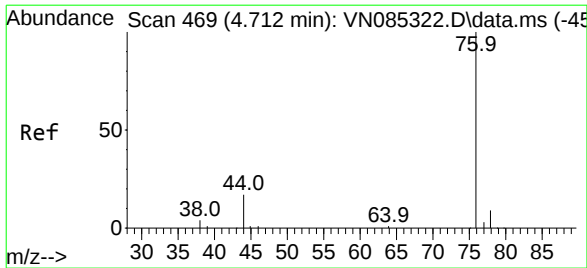
Delta R.T. 0.006 min

Lab File: VN085343.D

Acq: 30 Dec 2024 14:25

Tgt Ion:	43	Resp:	97531
Ion	Ratio	Lower	Upper
43	100		
58	29.5	24.5	36.7





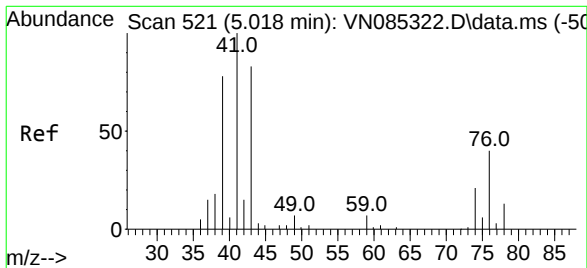
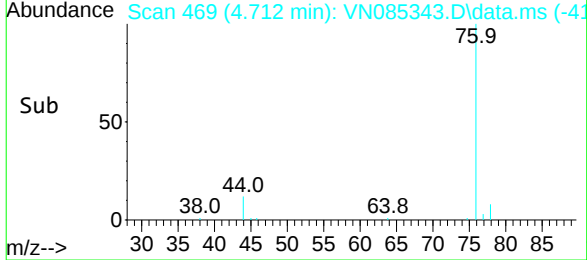
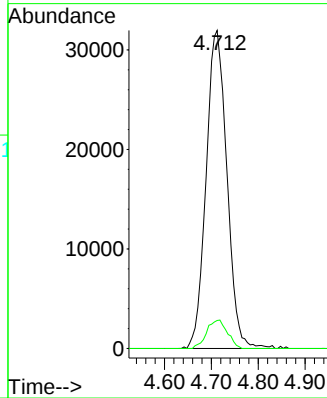
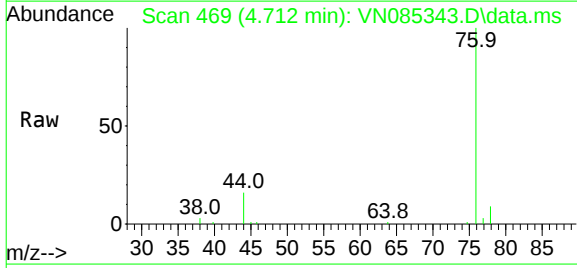
#17
Carbon Disulfide
Concen: 17.736 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Tgt Ion: 76 Resp: 98561
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

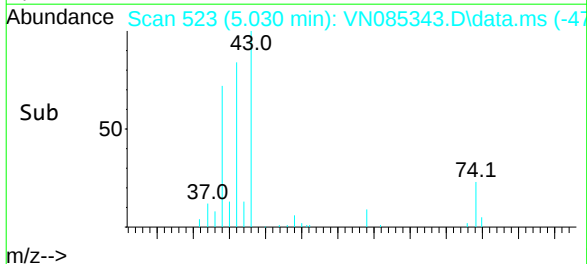
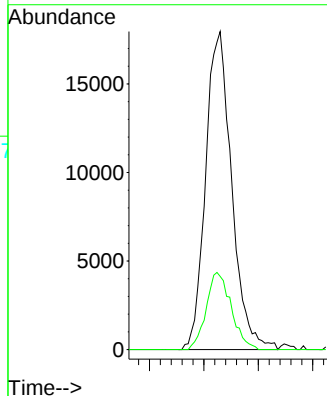
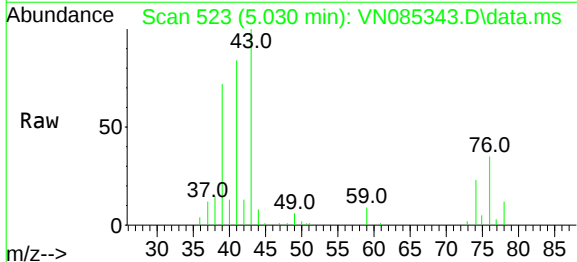
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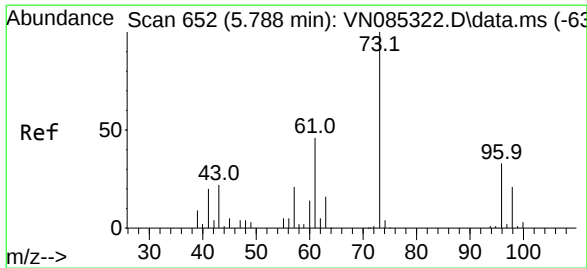
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#18
Methyl Acetate
Concen: 25.332 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Tgt Ion: 43 Resp: 59792
Ion Ratio Lower Upper
43 100
74 23.2 19.0 28.6





#19

Methyl tert-butyl Ether

Concen: 20.885 ug/l

RT: 5.795 min Scan# 65

Delta R.T. 0.006 min

Lab File: VN085343.D

Acq: 30 Dec 2024 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN1230WBSD01

Tgt Ion: 73 Resp: 124006

Ion Ratio Lower Upper

73 100

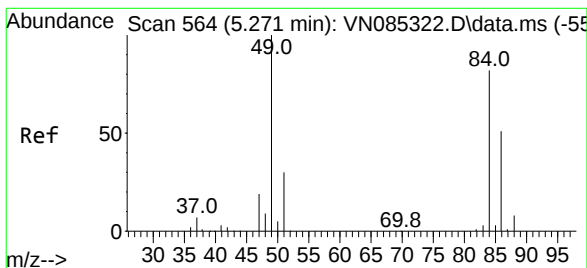
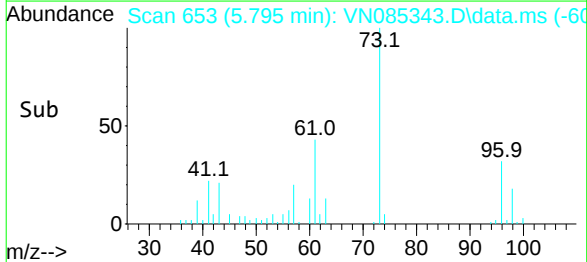
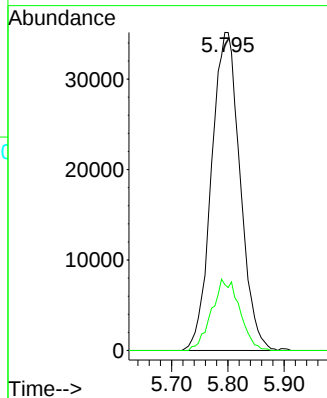
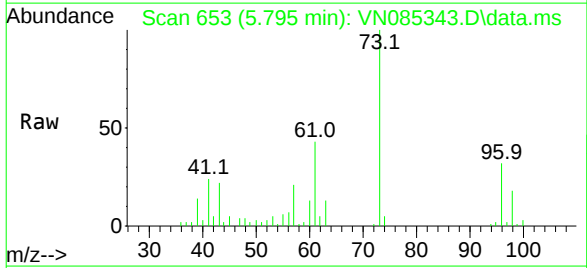
57 20.7 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#20

Methylene Chloride

Concen: 20.667 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.006 min

Lab File: VN085343.D

Acq: 30 Dec 2024 14:25

Tgt Ion: 84 Resp: 42857

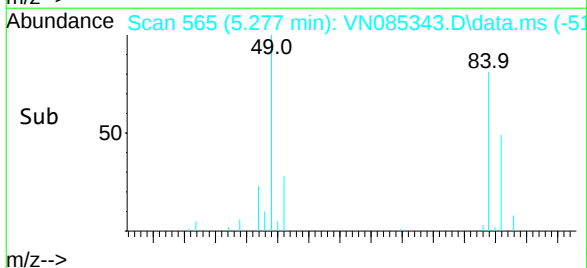
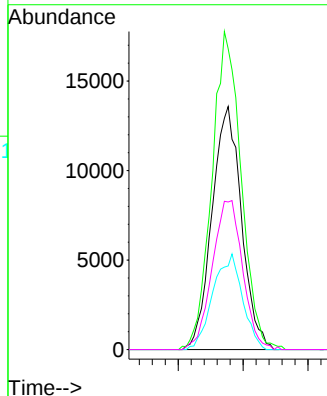
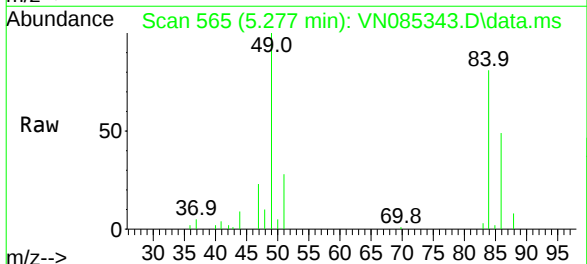
Ion Ratio Lower Upper

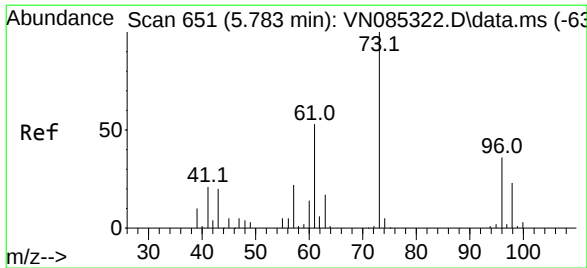
84 100

49 123.8 97.6 146.4

51 34.4 29.1 43.7

86 60.7 49.3 73.9





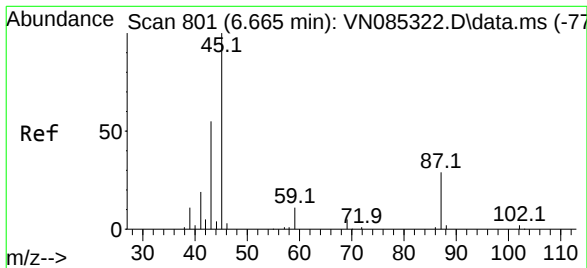
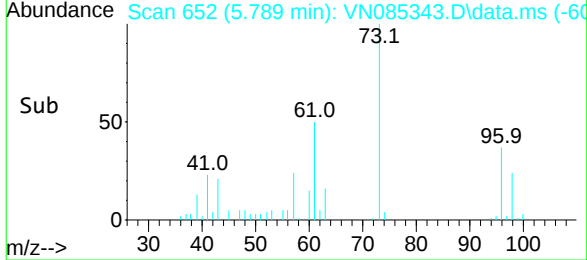
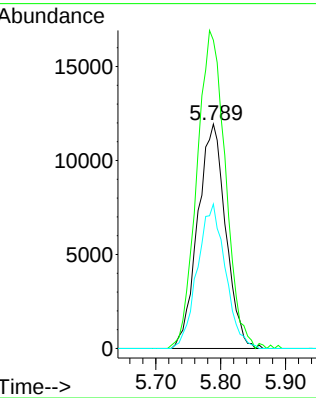
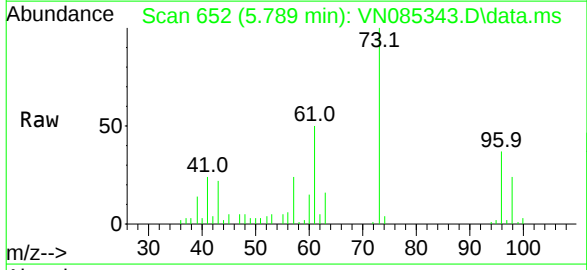
#21
trans-1,2-Dichloroethene
Concen: 18.734 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Tgt Ion: 96 Resp: 35748
Ion Ratio Lower Upper
96 100
61 137.4 118.0 177.0
98 64.3 50.6 75.8

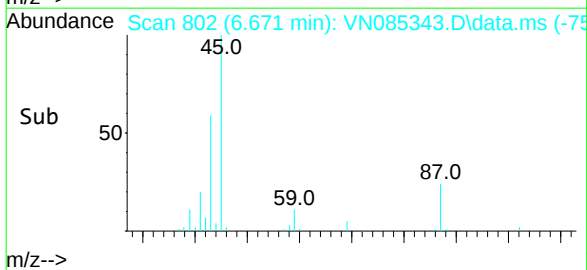
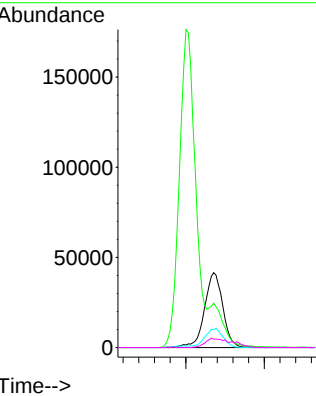
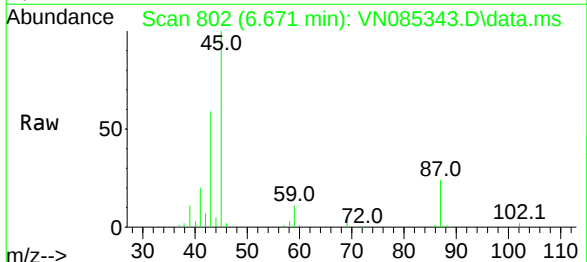
Manual Integrations
APPROVED

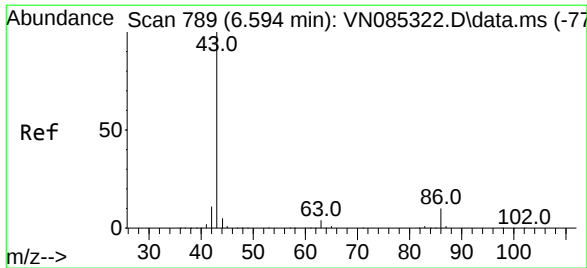
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#22
Diisopropyl ether
Concen: 21.461 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Tgt Ion: 45 Resp: 135205
Ion Ratio Lower Upper
45 100
43 58.3 44.1 66.1
87 24.1 23.2 34.8
59 11.3 9.0 13.6





#23

Vinyl Acetate

Concen: 110.151 ug/l

RT: 6.600 min Scan# 790

Delta R.T. 0.006 min

Lab File: VN085343.D

Acq: 30 Dec 2024 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN1230WBSD01

Tgt Ion: 43 Resp: 502027

Ion Ratio Lower Upper

43 100

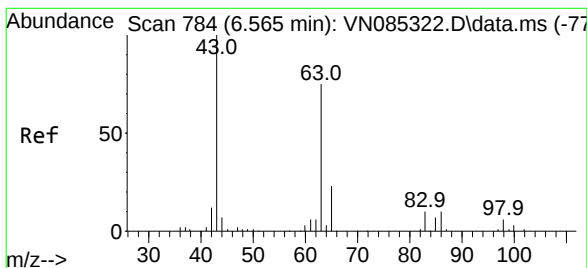
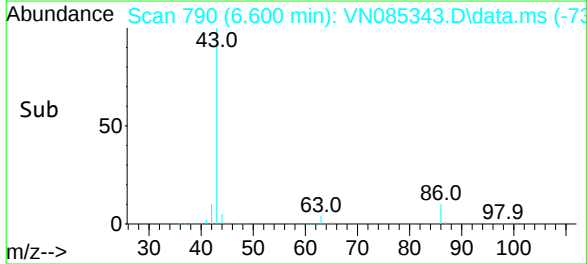
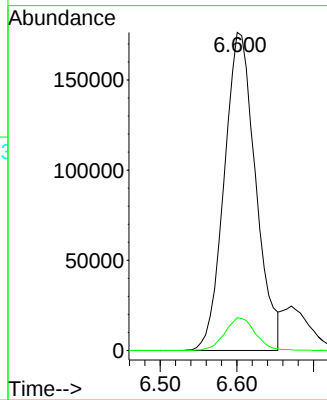
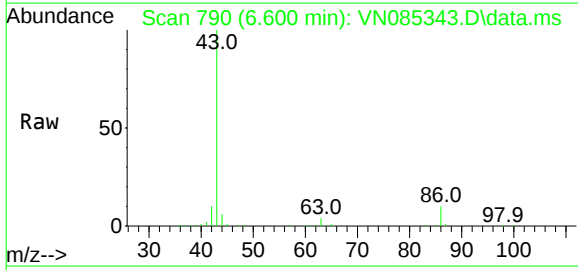
86 10.3 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#24

1,1-Dichloroethane

Concen: 19.722 ug/l

RT: 6.571 min Scan# 785

Delta R.T. 0.006 min

Lab File: VN085343.D

Acq: 30 Dec 2024 14:25

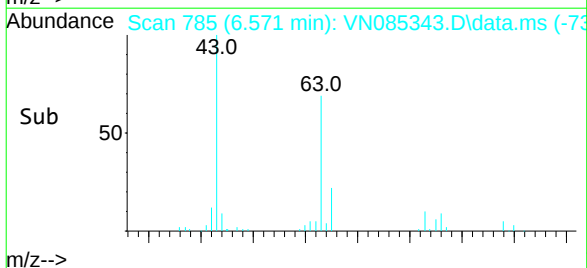
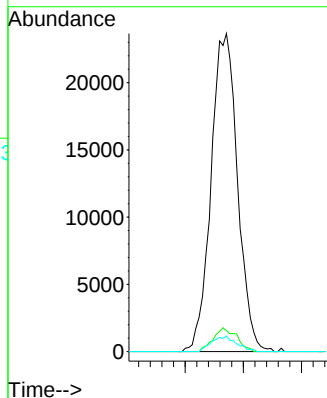
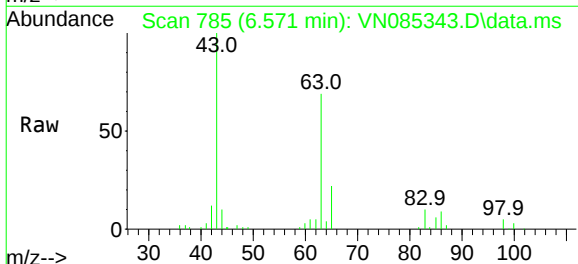
Tgt Ion: 63 Resp: 74848

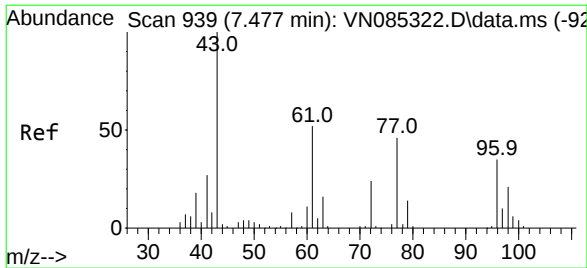
Ion Ratio Lower Upper

63 100

98 6.6 3.7 11.1

100 4.9 2.3 6.8





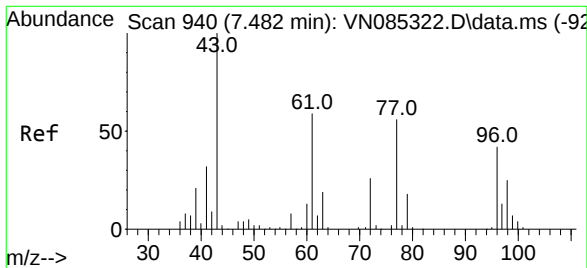
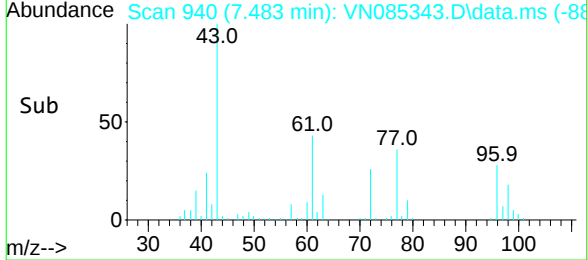
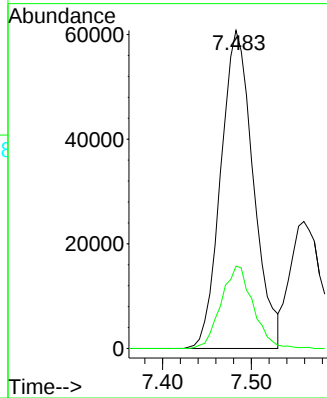
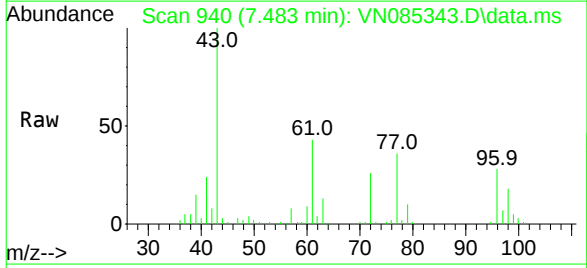
#25
2-Butanone
Concen: 129.678 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Tgt Ion: 43 Resp: 155103
Ion Ratio Lower Upper
43 100
72 25.9 19.6 29.4

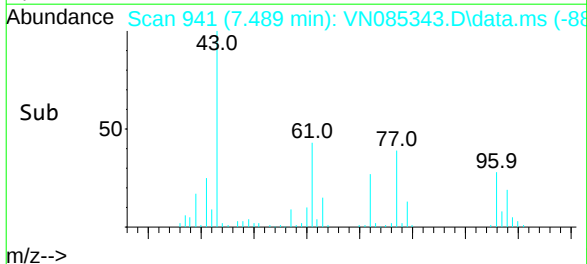
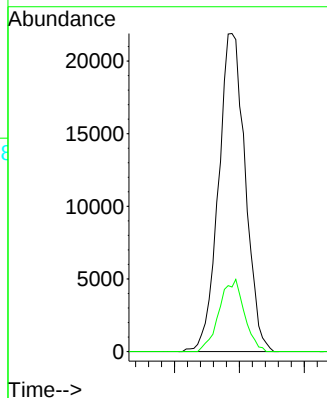
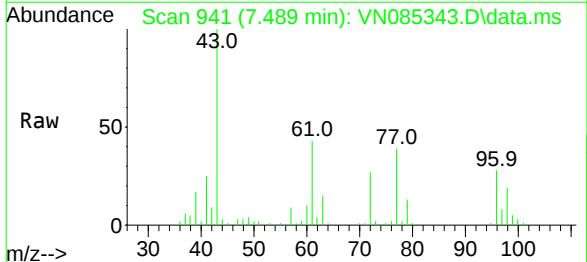
Manual Integrations
APPROVED

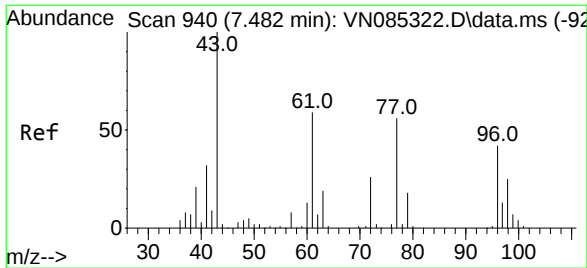
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#26
2,2-Dichloropropane
Concen: 18.818 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

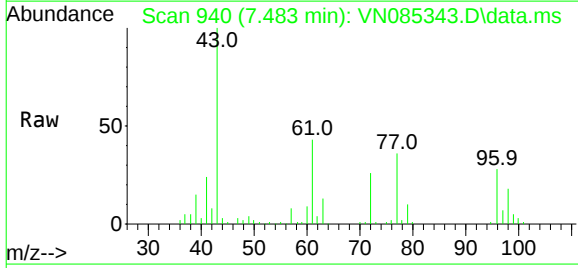
Tgt Ion: 77 Resp: 62568
Ion Ratio Lower Upper
77 100
97 21.3 10.6 31.8





#27
 cis-1,2-Dichloroethene
 Concen: 19.667 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085343.D
 Acq: 30 Dec 2024 14:25

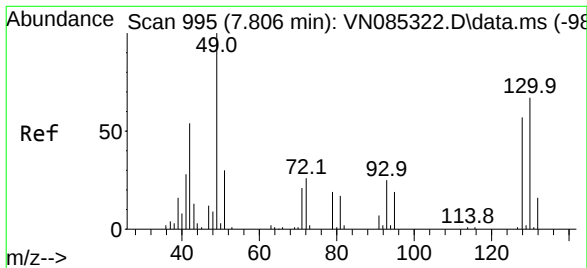
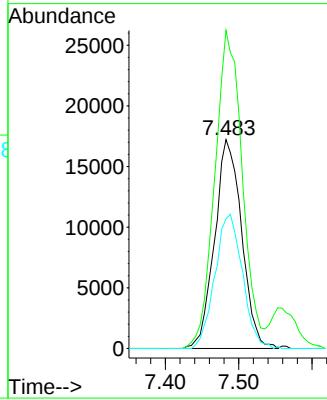
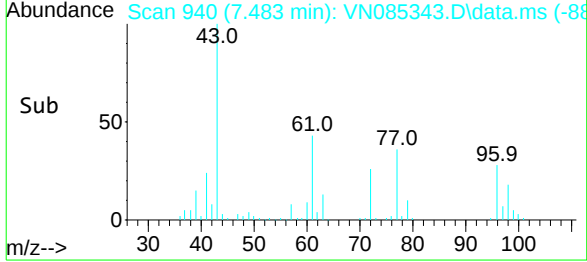
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1230WBSD01



Tgt Ion: 96 Resp: 44047
 Ion Ratio Lower Upper
 96 100
 61 155.2 0.0 296.4
 98 65.4 0.0 124.2

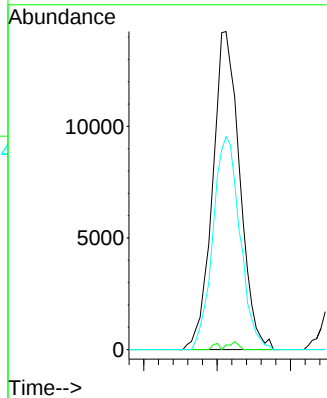
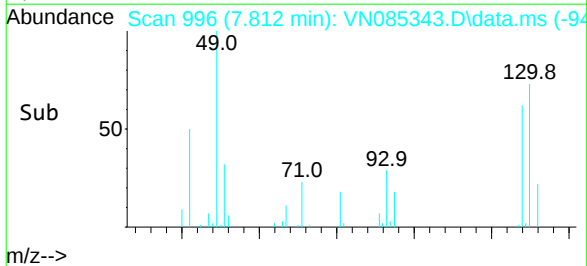
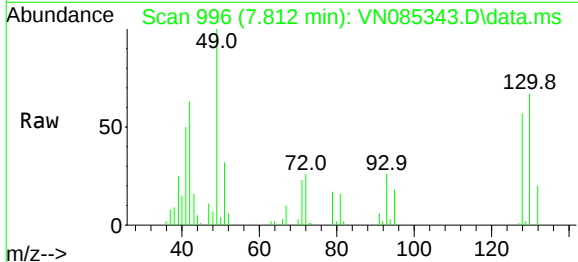
Manual Integrations
 APPROVED

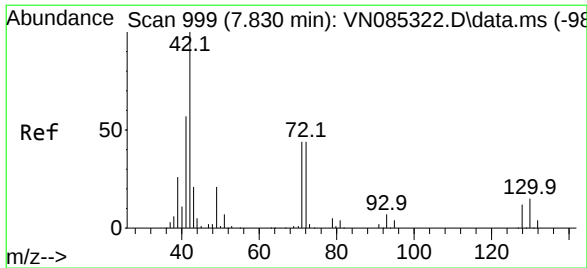
Reviewed By :John Carlone 12/31/2024
 Supervised By :Mahesh Dadoda 12/31/2024



#28
 Bromochloromethane
 Concen: 20.757 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085343.D
 Acq: 30 Dec 2024 14:25

Tgt Ion: 49 Resp: 36608
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 2.0
 130 66.7 0.0 0.0#





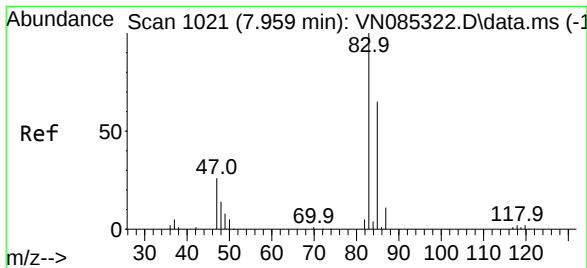
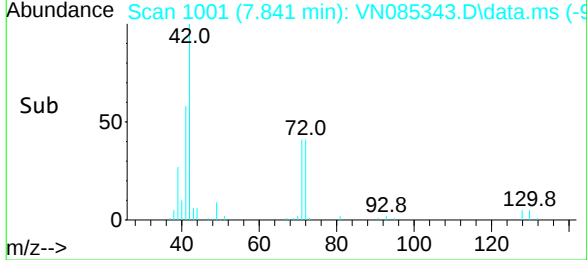
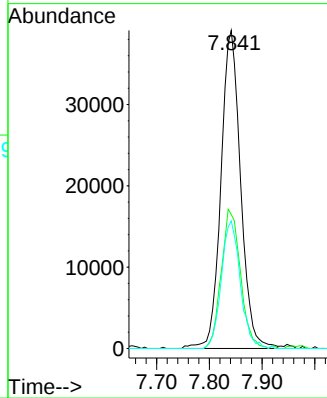
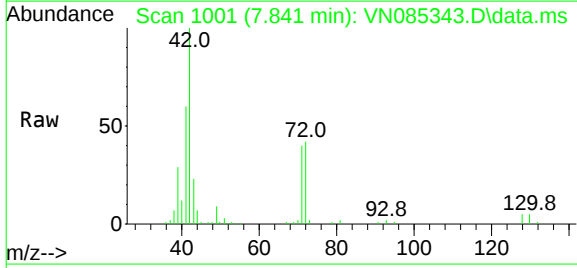
#29
Tetrahydrofuran
Concen: 131.798 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Tgt Ion: 42 Resp: 101543
Ion Ratio Lower Upper
42 100
72 42.6 35.1 52.7
71 38.6 33.4 50.0

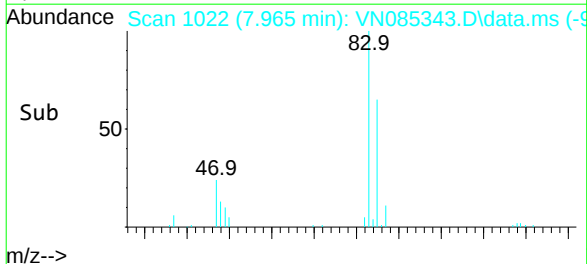
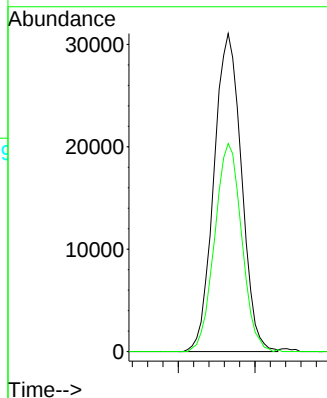
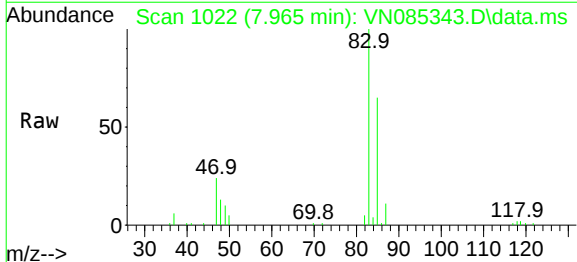
Manual Integrations
APPROVED

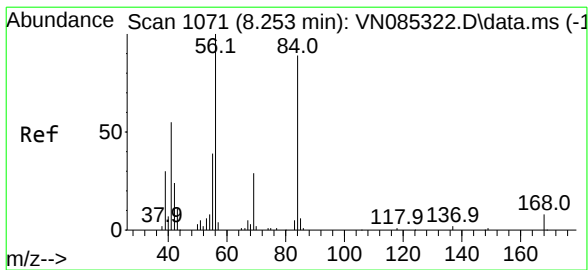
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#30
Chloroform
Concen: 19.962 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

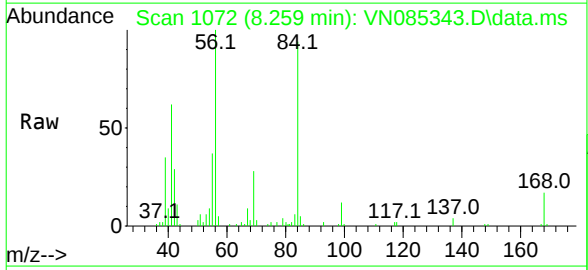
Tgt Ion: 83 Resp: 77502
Ion Ratio Lower Upper
83 100
85 65.4 52.0 78.0





#31
Cyclohexane
Concen: 18.053 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

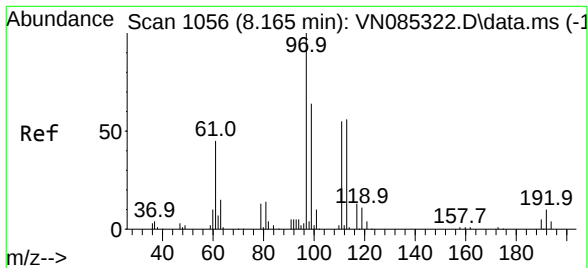
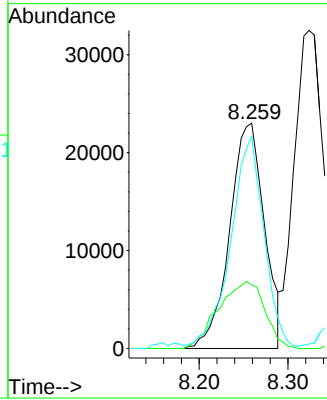
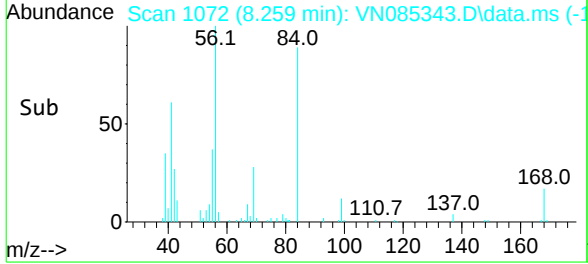
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01



Tgt Ion: 56 Resp: 62563
Ion Ratio Lower Upper
56 100
69 27.4 23.4 35.0
84 92.1 71.0 106.6

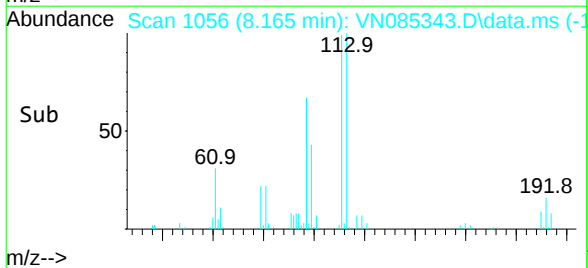
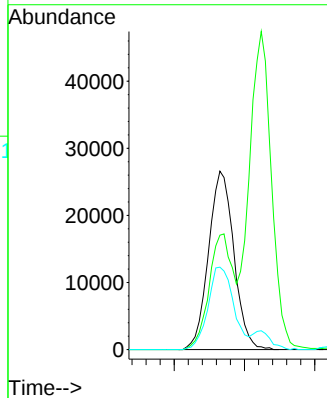
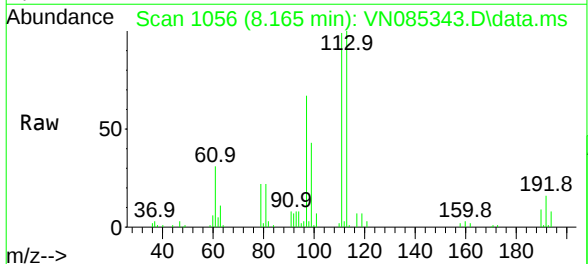
Manual Integrations
APPROVED

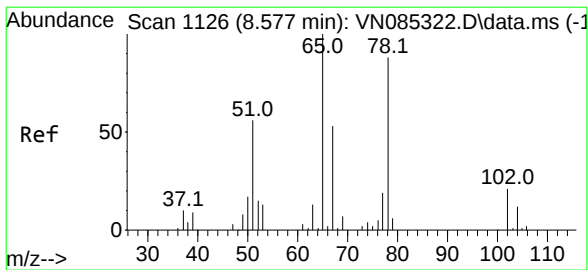
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#32
1,1,1-Trichloroethane
Concen: 19.199 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Tgt Ion: 97 Resp: 66572
Ion Ratio Lower Upper
97 100
99 60.9 53.3 79.9
61 47.0 39.6 59.4





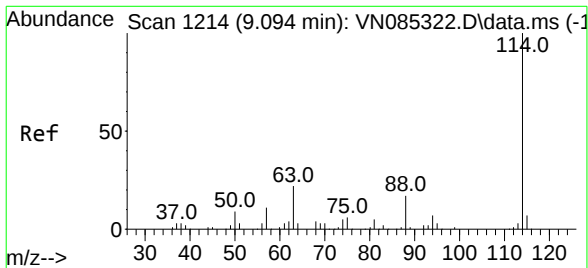
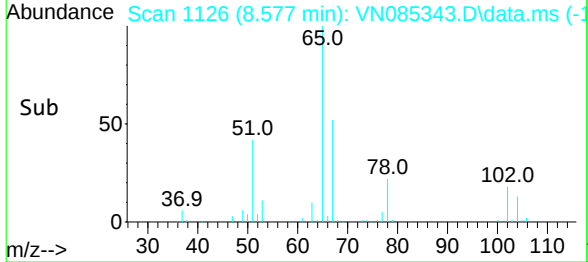
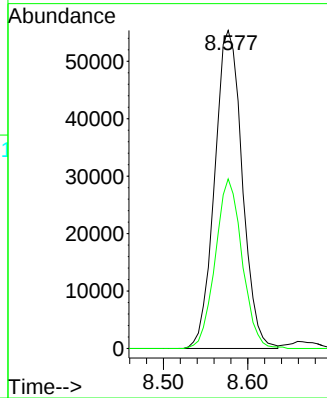
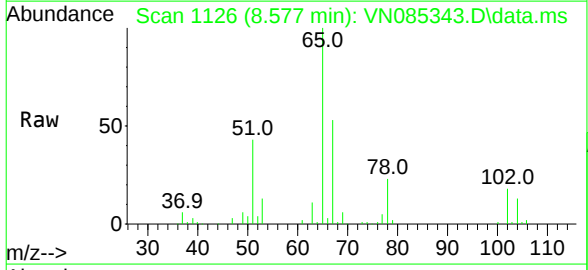
#33
1,2-Dichloroethane-d4
Concen: 53.493 ug/l
RT: 8.577 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Tgt Ion: 65 Resp: 125417
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0

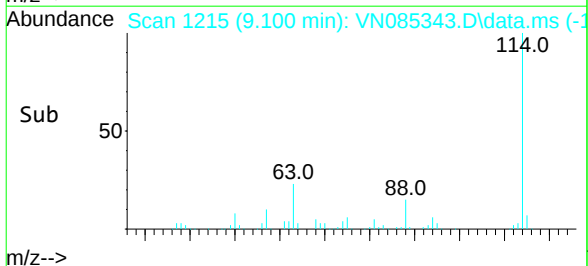
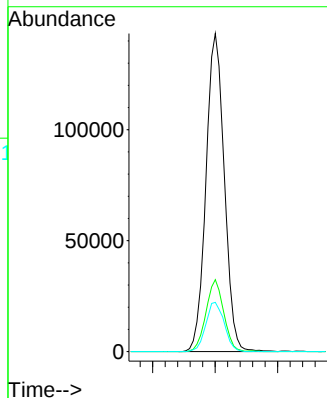
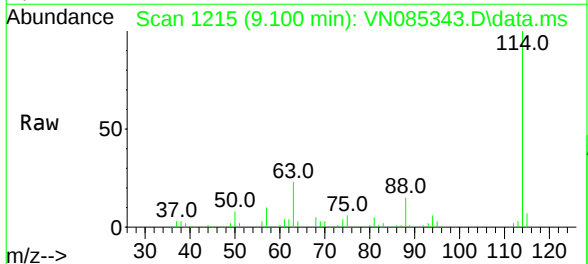
Manual Integrations
APPROVED

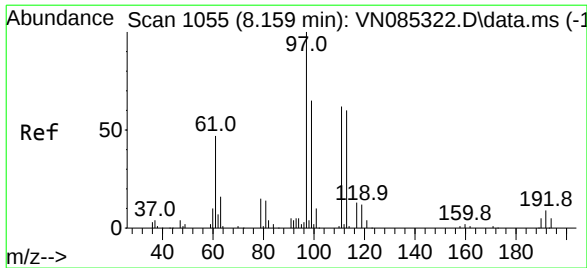
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

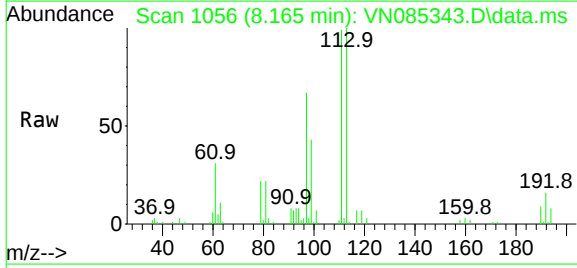
Tgt Ion:114 Resp: 292155
Ion Ratio Lower Upper
114 100
63 22.6 0.0 43.4
88 15.5 0.0 33.6





#35
Dibromofluoromethane
Concen: 52.183 ug/l
RT: 8.165 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

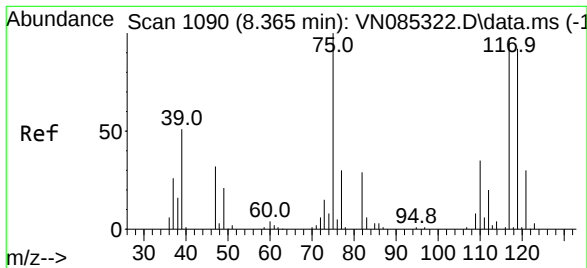
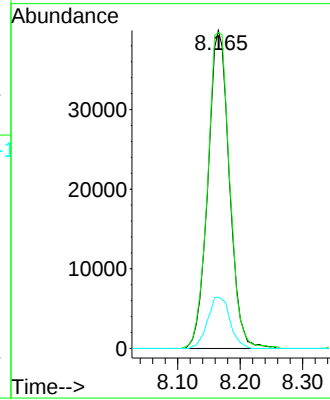
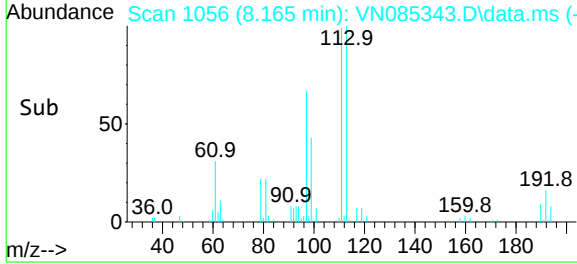
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01



Tgt Ion: 113 Resp: 95110
Ion Ratio Lower Upper
113 100
111 102.4 80.5 120.7
192 16.9 12.9 19.3

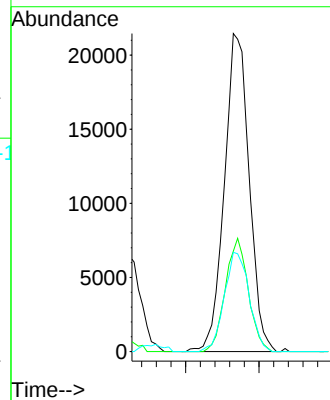
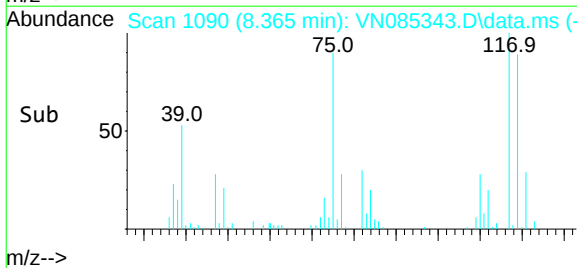
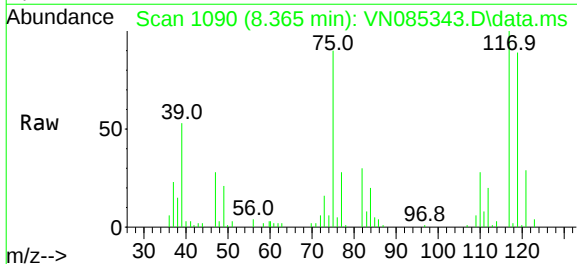
Manual Integrations
APPROVED

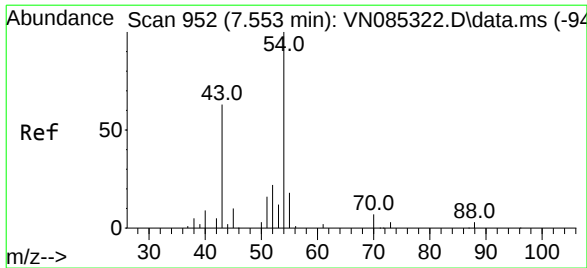
Reviewed By : John Carlone 12/31/2024
Supervised By : Mahesh Dadoda 12/31/2024



#36
1,1-Dichloropropene
Concen: 18.880 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Tgt Ion: 75 Resp: 50384
Ion Ratio Lower Upper
75 100
110 32.8 16.6 49.8
77 31.4 24.3 36.5





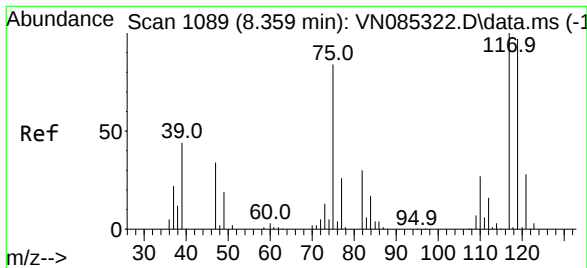
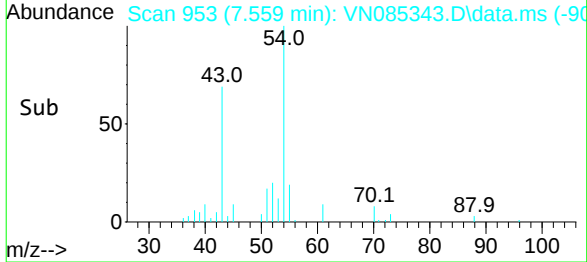
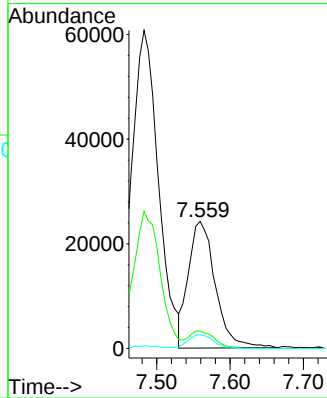
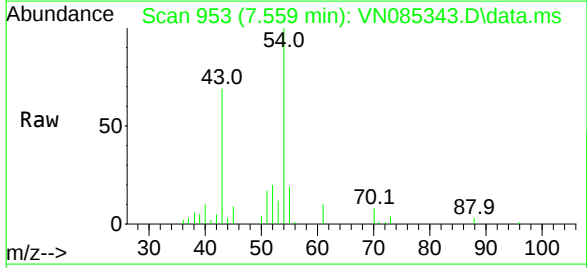
#37
Ethyl Acetate
Concen: 23.248 ug/l
RT: 7.559 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Tgt Ion:	43	Resp:	61664
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.4	15.6
70	10.4	8.2	12.2

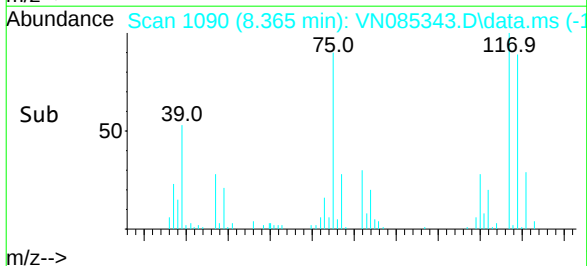
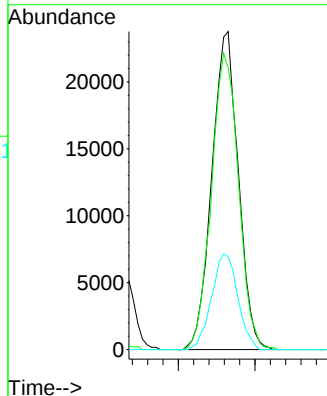
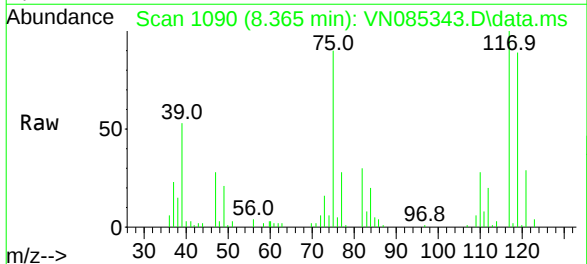
Manual Integrations
APPROVED

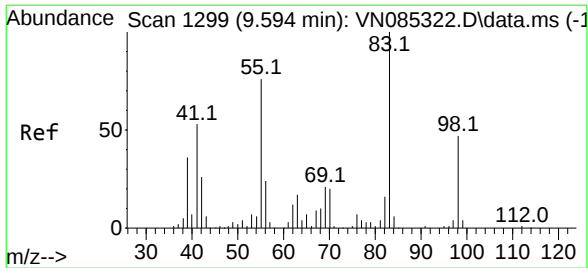
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#38
Carbon Tetrachloride
Concen: 19.574 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

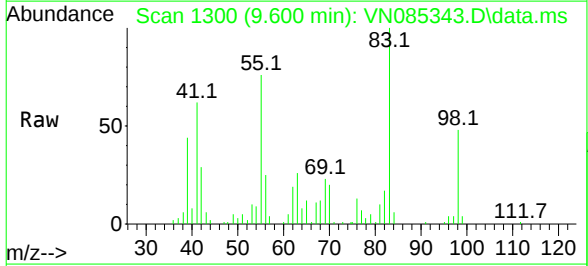
Tgt Ion:	117	Resp:	56937
Ion	Ratio	Lower	Upper
117	100		
119	88.6	77.8	116.6
121	29.2	22.5	33.7





#39
Methylcyclohexane
Concen: 18.530 ug/l
RT: 9.600 min Scan# 1310
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

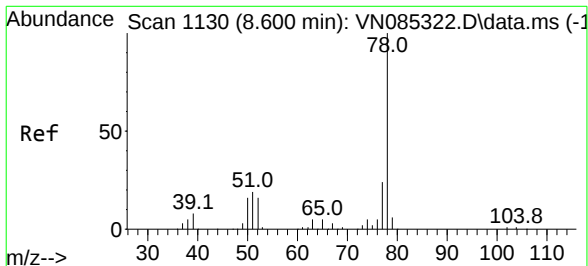
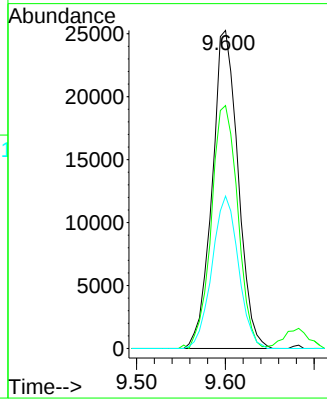
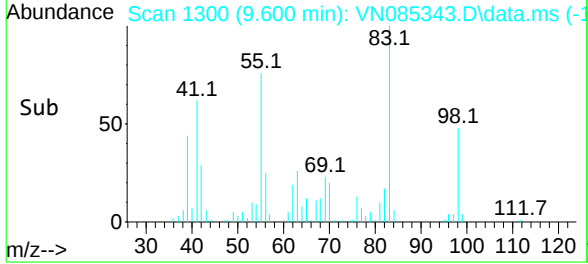
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01



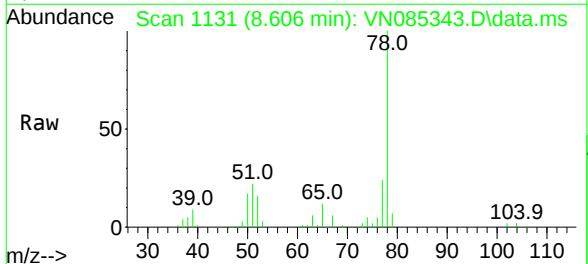
Tgt Ion: 83 Resp: 51305
Ion Ratio Lower Upper
83 100
55 76.4 60.7 91.1
98 47.9 37.7 56.5

Manual Integrations
APPROVED

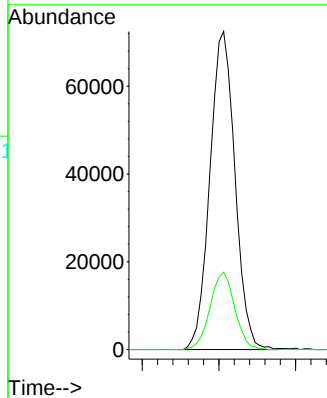
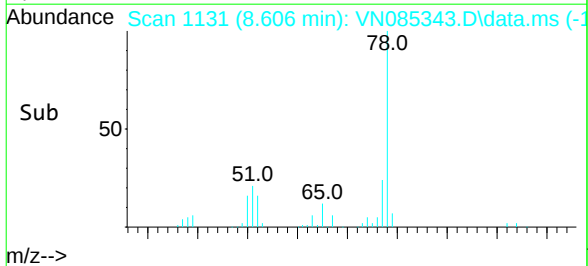
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024

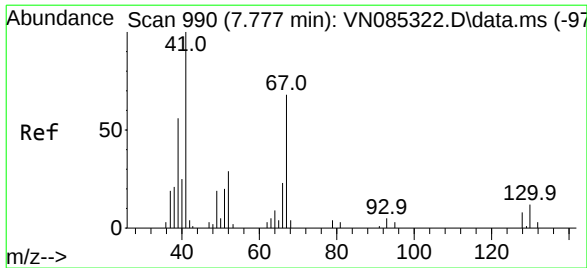


#40
Benzene
Concen: 20.396 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25



Tgt Ion: 78 Resp: 164562
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4





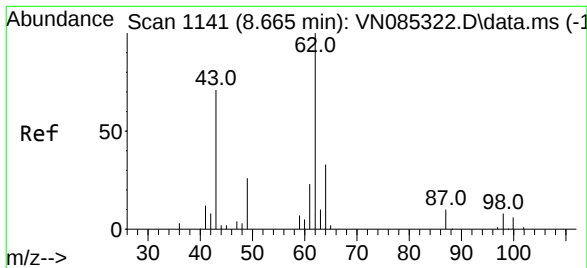
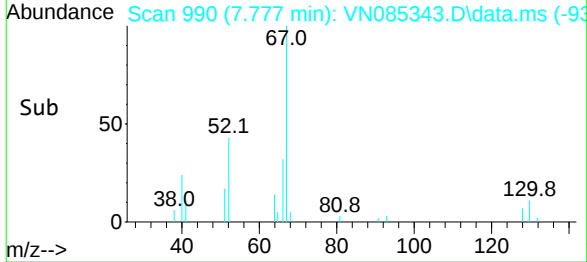
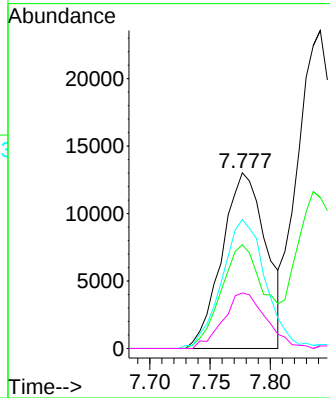
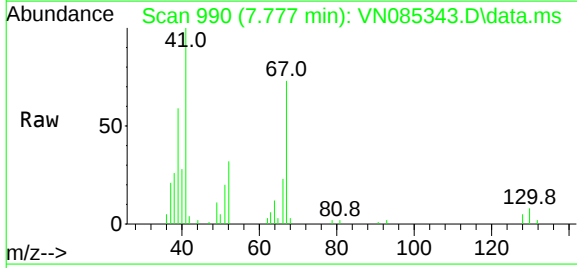
#41
Methacrylonitrile
Concen: 24.353 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Tgt Ion:	41	Resp:	33082
Ion	Ratio	Lower	Upper
41	100		
39	57.8	45.8	68.8
67	73.4	57.1	85.7
52	30.8	25.1	37.7

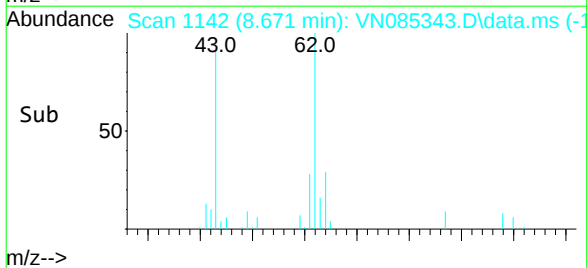
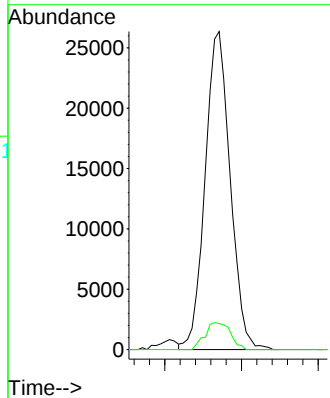
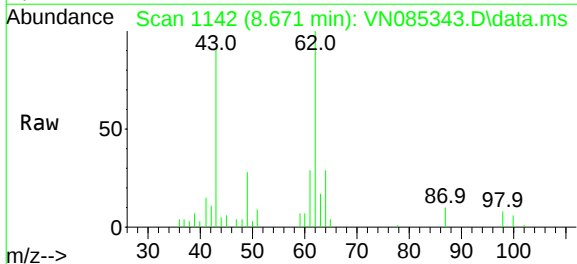
Manual Integrations
APPROVED

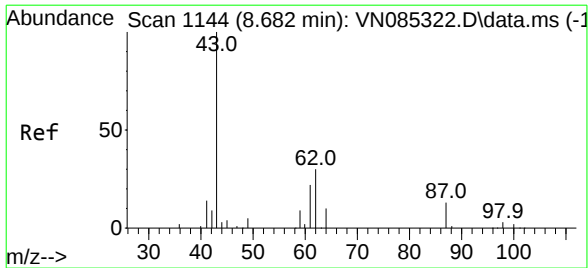
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#42
1,2-Dichloroethane
Concen: 20.681 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Tgt Ion:	62	Resp:	59826
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6





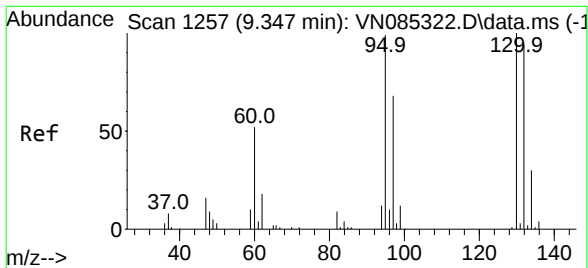
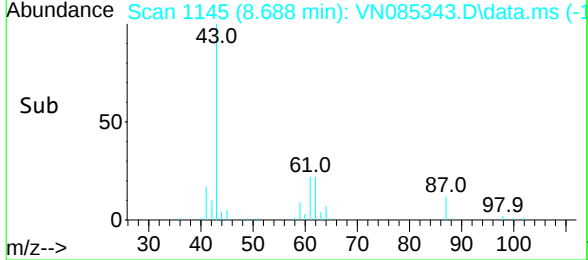
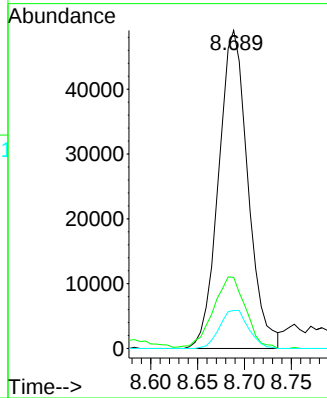
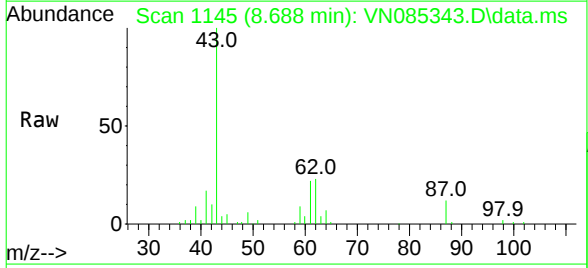
#43
Isopropyl Acetate
Concen: 24.491 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Tgt Ion: 43 Resp: 106965
Ion Ratio Lower Upper
43 100
61 24.8 20.8 31.2
87 11.8 10.2 15.4

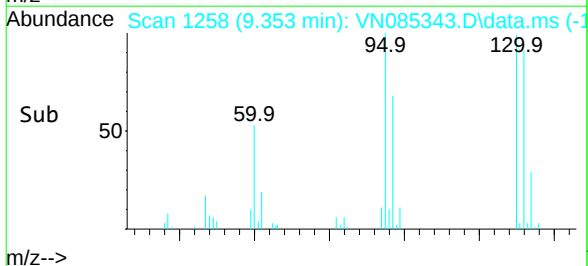
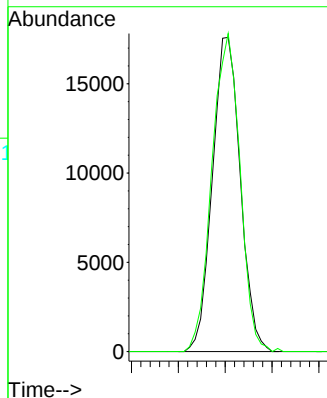
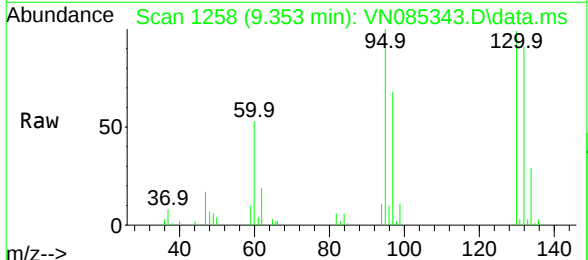
Manual Integrations
APPROVED

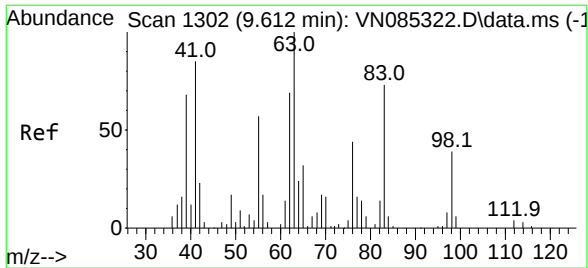
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#44
Trichloroethene
Concen: 19.082 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Tgt Ion:130 Resp: 36451
Ion Ratio Lower Upper
130 100
95 101.2 0.0 197.8





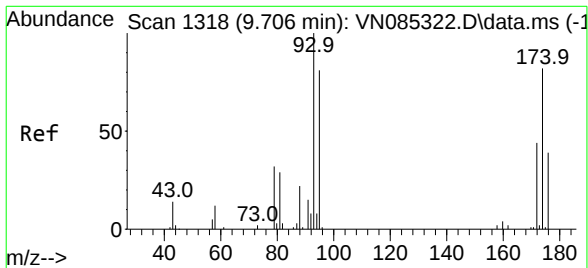
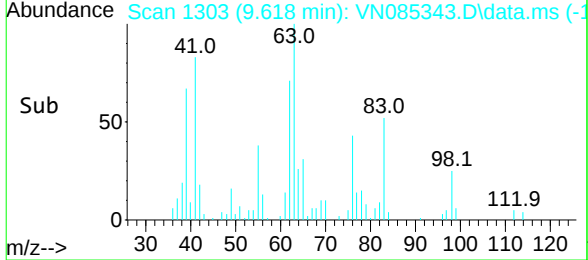
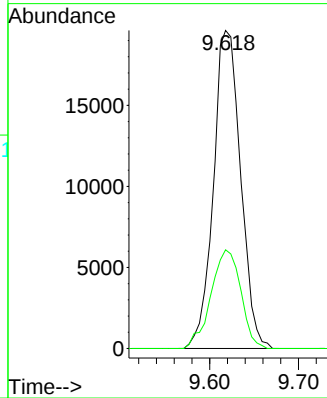
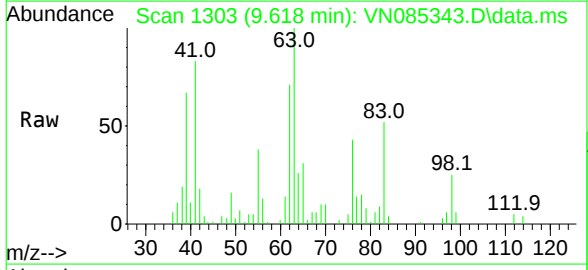
#45
1,2-Dichloropropane
Concen: 20.377 ug/l
RT: 9.618 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Tgt Ion: 63 Resp: 41737
Ion Ratio Lower Upper
63 100
65 31.0 25.5 38.3

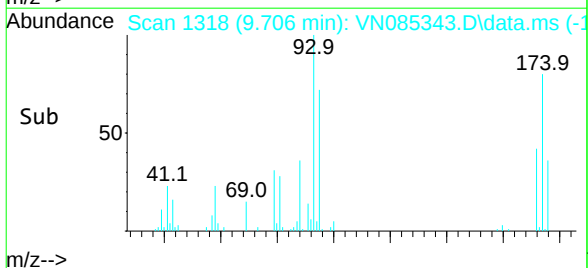
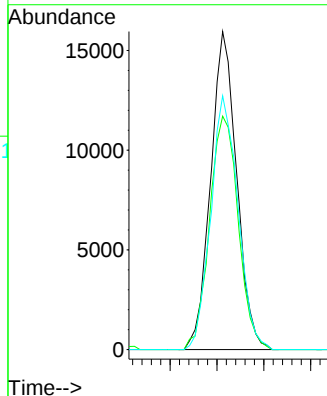
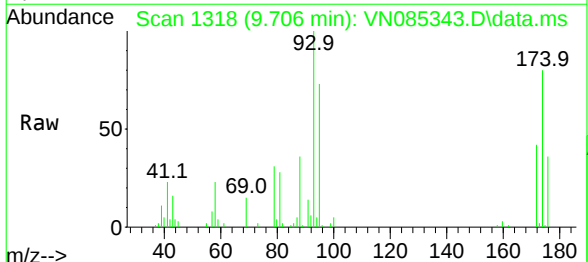
Manual Integrations
APPROVED

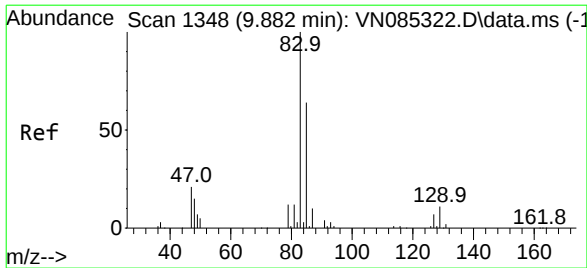
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#46
Dibromomethane
Concen: 21.643 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Tgt Ion: 93 Resp: 30830
Ion Ratio Lower Upper
93 100
95 80.6 65.3 97.9
174 83.7 66.4 99.6





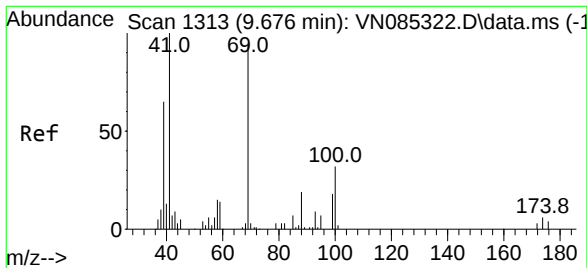
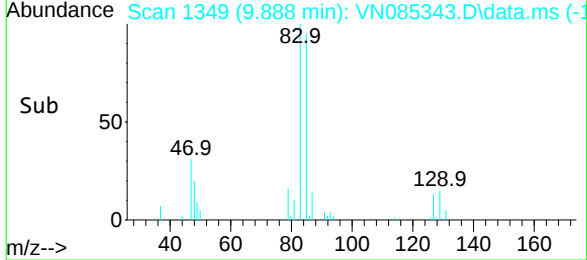
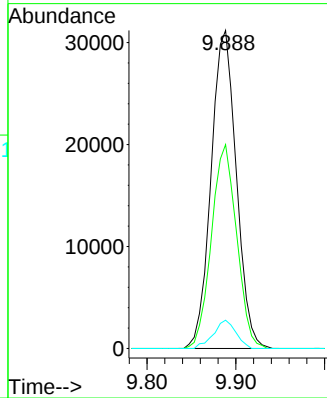
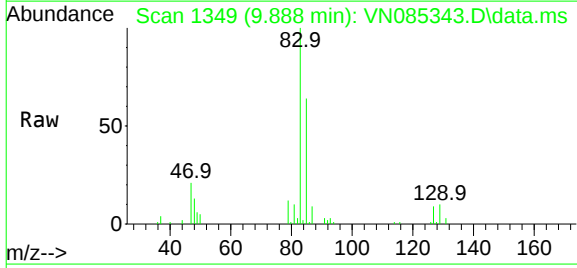
#47
Bromodichloromethane
Concen: 20.793 ug/l
RT: 9.888 min Scan# 1313
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Tgt Ion: 83 Resp: 61560
Ion Ratio Lower Upper
83 100
85 64.1 51.0 76.4
127 8.9 5.8 8.6

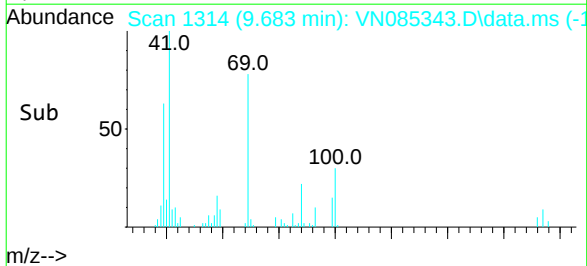
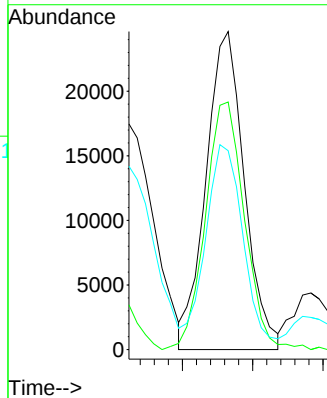
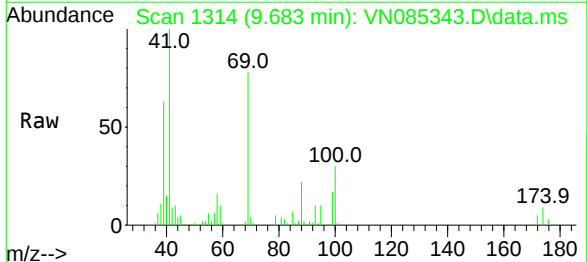
Manual Integrations
APPROVED

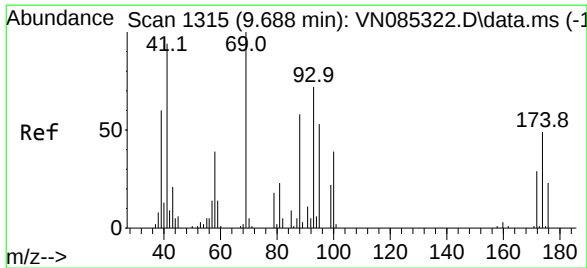
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#48
Methyl methacrylate
Concen: 24.561 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

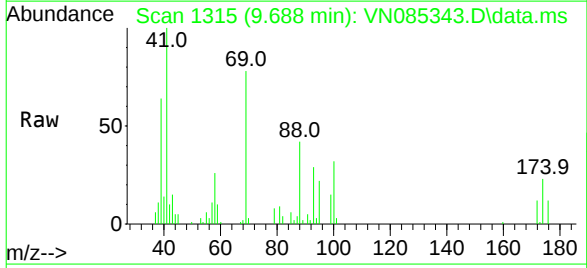
Tgt Ion: 41 Resp: 46547
Ion Ratio Lower Upper
41 100
69 79.6 67.7 101.5
39 63.9 51.2 76.8





#49
1,4-Dioxane
Concen: 604.336 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

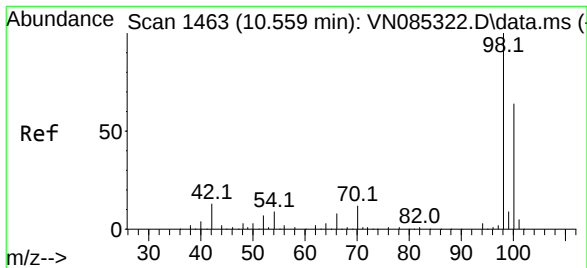
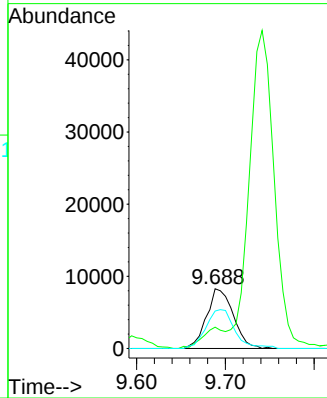
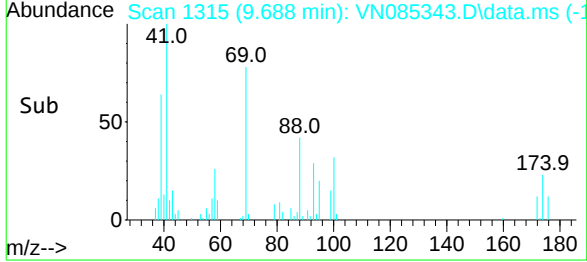
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01



Tgt Ion: 88 Resp: 17280
Ion Ratio Lower Upper
88 100
43 29.8 22.1 33.1
58 70.1 56.7 85.1

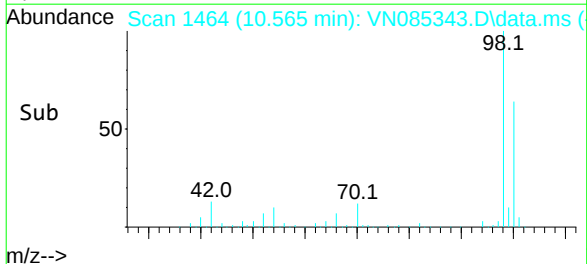
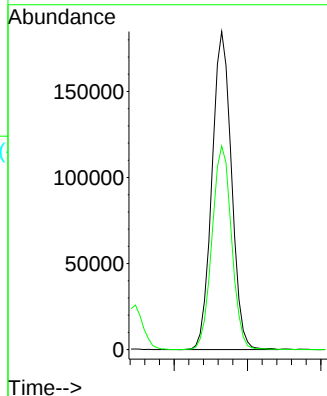
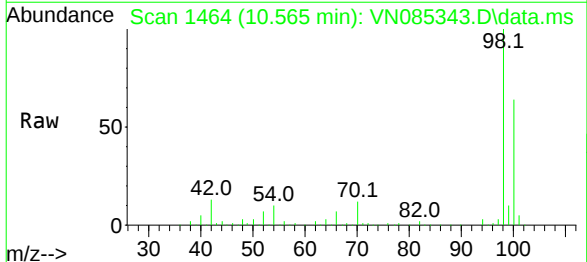
Manual Integrations
APPROVED

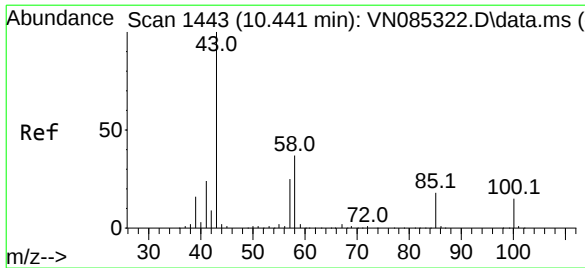
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#50
Toluene-d8
Concen: 51.010 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Tgt Ion: 98 Resp: 341164
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3





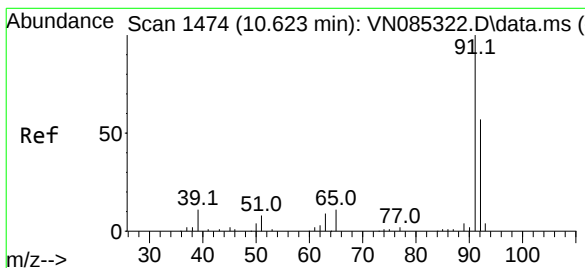
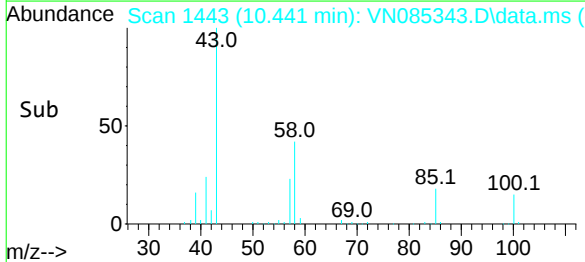
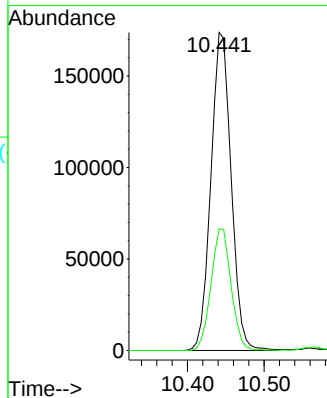
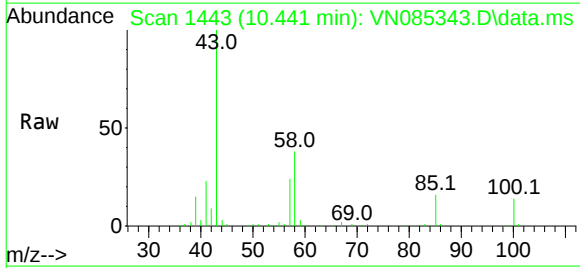
#51
4-Methyl-2-Pentanone
Concen: 129.744 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Tgt Ion: 43 Resp: 318442
Ion Ratio Lower Upper
43 100
58 38.0 30.3 45.5

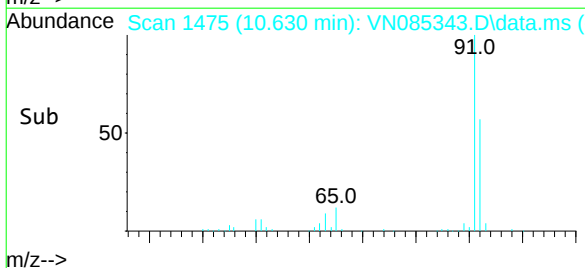
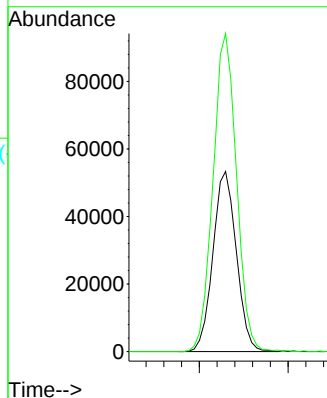
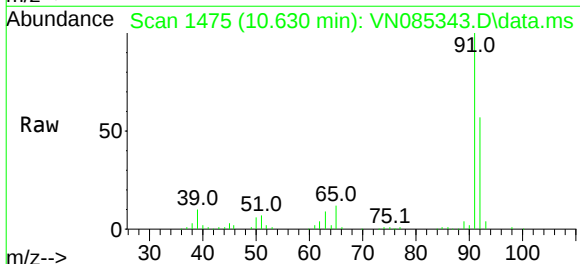
Manual Integrations
APPROVED

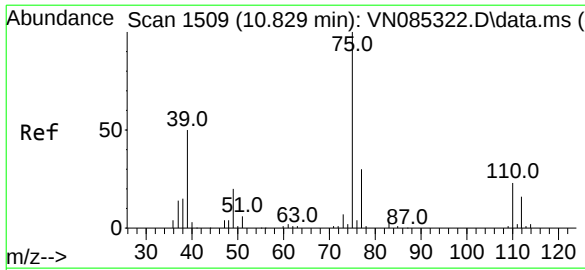
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#52
Toluene
Concen: 20.329 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

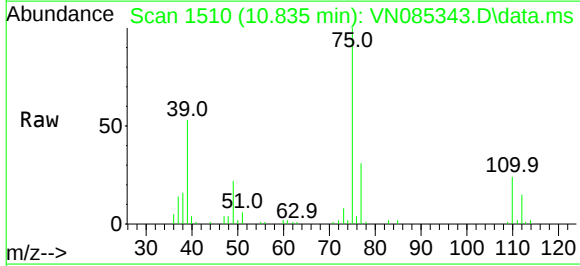
Tgt Ion: 92 Resp: 97662
Ion Ratio Lower Upper
92 100
91 177.1 140.2 210.4





#53
t-1,3-Dichloropropene
Concen: 20.456 ug/l
RT: 10.835 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

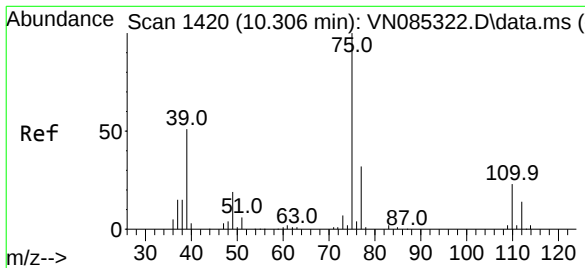
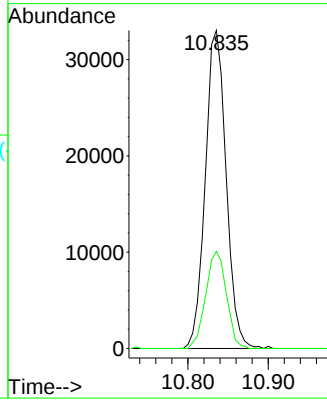
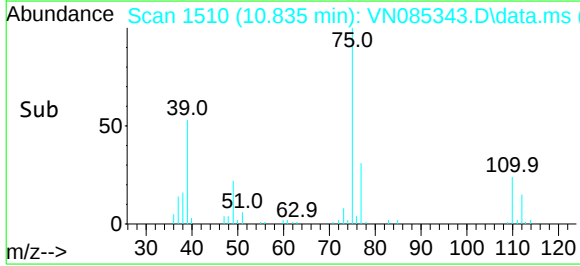
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01



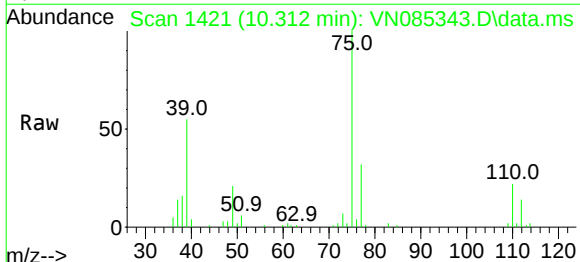
Tgt Ion: 75 Resp: 59559
Ion Ratio Lower Upper
75 100
77 30.5 23.8 35.6

Manual Integrations
APPROVED

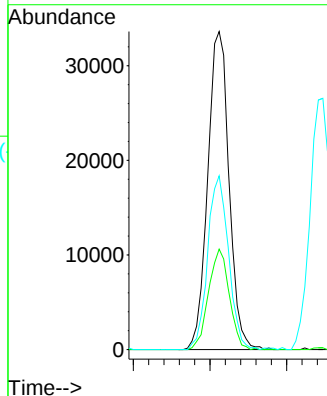
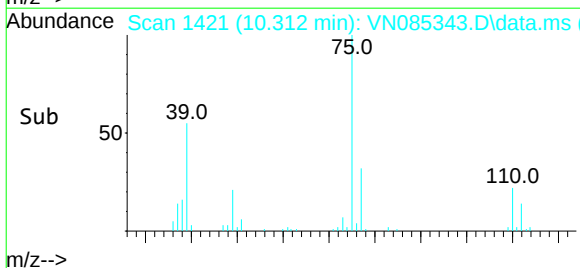
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024

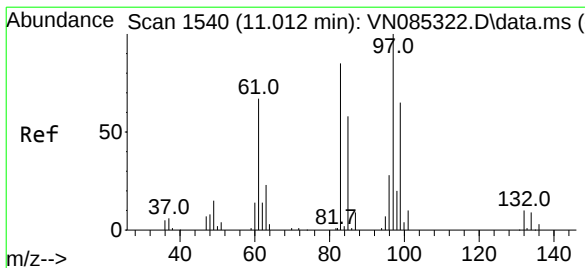


#54
cis-1,3-Dichloropropene
Concen: 20.597 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25



Tgt Ion: 75 Resp: 64846
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3
39 54.6 40.5 60.7





#55

1,1,2-Trichloroethane

Concen: 21.662 ug/l

RT: 11.018 min Scan# 15

Delta R.T. 0.006 min

Lab File: VN085343.D

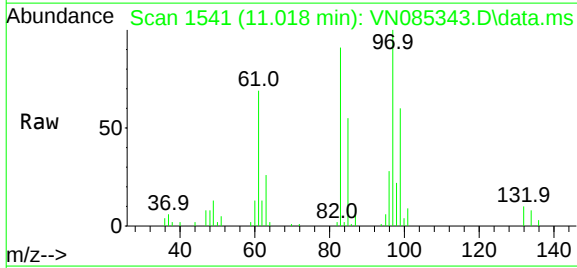
Acq: 30 Dec 2024 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN1230WBSD01



Tgt Ion: 97 Resp: 39290

Ion Ratio Lower Upper

97 100

83 90.7 67.7 101.5

85 54.8 46.2 69.4

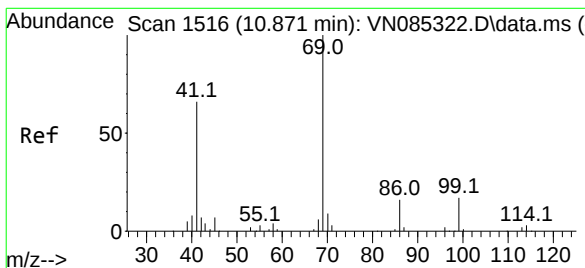
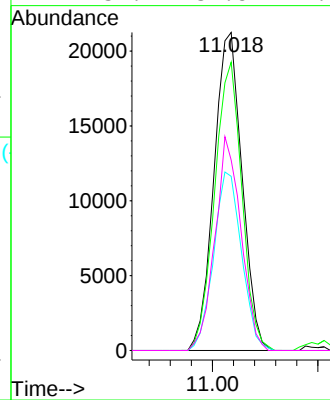
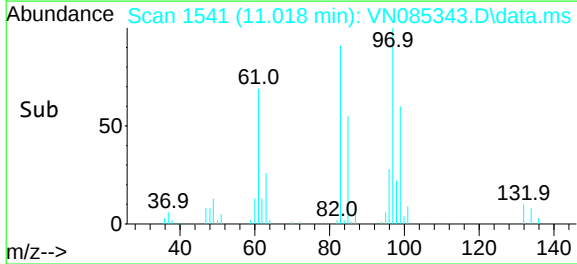
99 59.9 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#56

Ethyl methacrylate

Concen: 22.926 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN085343.D

Acq: 30 Dec 2024 14:25

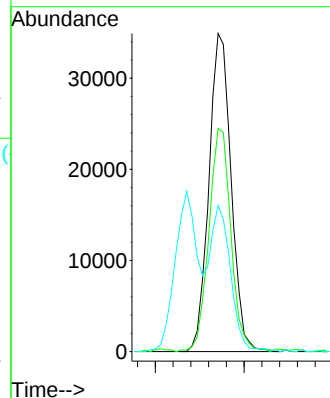
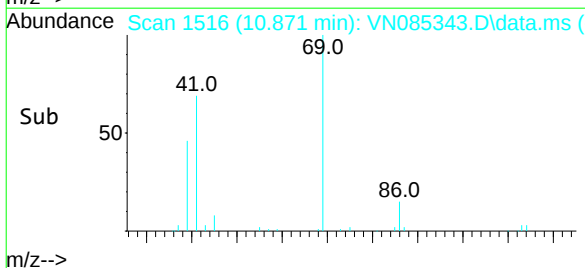
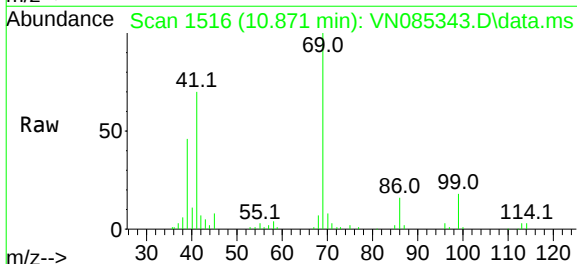
Tgt Ion: 69 Resp: 60563

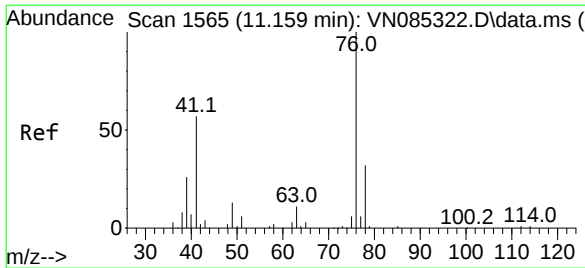
Ion Ratio Lower Upper

69 100

41 69.7 54.3 81.5

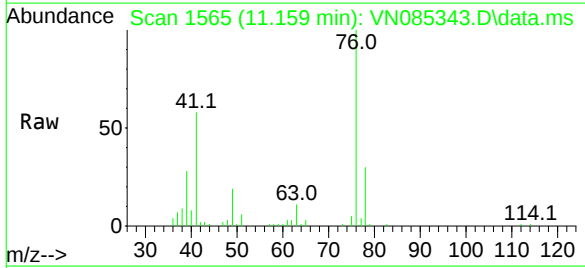
39 43.8 32.0 48.0





#57
1,3-Dichloropropane
Concen: 21.817 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

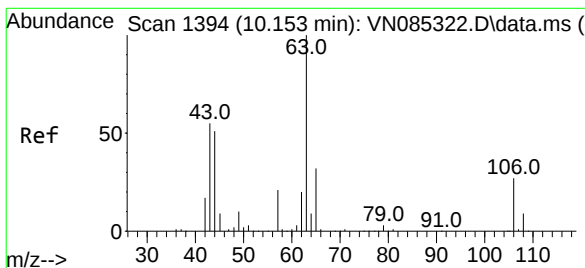
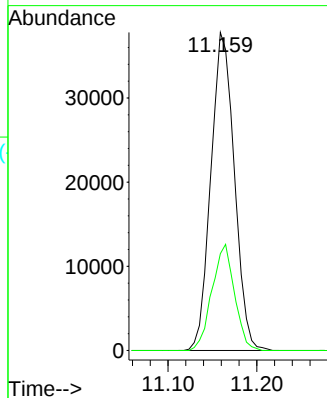
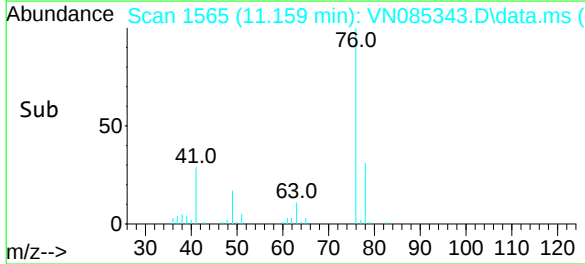
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01



Tgt Ion: 76 Resp: 69454
Ion Ratio Lower Upper
76 100
78 32.1 25.5 38.3

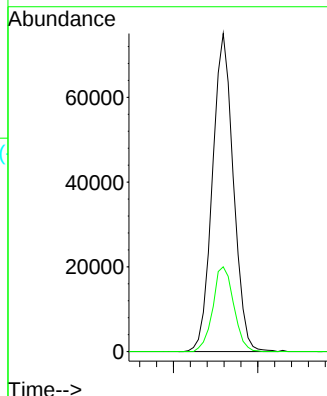
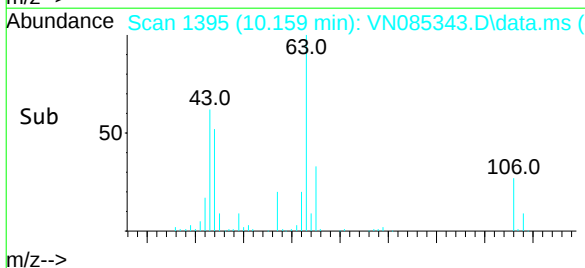
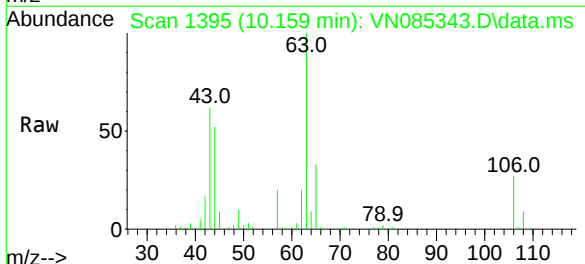
Manual Integrations
APPROVED

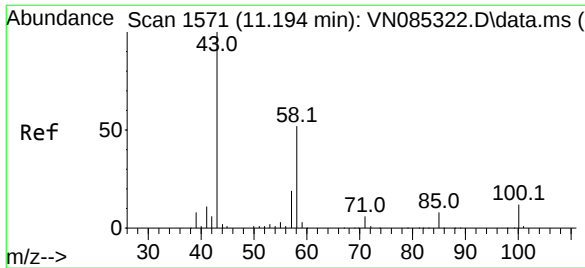
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#58
2-Chloroethyl Vinyl ether
Concen: 101.360 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Tgt Ion: 63 Resp: 129546
Ion Ratio Lower Upper
63 100
106 26.6 22.1 33.1





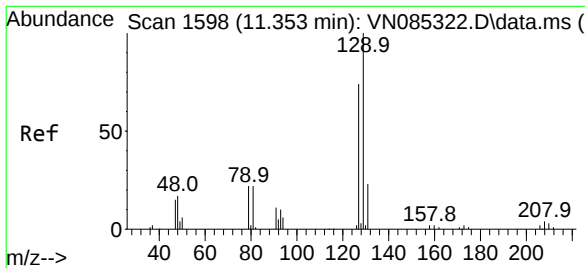
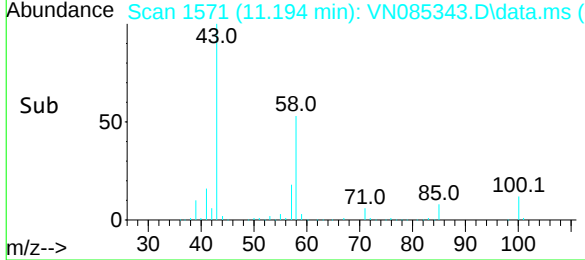
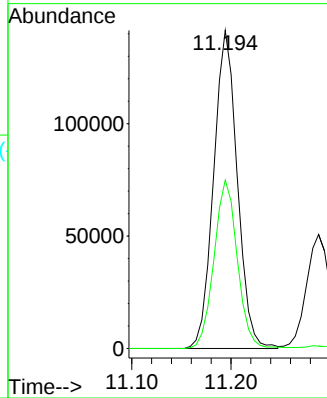
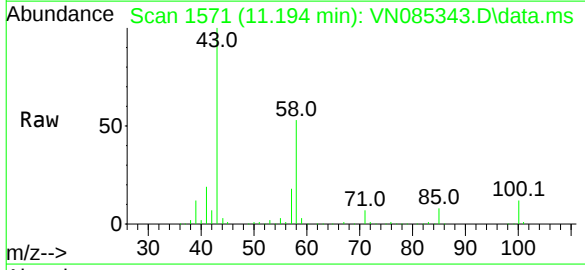
#59
2-Hexanone
Concen: 137.380 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Tgt Ion: 43 Resp: 233940
Ion Ratio Lower Upper
43 100
58 52.2 26.5 79.5

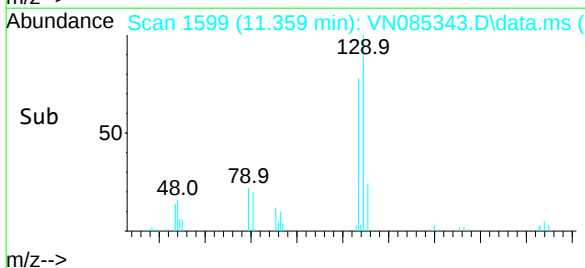
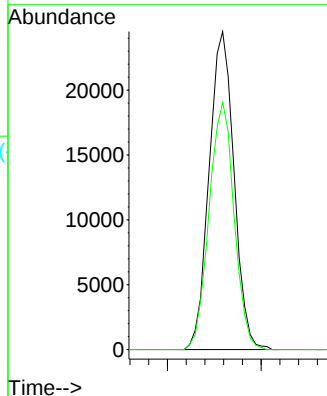
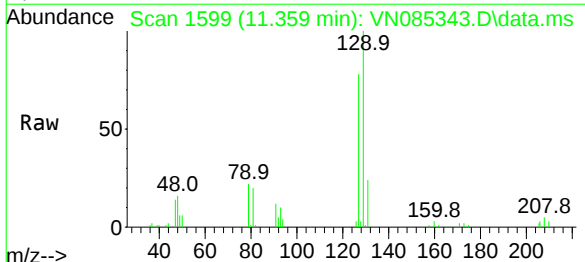
Manual Integrations
APPROVED

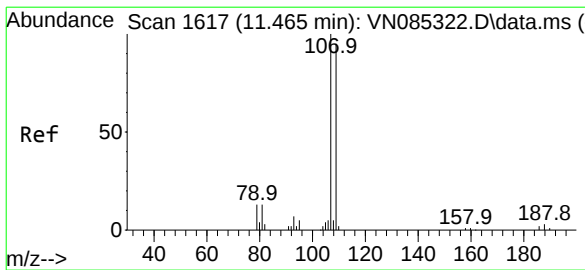
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#60
Dibromochloromethane
Concen: 22.141 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Tgt Ion:129 Resp: 45233
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.9





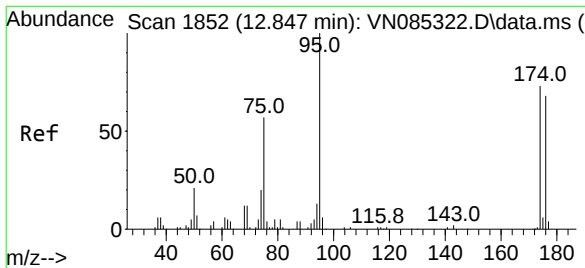
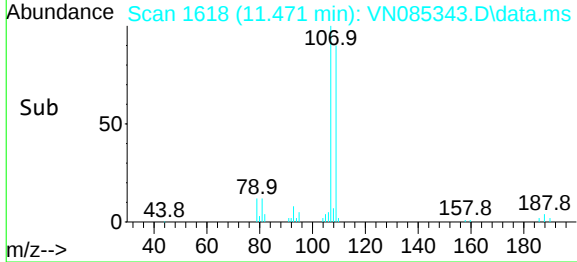
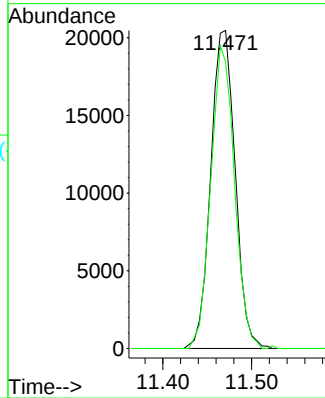
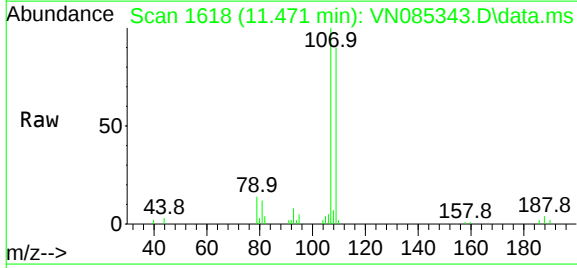
#61
1,2-Dibromoethane
Concen: 21.785 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Tgt Ion: 107 Resp: 39093
Ion Ratio Lower Upper
107 100
109 92.2 74.9 112.3

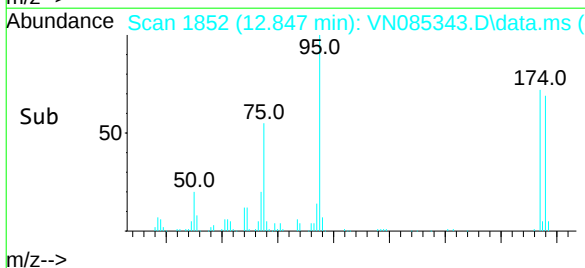
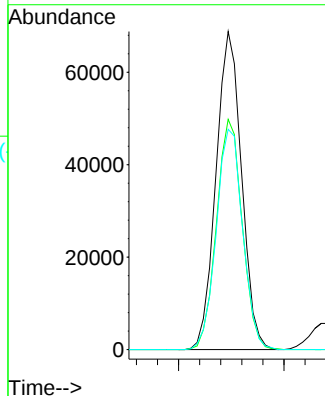
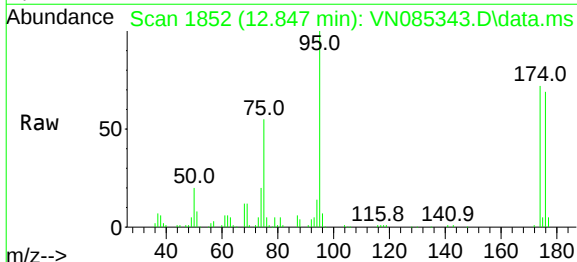
Manual Integrations
APPROVED

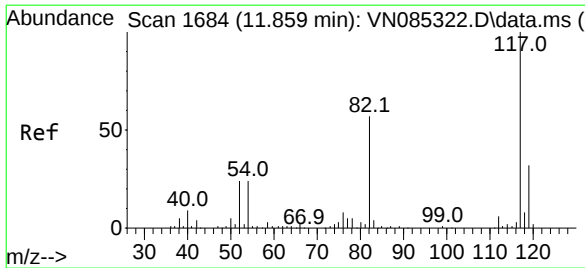
Reviewed By : John Carlone 12/31/2024
Supervised By : Mahesh Dadoda 12/31/2024



#62
4-Bromofluorobenzene
Concen: 52.127 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Tgt Ion: 95 Resp: 115786
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.2
176 71.6 0.0 135.8





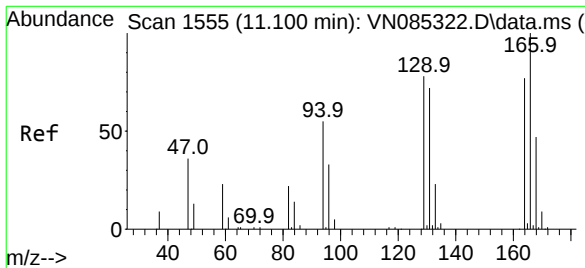
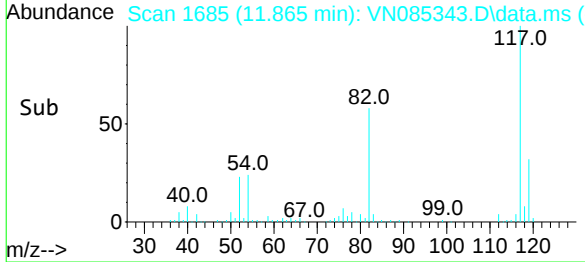
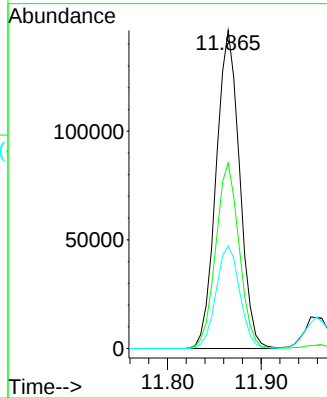
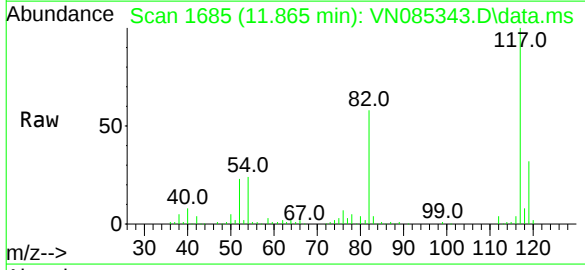
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Tgt Ion:117 Resp: 254855
Ion Ratio Lower Upper
117 100
82 58.3 45.7 68.5
119 32.3 25.8 38.8

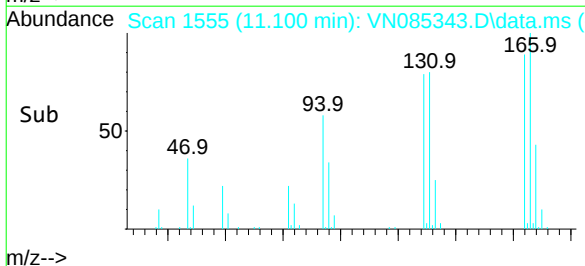
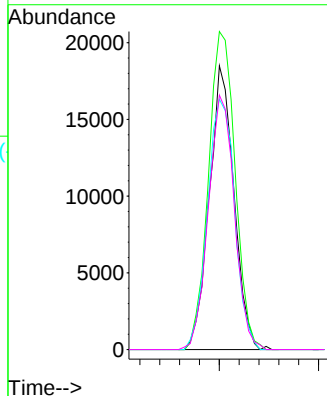
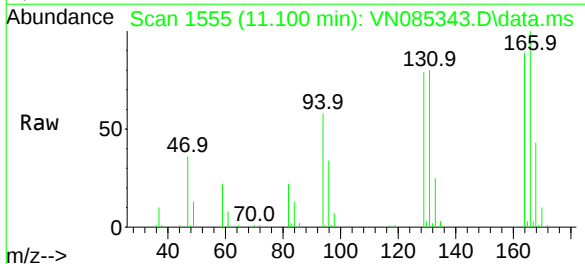
Manual Integrations
APPROVED

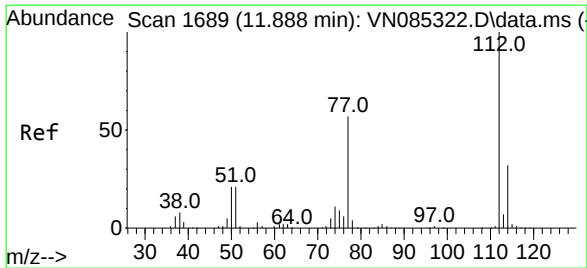
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#64
Tetrachloroethene
Concen: 19.779 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Tgt Ion:164 Resp: 31941
Ion Ratio Lower Upper
164 100
166 112.1 104.0 156.0
129 88.2 81.3 121.9
131 89.7 75.0 112.6





#65

Chlorobenzene

Concen: 19.253 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN085343.D

Acq: 30 Dec 2024 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN1230WBSD01

Tgt Ion:112 Resp: 106036

Ion Ratio Lower Upper

112 100

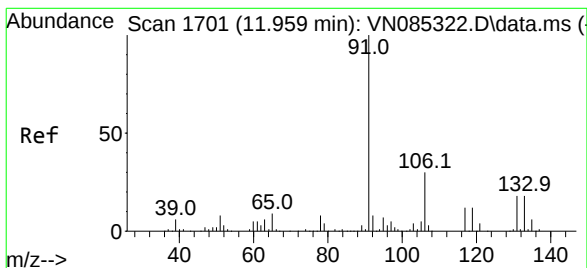
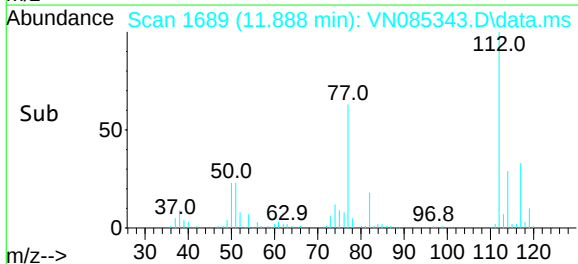
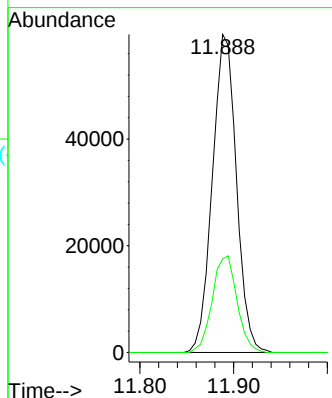
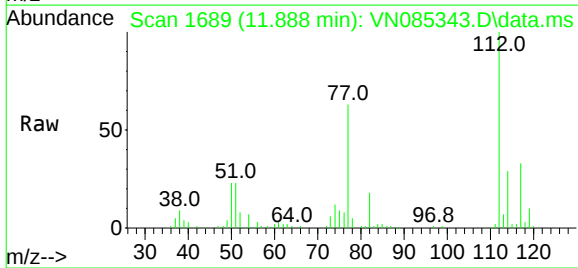
114 29.4 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 20.664 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN085343.D

Acq: 30 Dec 2024 14:25

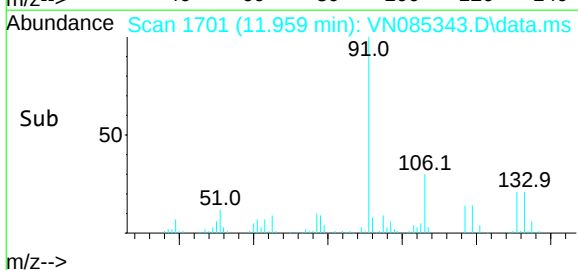
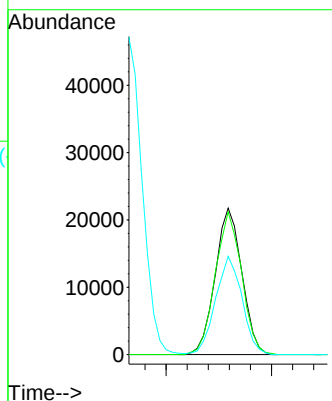
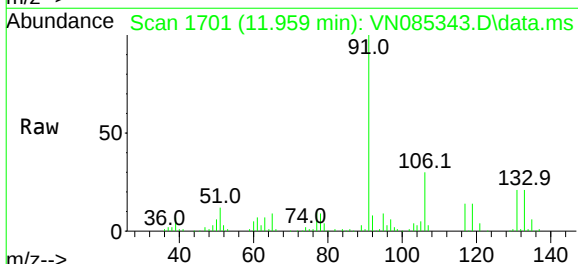
Tgt Ion:131 Resp: 38196

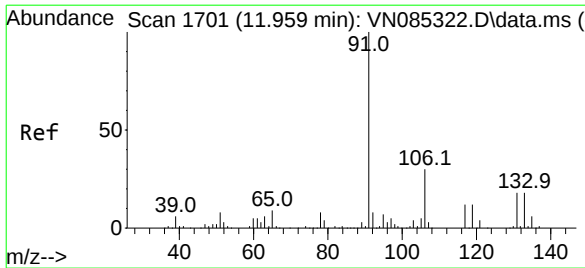
Ion Ratio Lower Upper

131 100

133 96.5 48.3 144.9

119 66.6 33.4 100.1





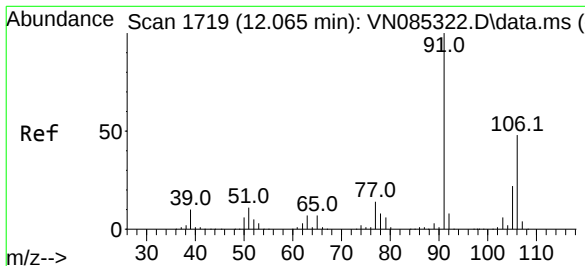
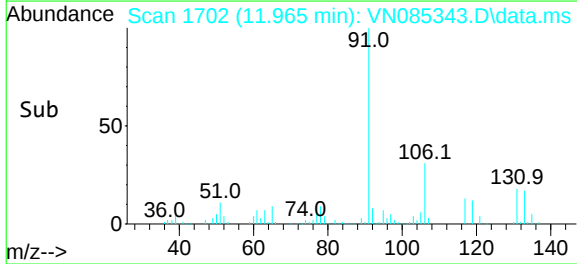
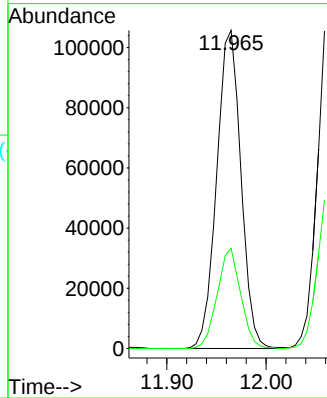
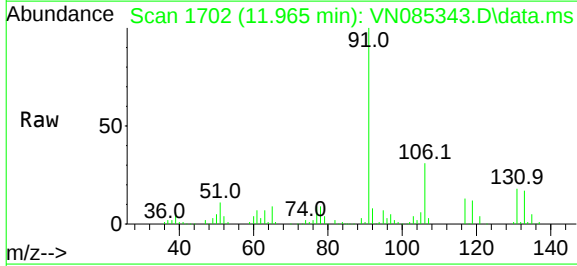
#67
Ethyl Benzene
Concen: 19.584 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Tgt Ion: 91 Resp: 179367
Ion Ratio Lower Upper
91 100
106 31.5 24.0 36.0

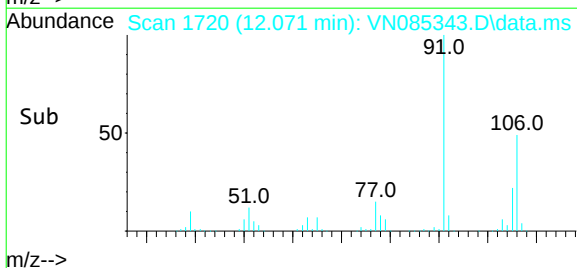
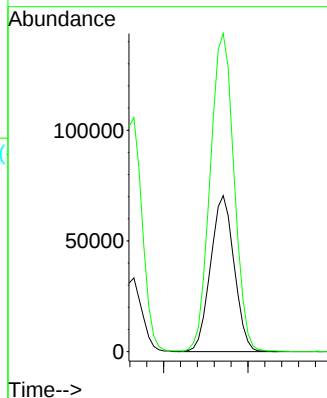
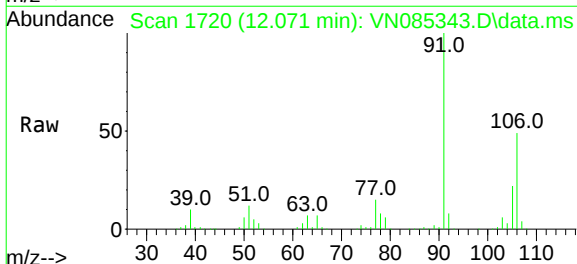
Manual Integrations
APPROVED

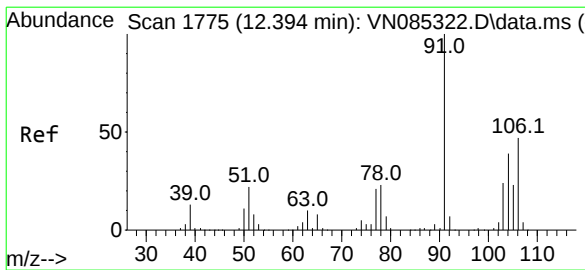
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#68
m/p-Xylenes
Concen: 40.903 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Tgt Ion:106 Resp: 137099
Ion Ratio Lower Upper
106 100
91 206.6 165.2 247.8





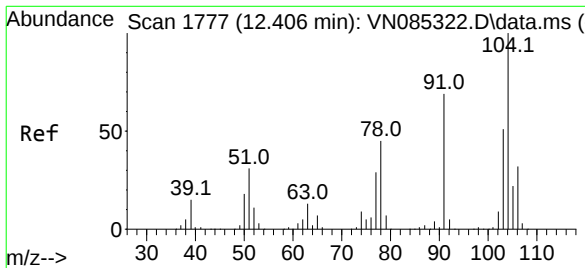
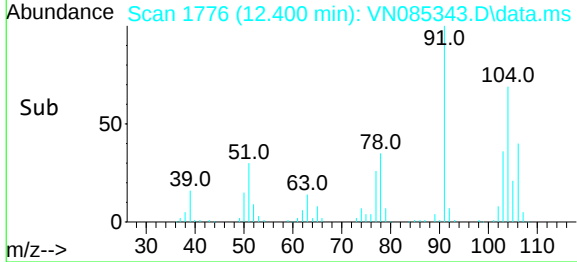
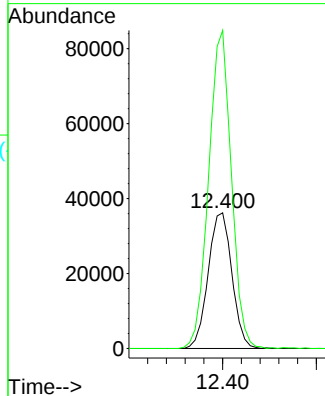
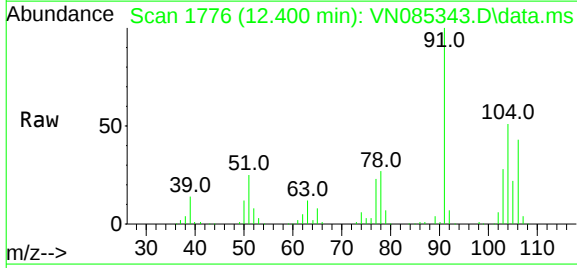
#69
o-Xylene
Concen: 19.611 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Tgt Ion:106 Resp: 63589
Ion Ratio Lower Upper
106 100
91 224.0 107.3 321.8

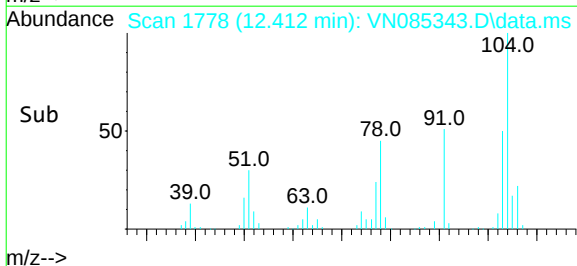
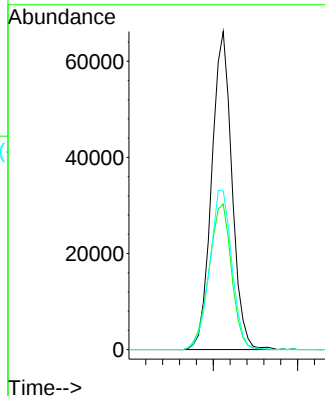
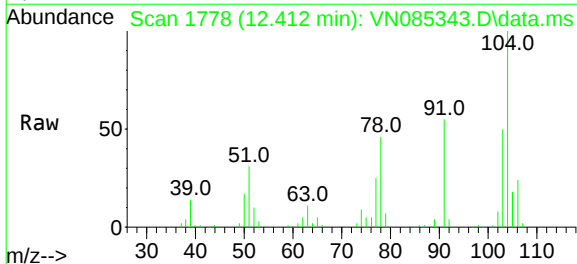
Manual Integrations
APPROVED

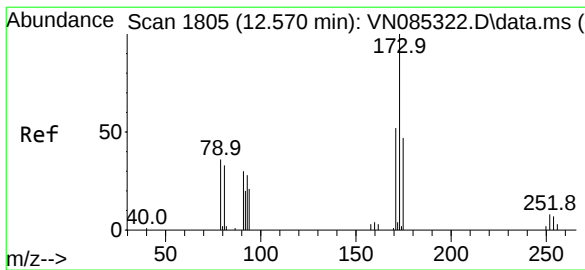
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#70
Styrene
Concen: 21.054 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Tgt Ion:104 Resp: 110639
Ion Ratio Lower Upper
104 100
78 51.0 40.7 61.1
103 54.8 44.1 66.1





#71

Bromoform

Concen: 22.772 ug/l

RT: 12.576 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VN085343.D

Acq: 30 Dec 2024 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN1230WBSD01

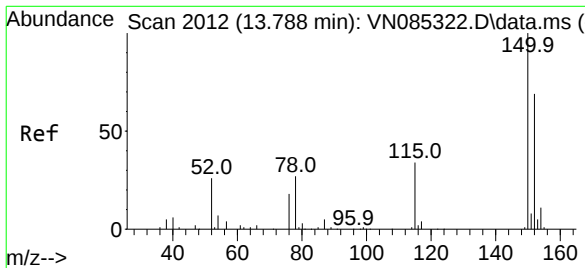
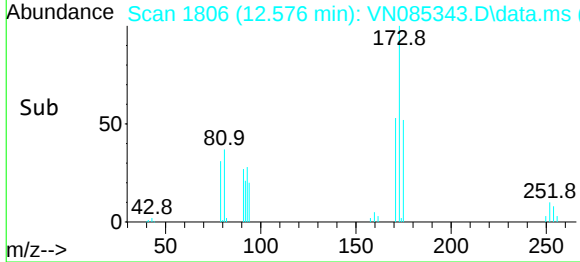
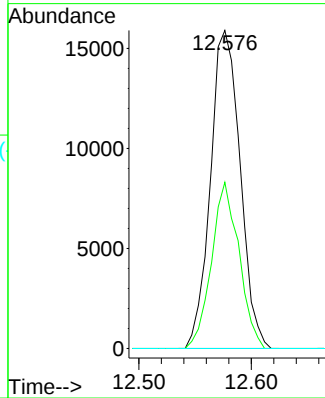
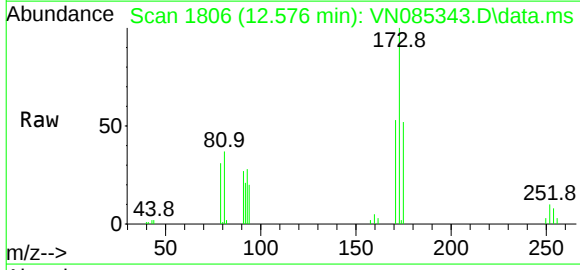
Tgt Ion:	173	Resp:	29153
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.4	73.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

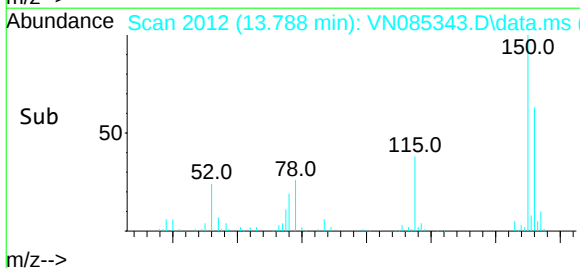
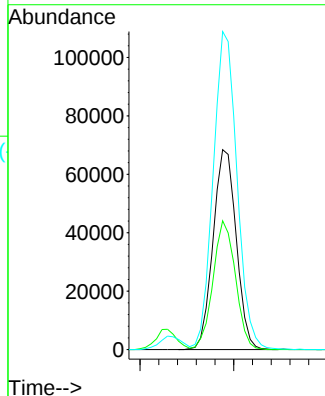
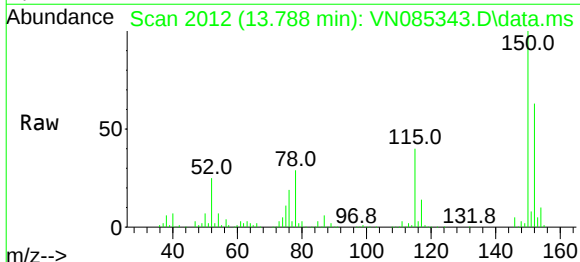
RT: 13.788 min Scan# 2012

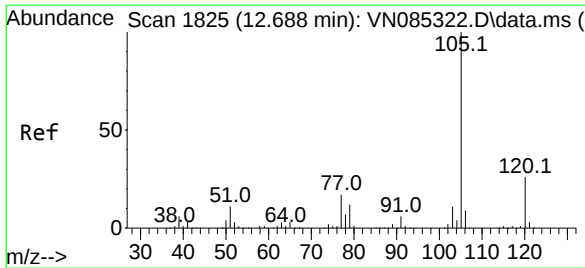
Delta R.T. 0.000 min

Lab File: VN085343.D

Acq: 30 Dec 2024 14:25

Tgt Ion:	152	Resp:	117451
Ion Ratio	Lower	Upper	
152	100		
115	62.6	30.4	91.3
150	164.4	0.0	345.0





#73

Isopropylbenzene

Concen: 19.542 ug/l

RT: 12.694 min Scan# 1825

Delta R.T. 0.006 min

Lab File: VN085343.D

Acq: 30 Dec 2024 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN1230WBSD01

Tgt Ion:105 Resp: 165050

Ion Ratio Lower Upper

105 100

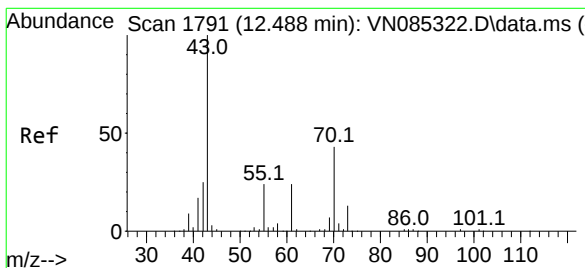
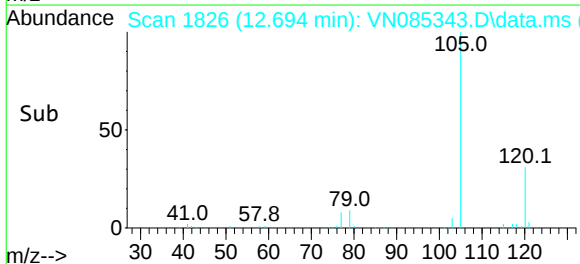
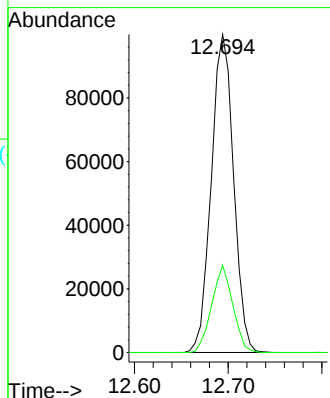
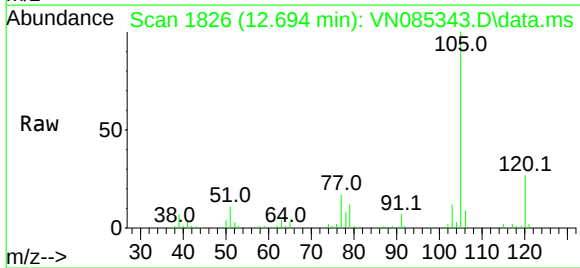
120 25.9 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#74

N-ethyl acetate

Concen: 23.220 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085343.D

Acq: 30 Dec 2024 14:25

Tgt Ion: 43 Resp: 83946

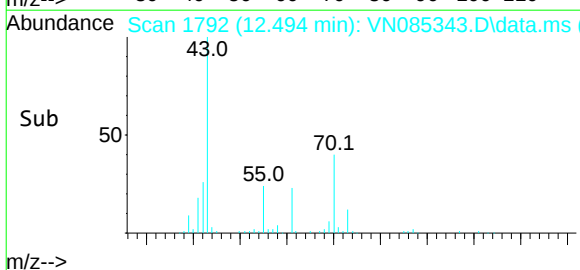
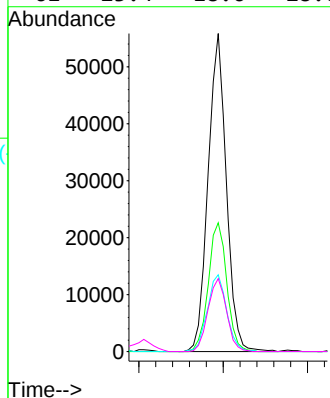
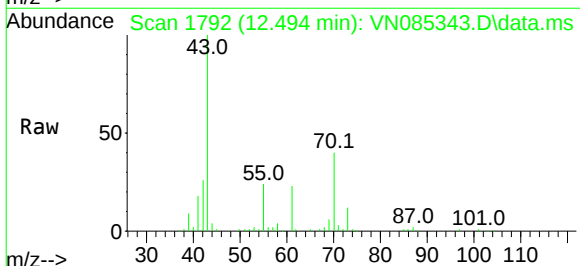
Ion Ratio Lower Upper

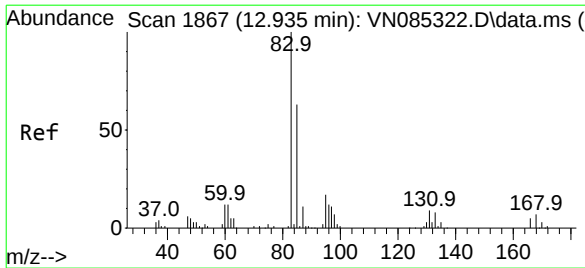
43 100

70 41.0 33.4 50.0

55 25.7 19.2 28.8

61 23.4 18.6 28.0





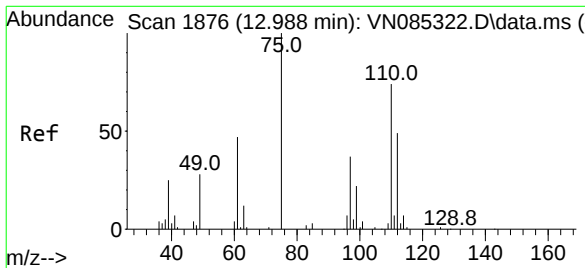
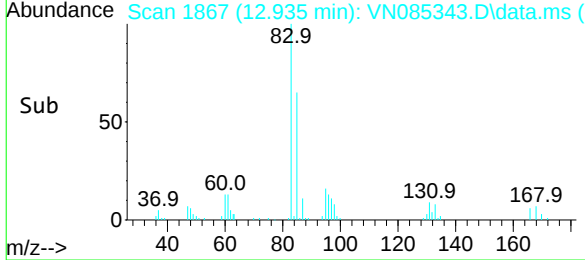
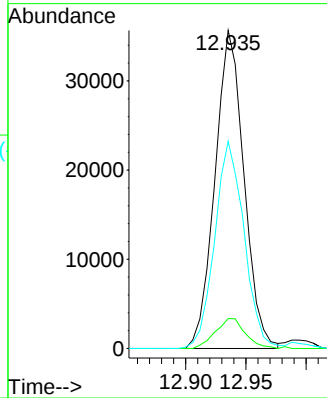
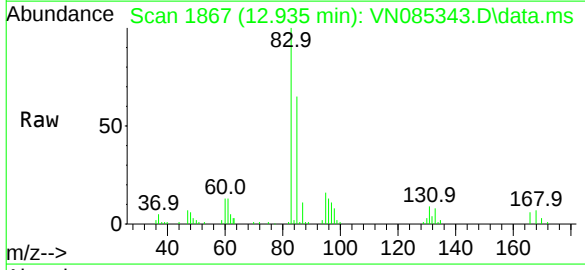
#75
1,1,2,2-Tetrachloroethane
Concen: 22.193 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Tgt Ion:	83	Resp:	59699
Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.8	14.4
85	66.0	32.6	98.0

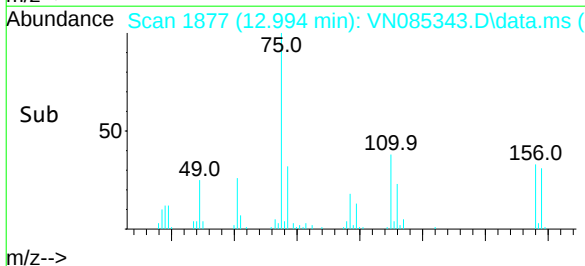
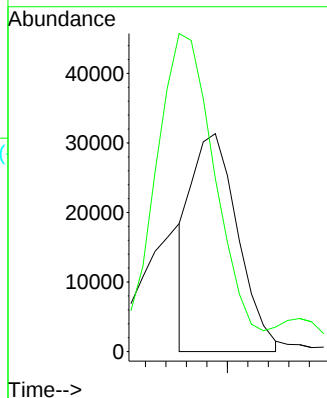
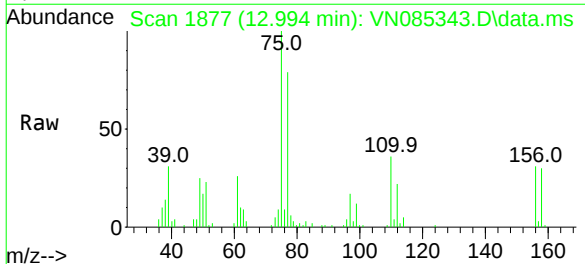
Manual Integrations
APPROVED

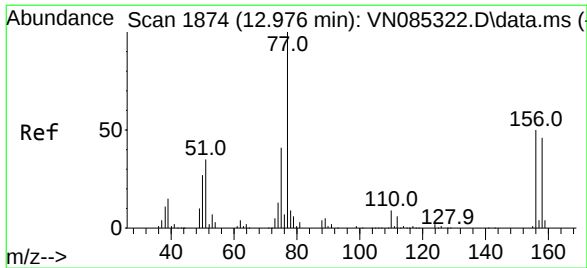
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#76
1,2,3-Trichloropropane
Concen: 22.600 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

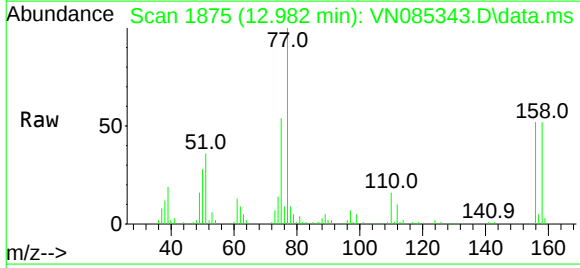
Tgt Ion:	75	Resp:	49567
Ion	Ratio	Lower	Upper
75	100		
77	190.3	98.1	294.3





#77
Bromobenzene
Concen: 19.535 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

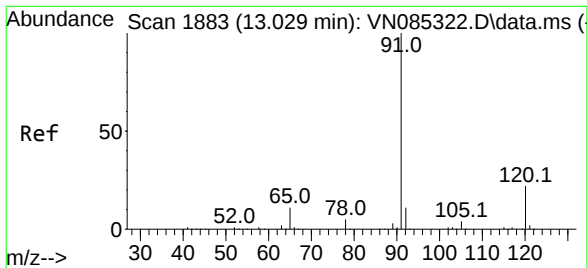
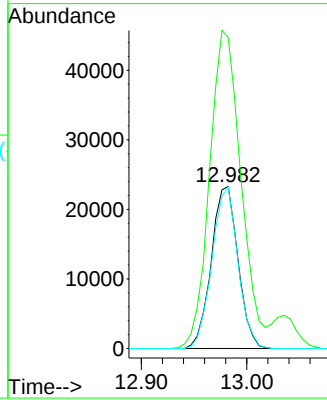
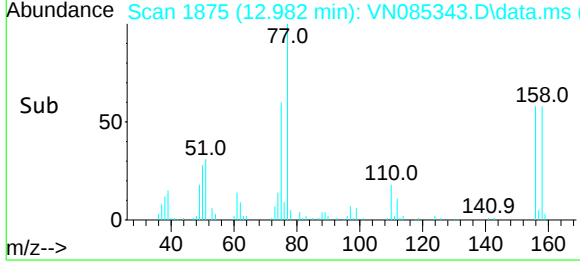
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01



Tgt Ion: 156 Resp: 40878
Ion Ratio Lower Upper
156 100
77 230.8 114.0 342.0
158 96.9 47.6 142.8

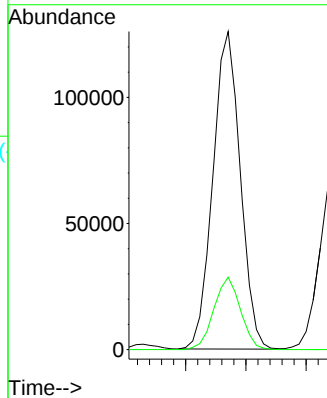
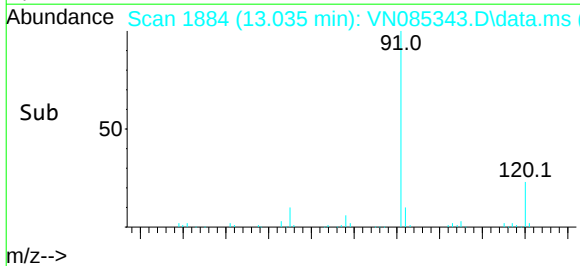
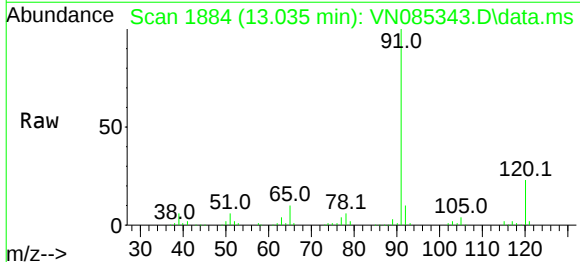
Manual Integrations
APPROVED

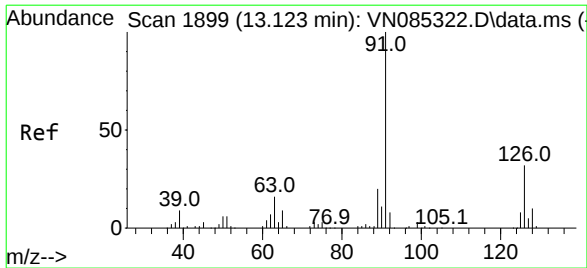
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#78
n-propylbenzene
Concen: 20.183 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Tgt Ion: 91 Resp: 198704
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.9





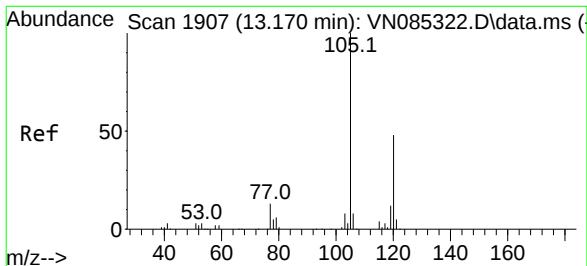
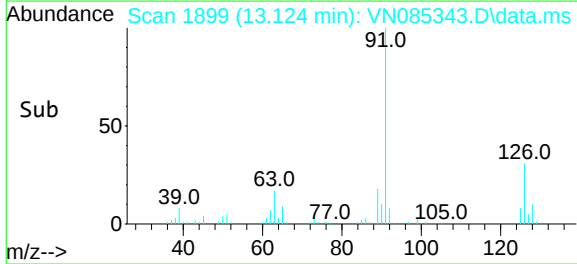
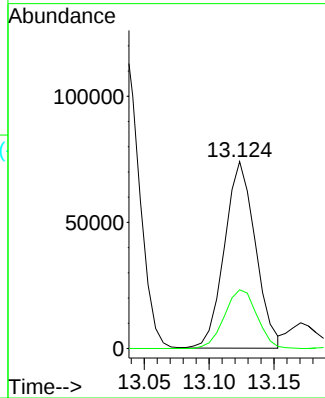
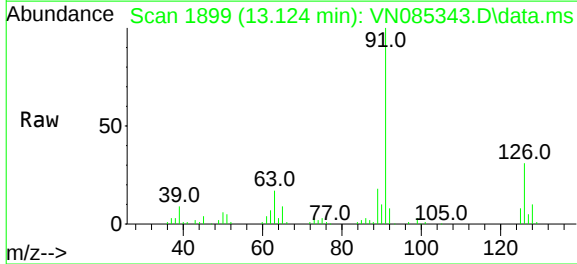
#79
2-Chlorotoluene
Concen: 19.827 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Tgt Ion: 91 Resp: 122848
Ion Ratio Lower Upper
91 100
126 33.0 16.0 48.0

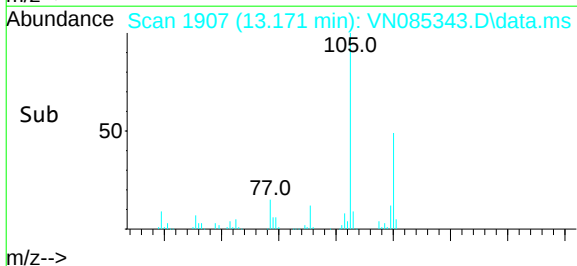
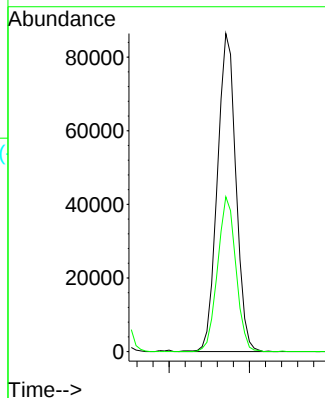
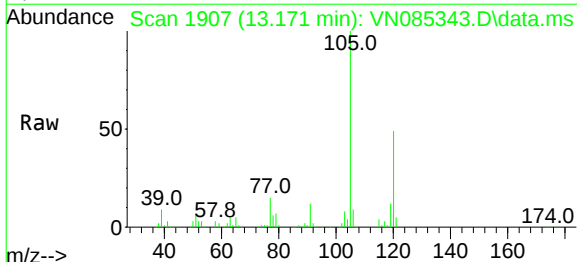
Manual Integrations
APPROVED

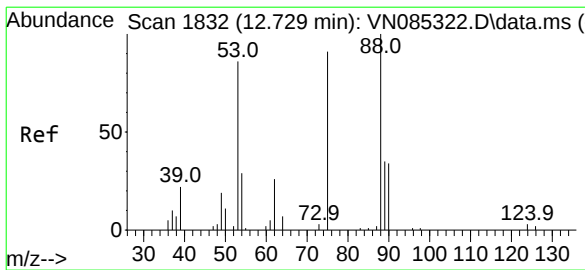
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.302 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

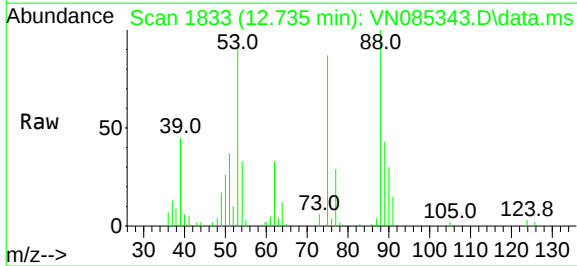
Tgt Ion:105 Resp: 138695
Ion Ratio Lower Upper
105 100
120 48.0 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 21.365 ug/l
RT: 12.735 min Scan# 1832
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

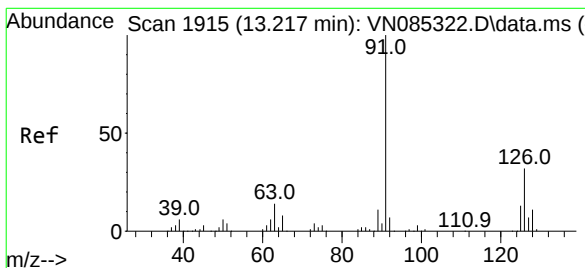
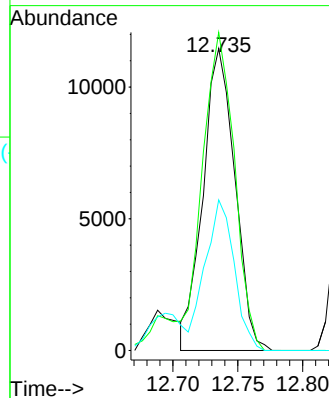
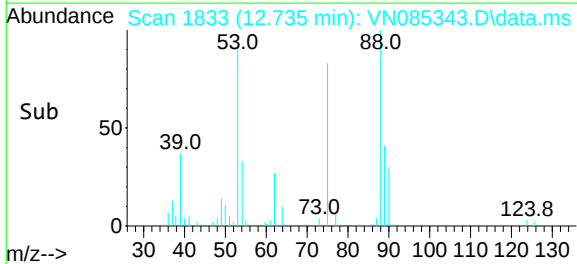
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01



Tgt Ion: 75 Resp: 19567
Ion Ratio Lower Upper
75 100
53 107.6 80.0 120.0
89 45.5 35.8 53.8

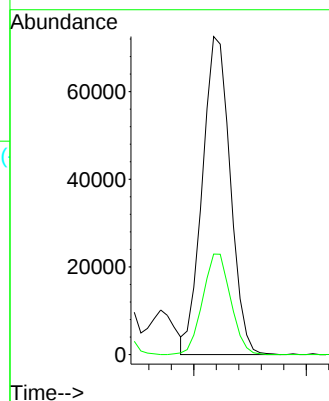
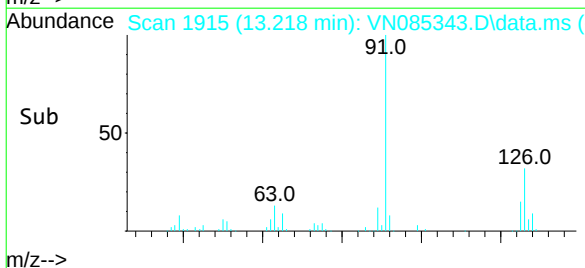
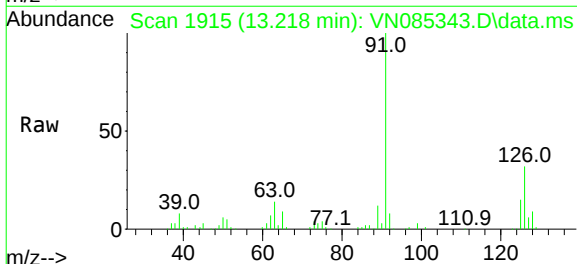
Manual Integrations
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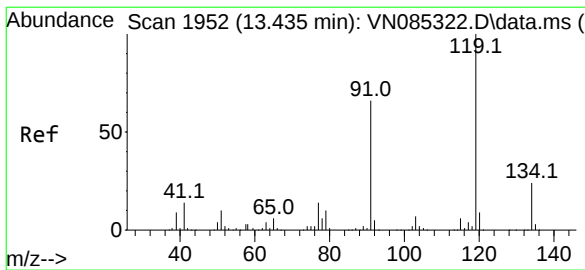
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#82
4-Chlorotoluene
Concen: 20.059 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Tgt Ion: 91 Resp: 125174
Ion Ratio Lower Upper
91 100
126 31.7 16.4 49.4





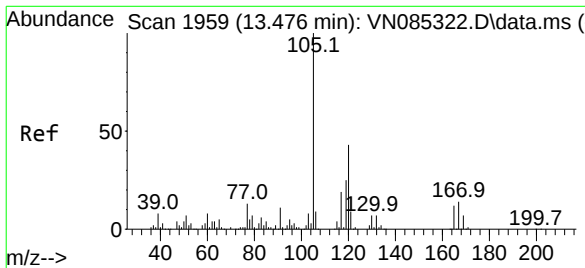
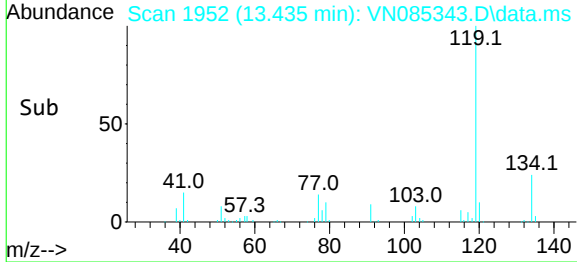
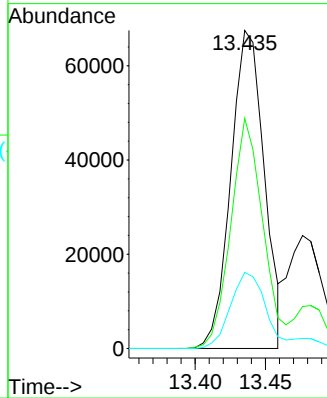
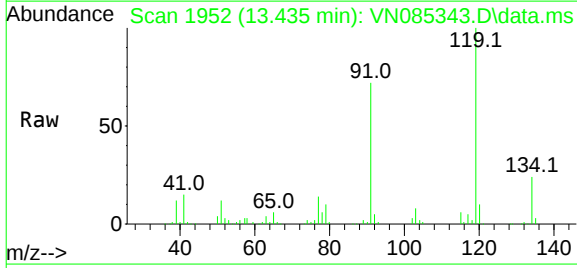
#83
tert-Butylbenzene
Concen: 18.842 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Tgt Ion:119 Resp: 111505
Ion Ratio Lower Upper
119 100
91 69.8 33.6 100.8
134 25.5 13.3 39.8

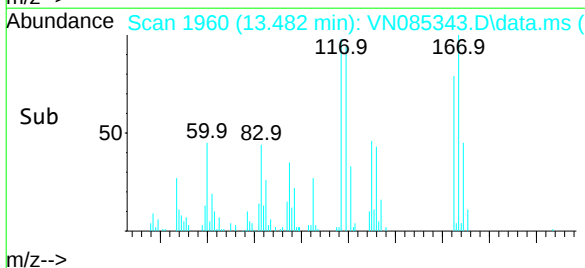
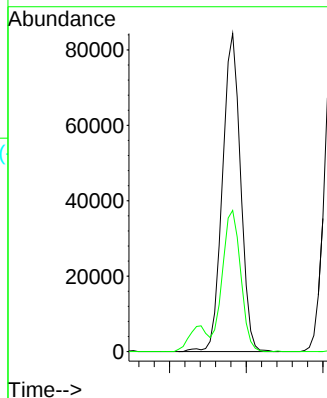
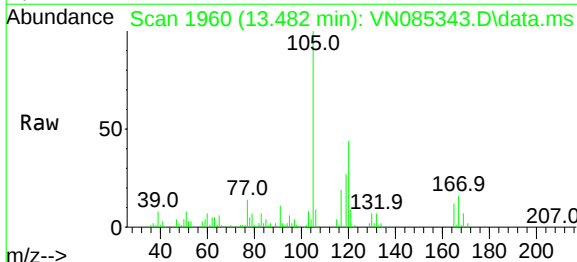
Manual Integrations
APPROVED

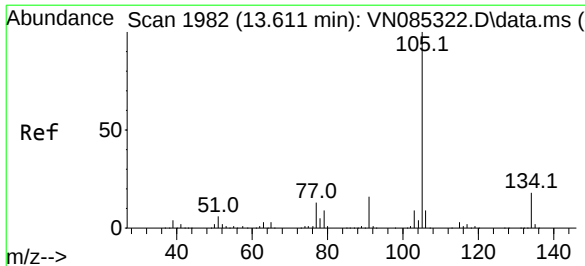
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#84
1,2,4-Trimethylbenzene
Concen: 20.294 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Tgt Ion:105 Resp: 138052
Ion Ratio Lower Upper
105 100
120 44.9 21.7 65.1





#85

sec-Butylbenzene

Concen: 19.465 ug/l

RT: 13.618 min Scan# 19

Delta R.T. 0.006 min

Lab File: VN085343.D

Acq: 30 Dec 2024 14:25

Instrument :

MSVOA_N

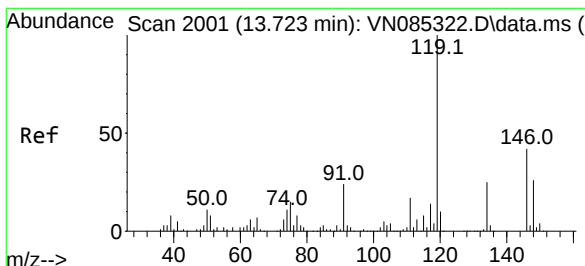
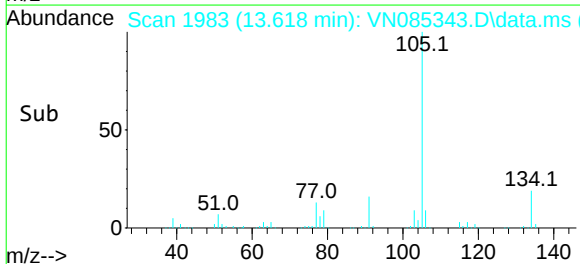
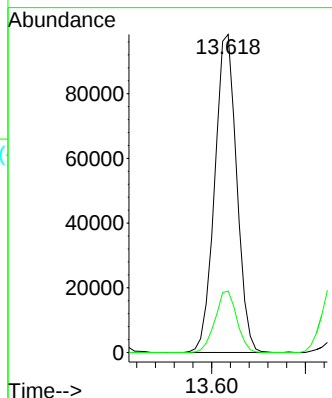
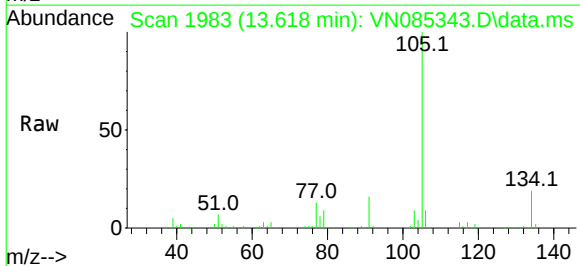
ClientSampleId :

VN1230WBSD01

Tgt Ion:105 Resp: 159891
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.4 28.3

Manual Integrations
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Reviewed By :John Carlone 12/31/2024
 Supervised By :Mahesh Dadoda 12/31/2024



#86

p-Isopropyltoluene

Concen: 18.690 ug/l

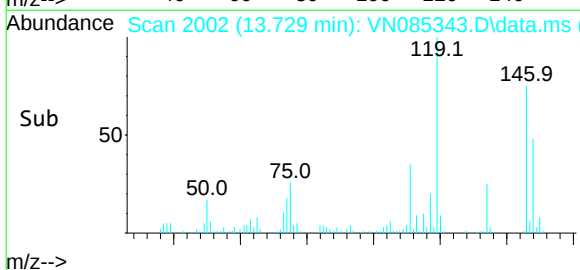
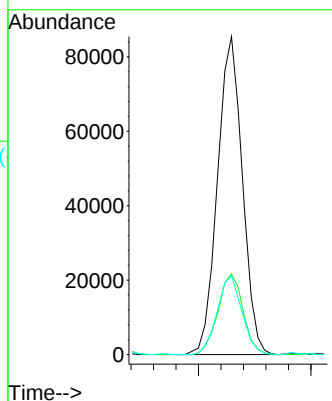
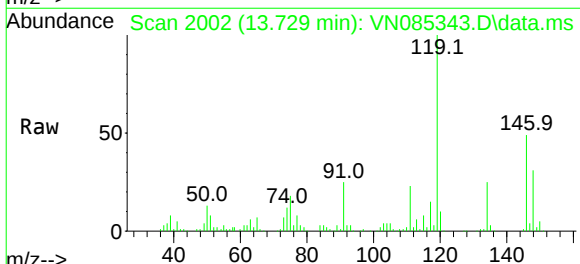
RT: 13.729 min Scan# 2002

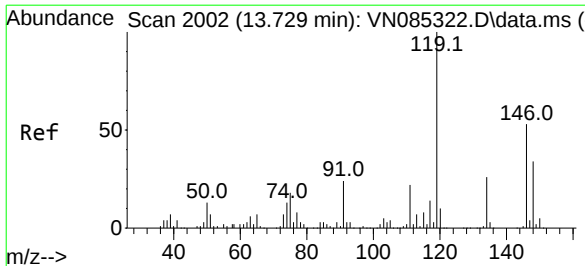
Delta R.T. 0.006 min

Lab File: VN085343.D

Acq: 30 Dec 2024 14:25

Tgt Ion:119 Resp: 131413
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.5 37.5
 91 24.7 12.2 36.4





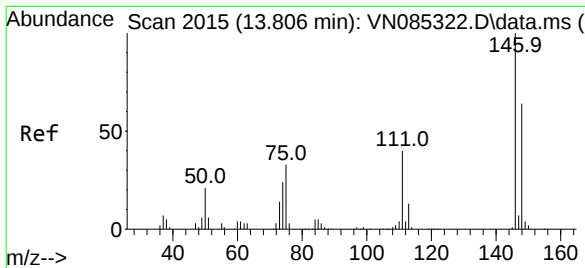
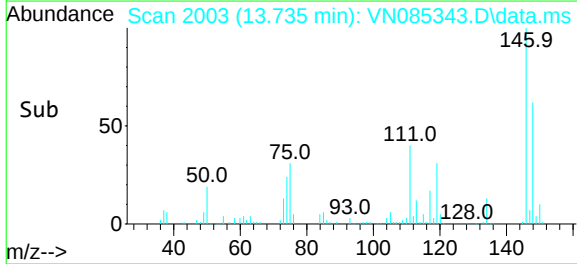
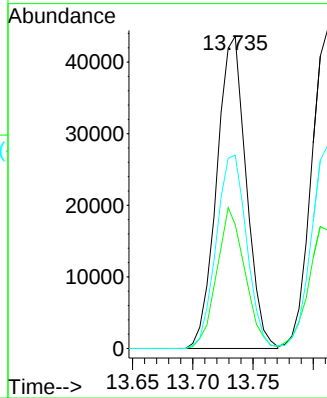
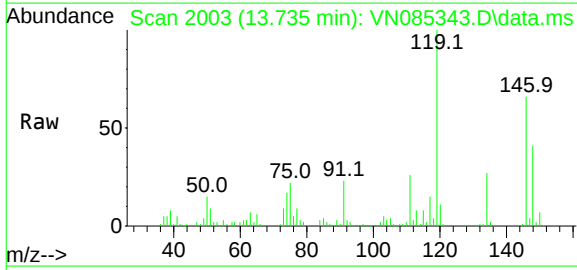
#87
1,3-Dichlorobenzene
Concen: 19.569 ug/l
RT: 13.735 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Tgt Ion:	146	Resp:	74234
Ion Ratio	Lower	Upper	
146	100		
111	43.2	21.3	63.9
148	63.9	31.5	94.5

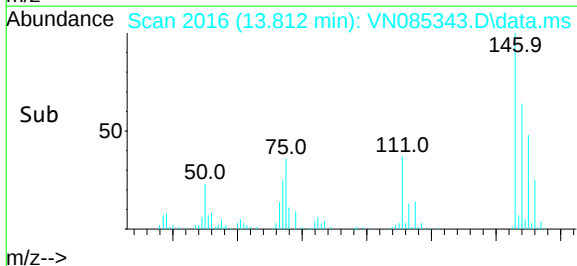
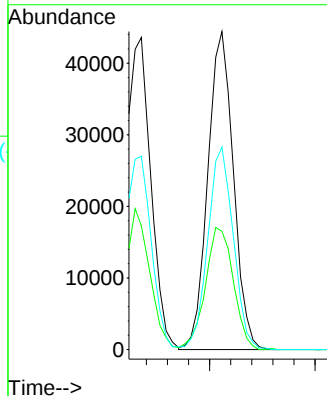
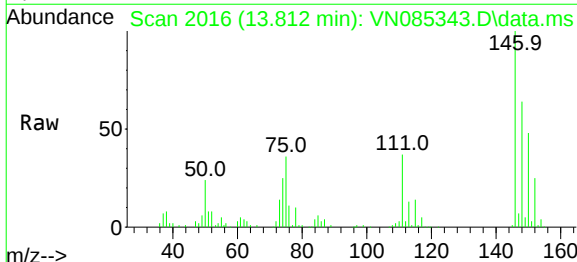
Manual Integrations
APPROVED

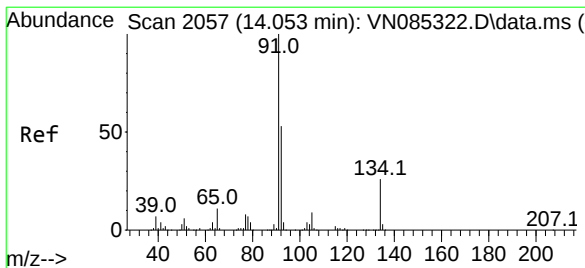
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#88
1,4-Dichlorobenzene
Concen: 19.219 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Tgt Ion:	146	Resp:	74888
Ion Ratio	Lower	Upper	
146	100		
111	41.8	20.8	62.5
148	63.6	31.7	95.1





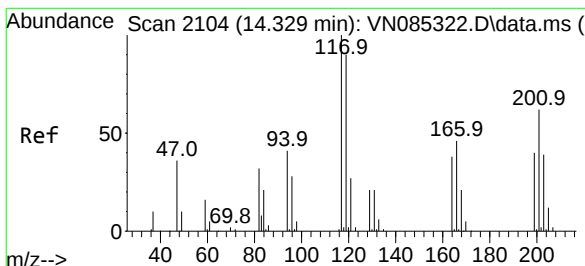
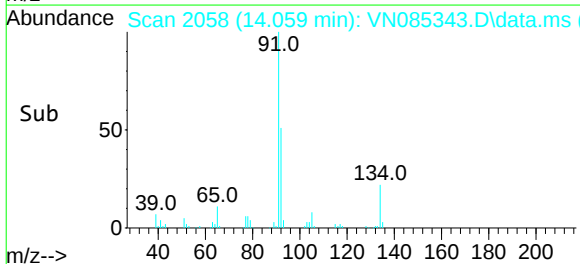
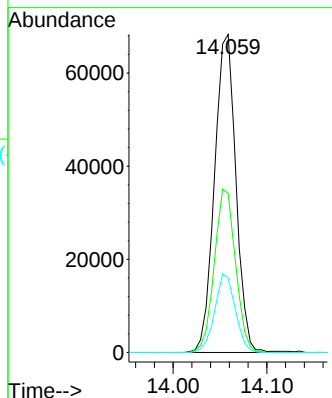
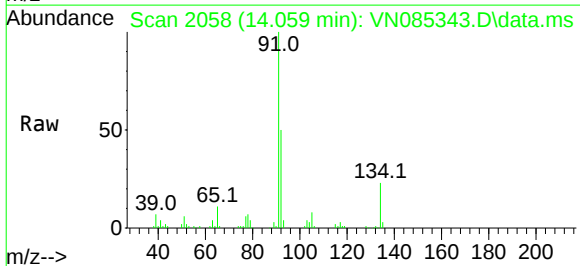
#89
n-Butylbenzene
Concen: 17.997 ug/l
RT: 14.059 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Tgt Ion: 91 Resp: 108253
Ion Ratio Lower Upper
91 100
92 51.0 26.0 78.0
134 23.7 12.1 36.3

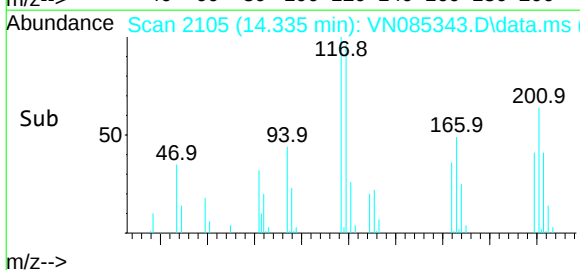
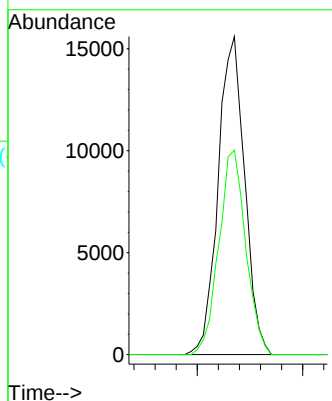
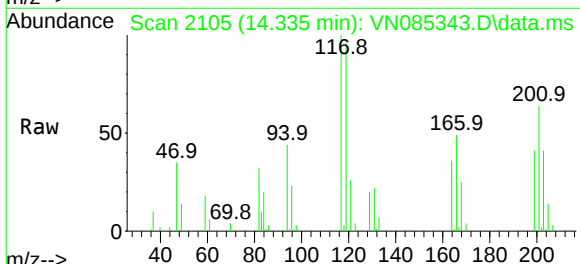
Manual Integrations
APPROVED

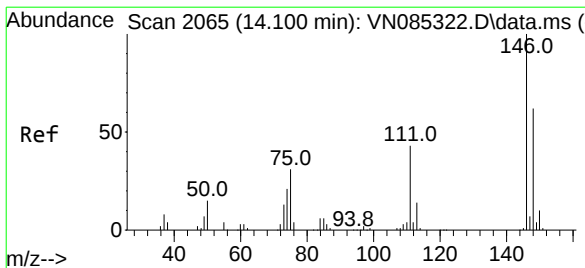
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#90
Hexachloroethane
Concen: 20.221 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085343.D
Acq: 30 Dec 2024 14:25

Tgt Ion:117 Resp: 27227
Ion Ratio Lower Upper
117 100
201 65.3 30.7 92.1





#91

1,2-Dichlorobenzene

Concen: 20.014 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VN085343.D

Acq: 30 Dec 2024 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN1230WBSD01

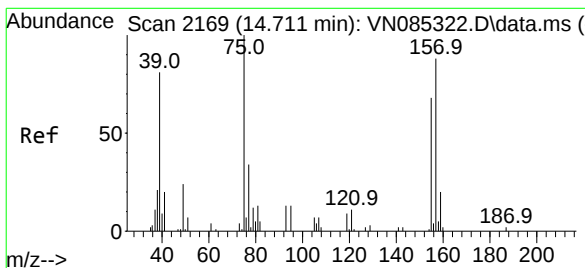
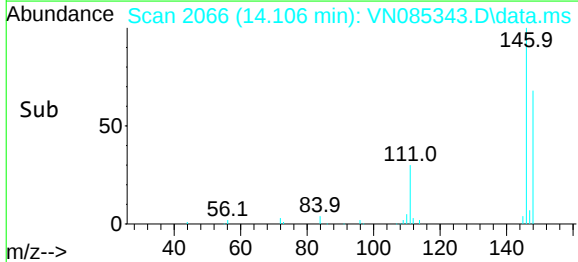
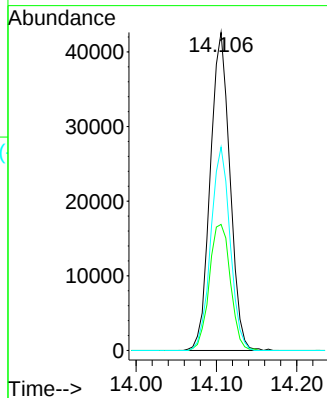
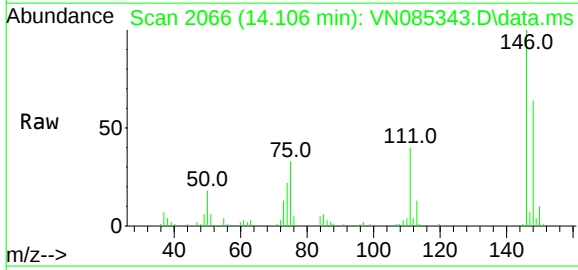
Tgt Ion:	146	Resp:	72323
Ion Ratio	Lower	Upper	
146	100		
111	42.7	21.8	65.3
148	62.9	31.4	94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 24.495 ug/l

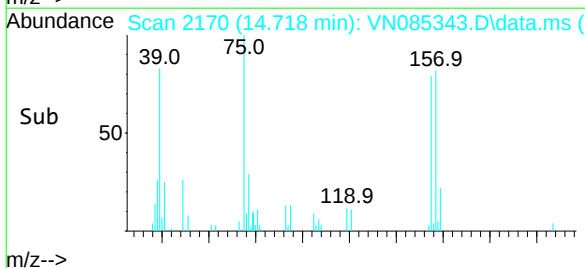
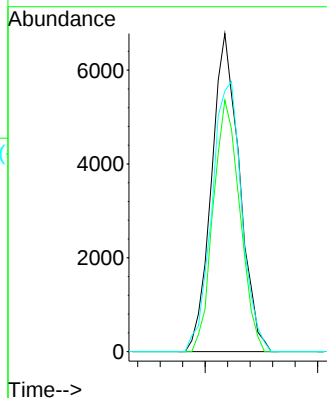
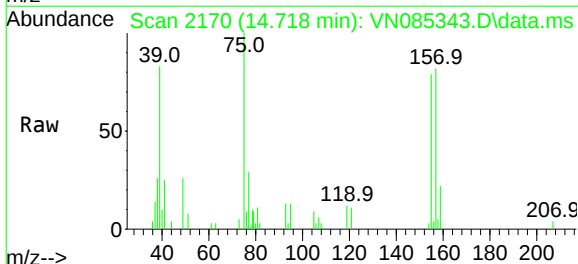
RT: 14.718 min Scan# 2170

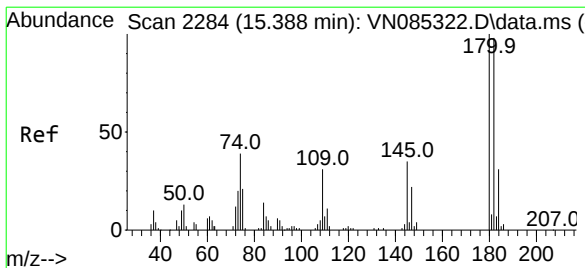
Delta R.T. 0.006 min

Lab File: VN085343.D

Acq: 30 Dec 2024 14:25

Tgt Ion:	75	Resp:	11727
Ion Ratio	Lower	Upper	
75	100		
155	75.2	35.6	106.9
157	90.6	47.0	141.0





#93

1,2,4-Trichlorobenzene

Concen: 18.391 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN085343.D

Acq: 30 Dec 2024 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN1230WBSD01

Tgt Ion:180 Resp: 33168

Ion Ratio Lower Upper

180 100

182 99.1 47.2 141.6

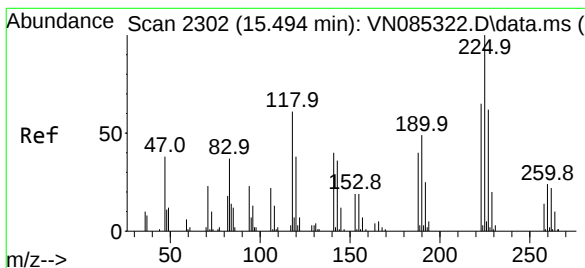
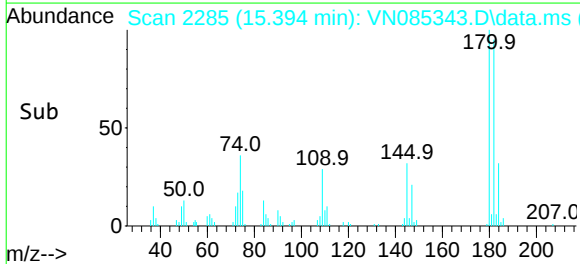
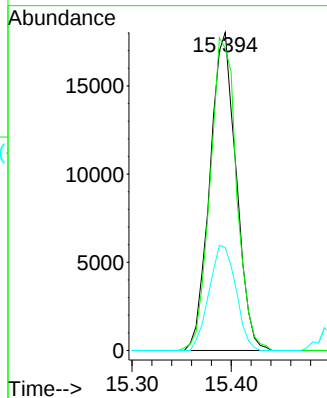
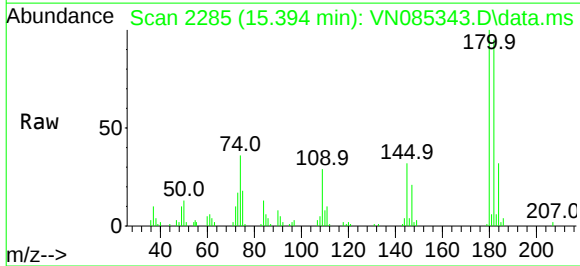
145 33.6 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#94

Hexachlorobutadiene

Concen: 17.964 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN085343.D

Acq: 30 Dec 2024 14:25

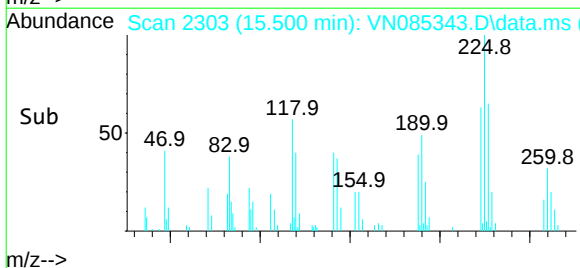
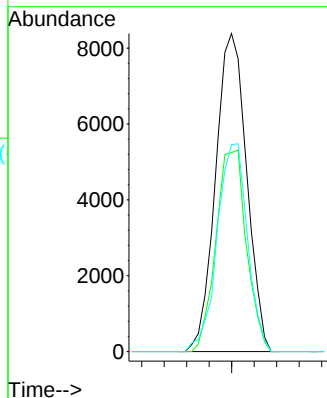
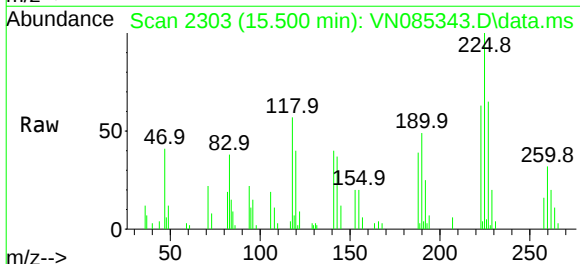
Tgt Ion:225 Resp: 16097

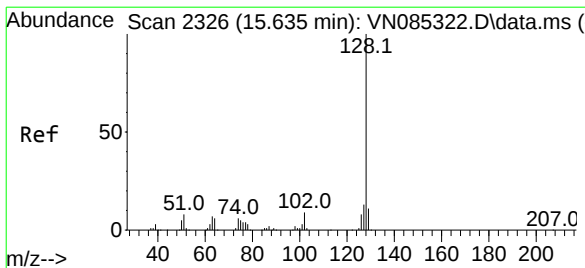
Ion Ratio Lower Upper

225 100

223 62.2 31.6 94.7

227 63.7 30.3 91.0





#95

Naphthalene

Concen: 18.249 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN085343.D

Acq: 30 Dec 2024 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN1230WBSD01

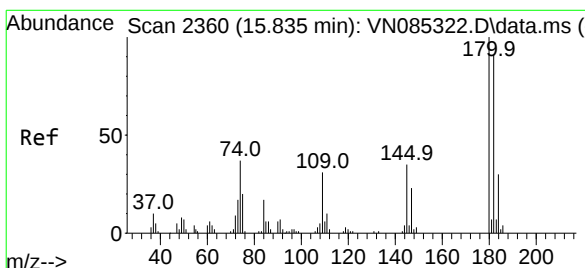
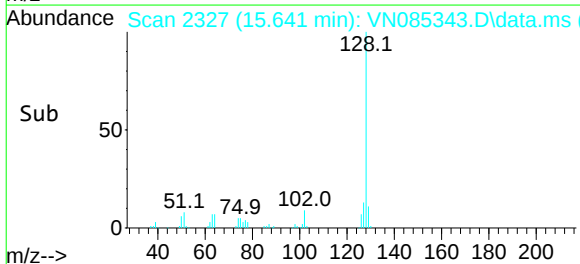
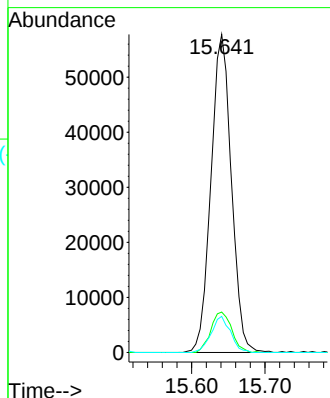
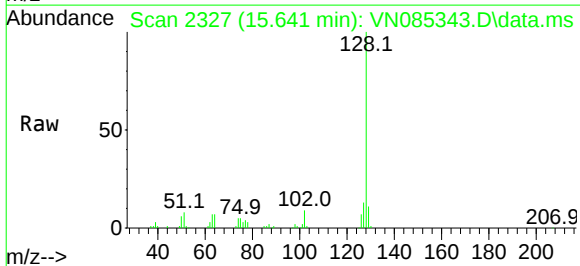
Tgt Ion:	128	Resp:	111605
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	16.0
129	10.8	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.769 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085343.D

Acq: 30 Dec 2024 14:25

Tgt Ion:	180	Resp:	33821
Ion Ratio	Lower	Upper	
180	100		
182	94.2	46.8	140.4
145	33.4	17.2	51.6

