

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122724\
 Data File : VN085322.D
 Acq On : 27 Dec 2024 10:50
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/30/2024
 Supervised By : Mahesh Dadoda 12/30/2024

Quant Time: Dec 28 01:13:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:10:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	155532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	278404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	240680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113462	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111594	50.305	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.620%
35) Dibromofluoromethane	8.159	113	88275	50.825	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.660%
50) Toluene-d8	10.559	98	323100	50.695	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.380%
62) 4-Bromofluorobenzene	12.847	95	111548	52.700	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	108746	51.698	ug/l	100
3) Chloromethane	2.359	50	106659	45.115	ug/l	100
4) Vinyl Chloride	2.512	62	117884	47.149	ug/l	100
5) Bromomethane	2.959	94	74886	45.796	ug/l	100
6) Chloroethane	3.124	64	74955	47.272	ug/l	100
7) Trichlorofluoromethane	3.500	101	158878	48.340	ug/l	100
8) Diethyl Ether	3.959	74	55553	51.048	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	89878	48.064	ug/l	100
10) Methyl Iodide	4.594	142	111290	51.423	ug/l	100
11) Tert butyl alcohol	5.512	59	66517	239.459	ug/l	100
12) 1,1-Dichloroethene	4.342	96	83691	48.422	ug/l	100
13) Acrolein	4.177	56	101450	234.253	ug/l	100
14) Allyl chloride	5.018	41	133004	48.082	ug/l	100
15) Acrylonitrile	5.712	53	213836	244.585	ug/l	100
16) Acetone	4.418	43	173280	237.550	ug/l	100
17) Carbon Disulfide	4.712	76	238824	45.421	ug/l	100
18) Methyl Acetate	5.018	43	108199	48.449	ug/l	100
19) Methyl tert-butyl Ether	5.788	73	290643	51.737	ug/l	100
20) Methylene Chloride	5.271	84	95357	48.601	ug/l	100
21) trans-1,2-Dichloroethene	5.783	96	87901	48.686	ug/l	100
22) Diisopropyl ether	6.665	45	302742	50.788	ug/l	100
23) Vinyl Acetate	6.594	43	1110592	259.168	ug/l	100
24) 1,1-Dichloroethane	6.565	63	173999	48.458	ug/l	100
25) 2-Butanone	7.477	43	285403	252.198	ug/l	100
26) 2,2-Dichloropropane	7.482	77	160118	50.897	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	107476	50.718	ug/l	100
28) Bromochloromethane	7.806	49	82793	49.616	ug/l #	100
29) Tetrahydrofuran	7.830	42	185555	254.548	ug/l	100
30) Chloroform	7.959	83	176294	47.991	ug/l	100
31) Cyclohexane	8.253	56	152319	46.455	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	158921	48.441	ug/l	100
36) 1,1-Dichloropropene	8.365	75	128454	50.513	ug/l	100
37) Ethyl Acetate	7.553	43	115871	45.842	ug/l	100
38) Carbon Tetrachloride	8.359	117	139705	50.401	ug/l	100
39) Methylcyclohexane	9.594	83	140293	53.172	ug/l	100
40) Benzene	8.600	78	383405	49.867	ug/l	100

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Quant Time: Dec 28 01:13:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:10:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	65714	50.764	ug/l	100
42) 1,2-Dichloroethane	8.665	62	131673	47.766	ug/l	100
43) Isopropyl Acetate	8.682	43	207309	49.811	ug/l	100
44) Trichloroethene	9.347	130	86607	47.578	ug/l	100
45) 1,2-Dichloropropane	9.612	63	94480	48.407	ug/l	100
46) Dibromomethane	9.706	93	66895	49.281	ug/l	100
47) Bromodichloromethane	9.882	83	140475	49.791	ug/l	100
48) Methyl methacrylate	9.676	41	95506	52.885	ug/l	100
49) 1,4-Dioxane	9.688	88	29967	1099.805	ug/l	100
51) 4-Methyl-2-Pentanone	10.441	43	604417	258.422	ug/l	100
52) Toluene	10.623	92	235625	51.469	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	147289	53.087	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	154618	51.536	ug/l	100
55) 1,1,2-Trichloroethane	11.012	97	85262	49.329	ug/l	100
56) Ethyl methacrylate	10.871	69	139960	55.599	ug/l	100
57) 1,3-Dichloropropane	11.159	76	154391	50.893	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	336991	276.695	ug/l	100
59) 2-Hexanone	11.194	43	428174	263.862	ug/l	100
60) Dibromochloromethane	11.353	129	103179	52.999	ug/l	100
61) 1,2-Dibromoethane	11.465	107	87157	50.969	ug/l	100
64) Tetrachloroethene	11.100	164	75140	49.270	ug/l	100
65) Chlorobenzene	11.888	112	252514	48.550	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	87333	50.030	ug/l	100
67) Ethyl Benzene	11.959	91	451752	52.228	ug/l	100
68) m/p-Xylenes	12.065	106	341420	107.860	ug/l	100
69) o-Xylene	12.394	106	165724	54.121	ug/l	100
70) Styrene	12.406	104	276012	55.616	ug/l	100
71) Bromoform	12.570	173	63268	52.330	ug/l #	100
73) Isopropylbenzene	12.688	105	423362	51.888	ug/l	100
74) N-ethyl acetate	12.488	43	183943	52.669	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	120681	46.441	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	94097m	43.170	ug/l	
77) Bromobenzene	12.976	156	95126	47.058	ug/l	100
78) n-propylbenzene	13.029	91	498392	52.403	ug/l	100
79) 2-Chlorotoluene	13.123	91	299107	49.970	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	347857	52.709	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	45749m	51.950	ug/l	
82) 4-Chlorotoluene	13.217	91	299712	49.717	ug/l	100
83) tert-Butylbenzene	13.435	119	294653	51.541	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	354037	53.875	ug/l	100
85) sec-Butylbenzene	13.611	105	424353	53.476	ug/l	100
86) p-Isopropyltoluene	13.723	119	349527	49.276	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	179301	48.928	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	177873	47.253	ug/l	100
89) n-Butylbenzene	14.053	91	309010	53.178	ug/l	100
90) Hexachloroethane	14.329	117	67607	51.976	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	171657	49.173	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.711	75	22952	49.627	ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	86363	49.570	ug/l	100
94) Hexachlorobutadiene	15.494	225	38529	44.509	ug/l	100
95) Naphthalene	15.635	128	286887	48.560	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	84633	48.618	ug/l	100

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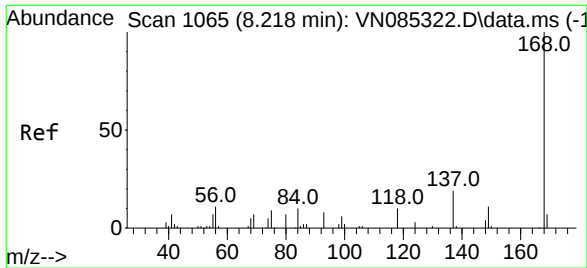
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/30/2024

Quant Time: Dec 28 01:13:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:10:11 2024
Response via : Initial Calibration

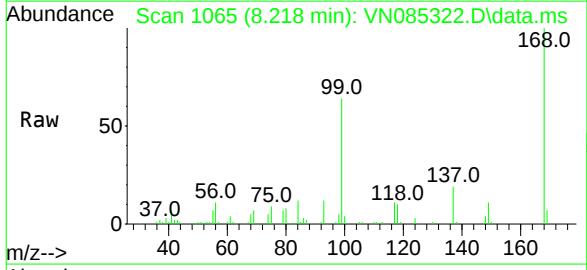
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

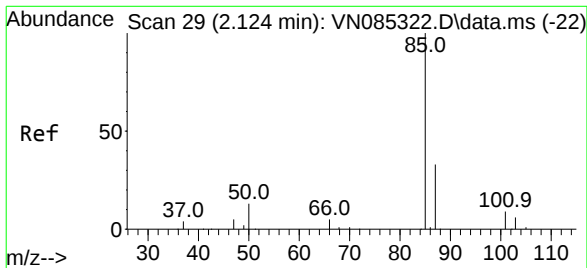
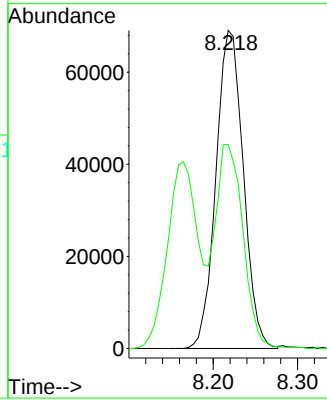
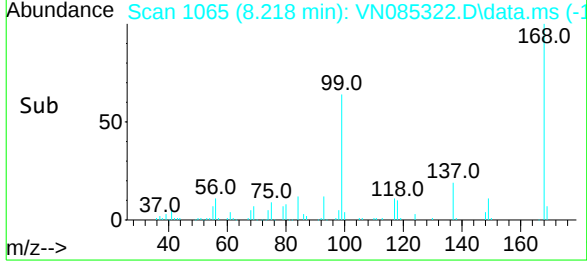
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



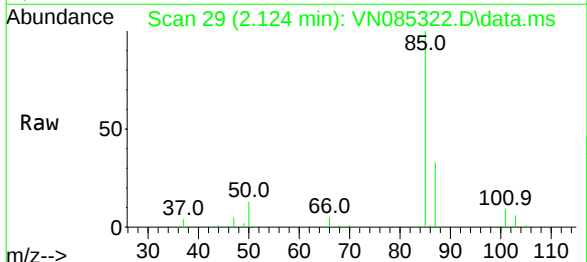
Tgt Ion:168 Resp: 155532
Ion Ratio Lower Upper
168 100
99 63.7 51.0 76.4

Manual Integrations
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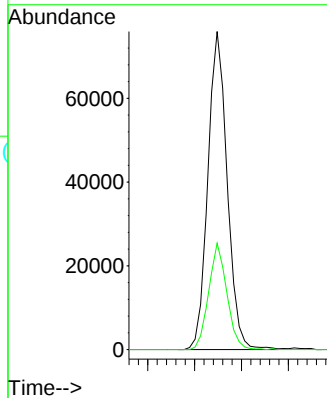
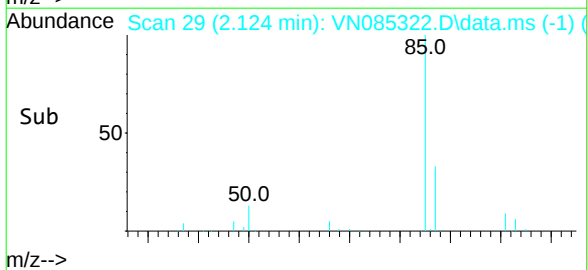
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



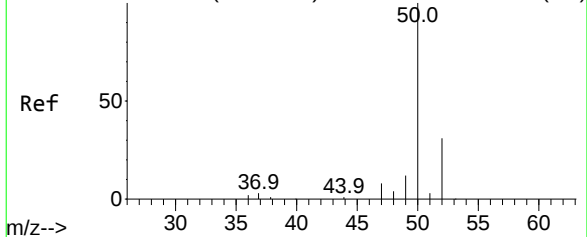
#2
Dichlorodifluoromethane
Concen: 51.698 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50



Tgt Ion: 85 Resp: 108746
Ion Ratio Lower Upper
85 100
87 33.5 16.8 50.3



Abundance Scan 69 (2.359 min): VN085322.D\data.ms (-62)



#3

Chloromethane

Concen: 45.115 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 106659

Ion Ratio Lower Upper

50 100

52 31.4 25.1 37.7

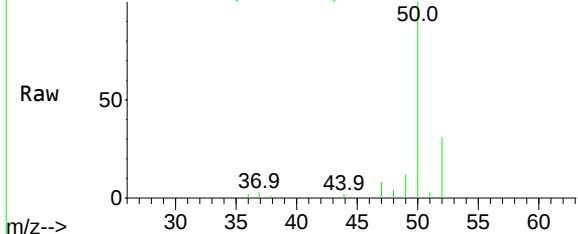
Manual Integrations

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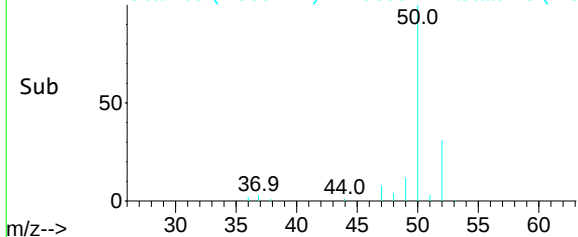
Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024

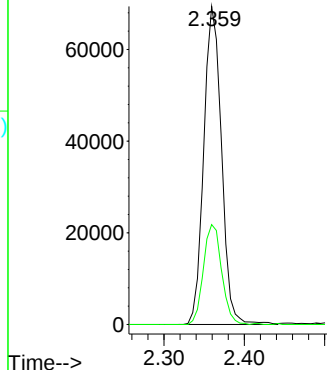
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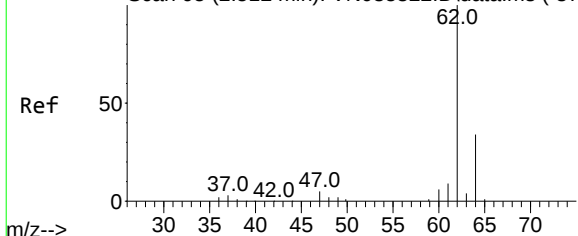
Abundance Scan 69 (2.359 min): VN085322.D\data.ms (-18)



Abundance



Abundance Scan 95 (2.512 min): VN085322.D\data.ms (-87)



#4

Vinyl Chloride

Concen: 47.149 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

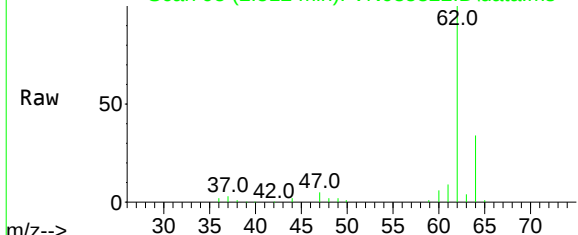
Tgt Ion: 62 Resp: 117884

Ion Ratio Lower Upper

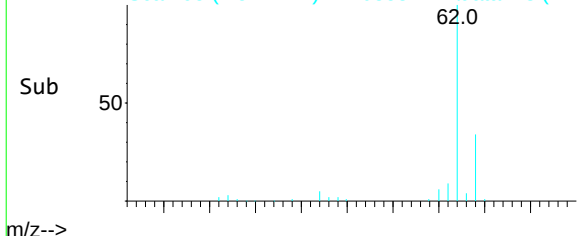
62 100

64 33.8 27.0 40.6

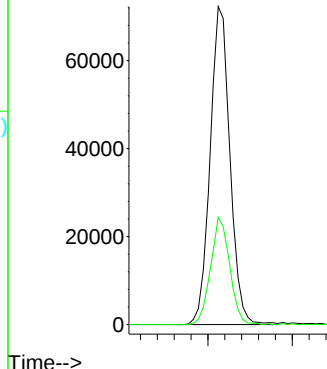
Abundance Scan 95 (2.512 min): VN085322.D\data.ms

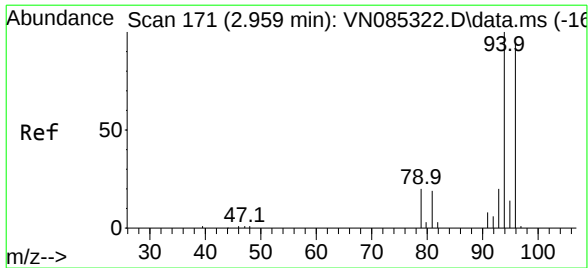


Abundance Scan 95 (2.512 min): VN085322.D\data.ms (-44)



Abundance





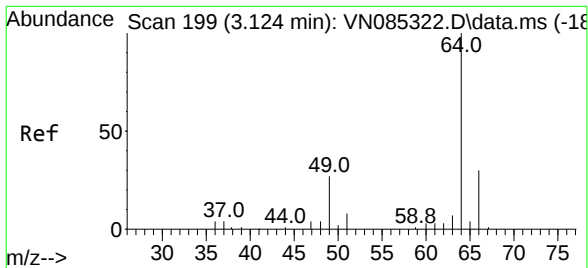
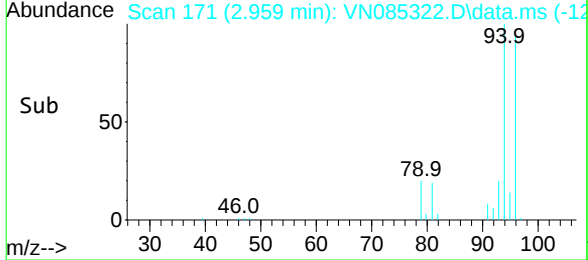
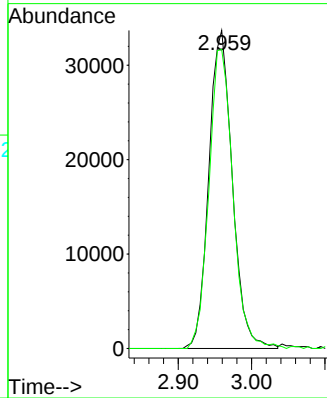
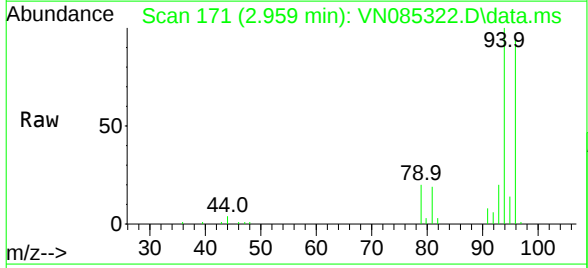
#5
Bromomethane
Concen: 45.796 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 94 Resp: 74886
Ion Ratio Lower Upper
94 100
96 94.0 75.2 112.8

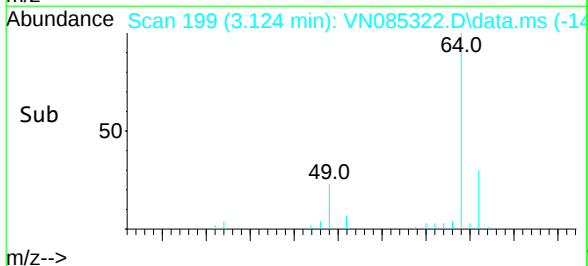
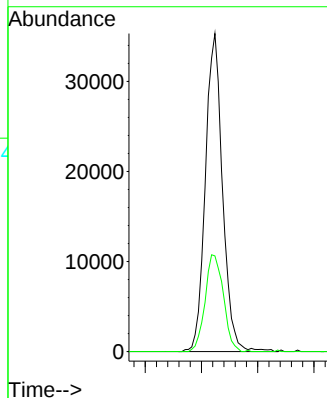
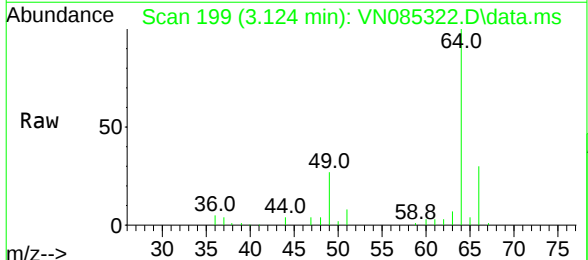
Manual Integrations
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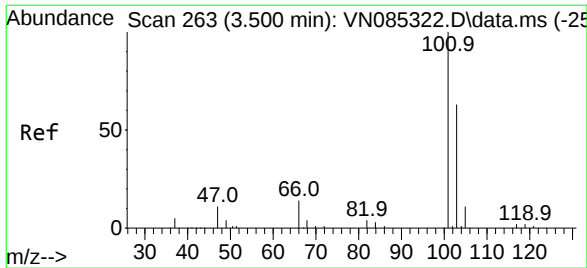
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#6
Chloroethane
Concen: 47.272 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 64 Resp: 74955
Ion Ratio Lower Upper
64 100
66 30.1 24.1 36.1





#7

Trichlorofluoromethane

Concen: 48.340 ug/l

RT: 3.500 min Scan# 263

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:101 Resp: 158878

Ion Ratio Lower Upper

101 100

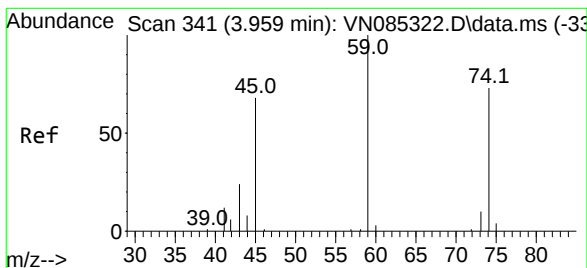
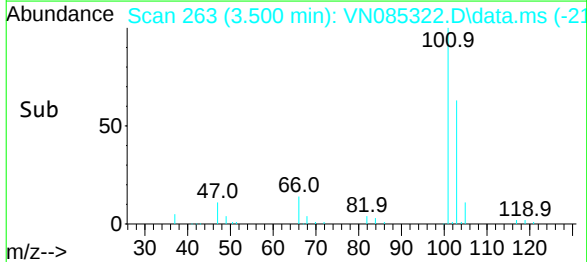
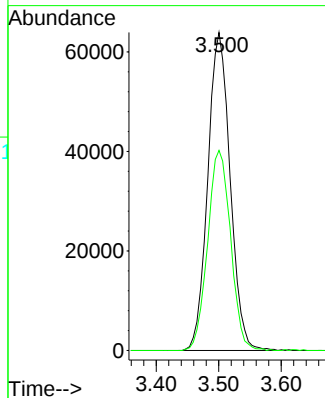
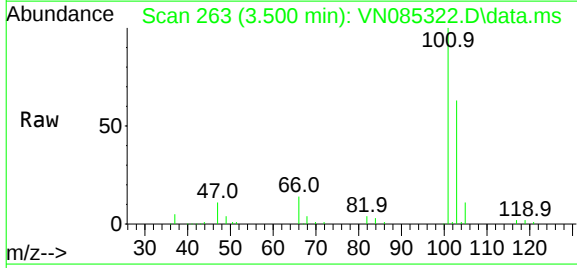
103 62.9 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#8

Diethyl Ether

Concen: 51.048 ug/l

RT: 3.959 min Scan# 341

Delta R.T. 0.000 min

Lab File: VN085322.D

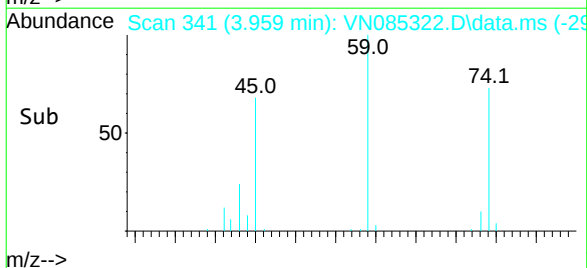
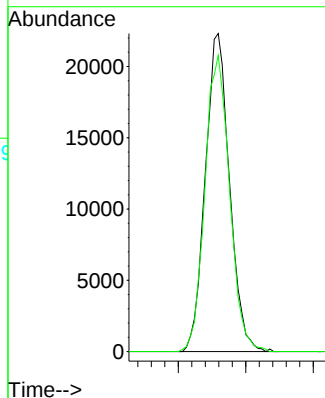
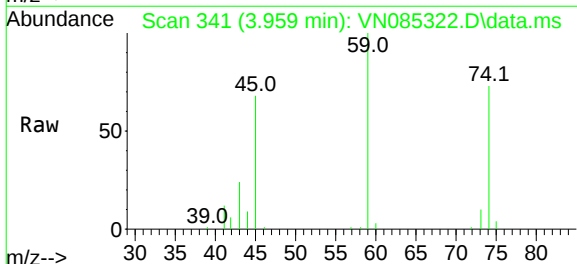
Acq: 27 Dec 2024 10:50

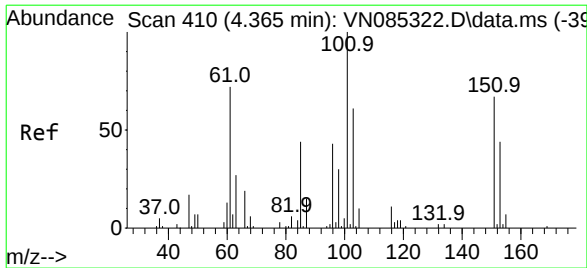
Tgt Ion: 74 Resp: 55553

Ion Ratio Lower Upper

74 100

45 95.1 47.5 142.6





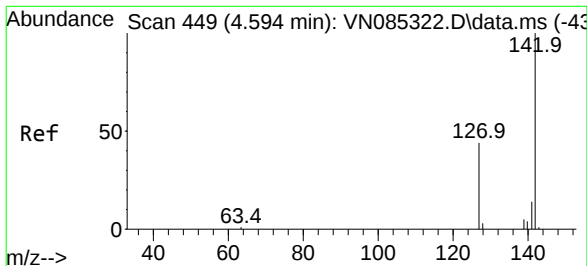
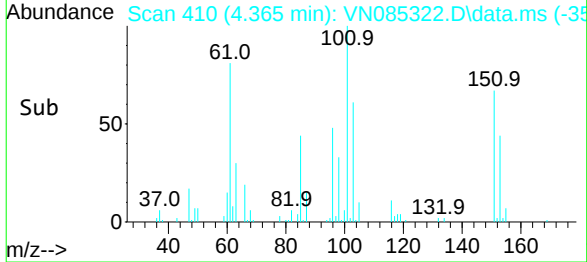
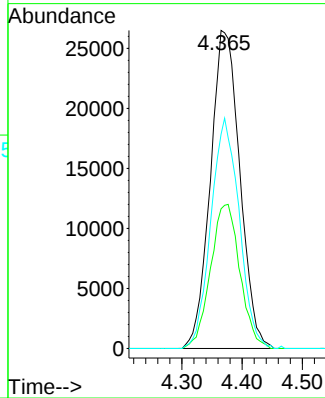
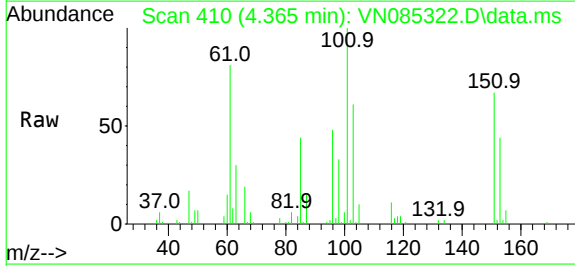
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.064 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:	101	Resp:	89878
Ion	Ratio	Lower	Upper
101	100		
85	45.3	36.2	54.4
151	69.7	55.8	83.6

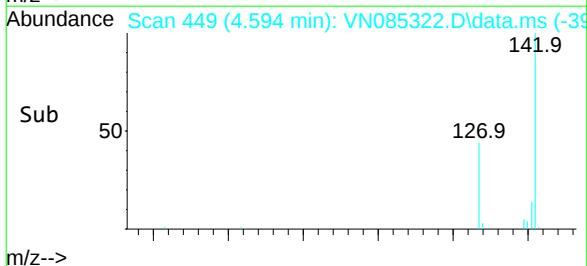
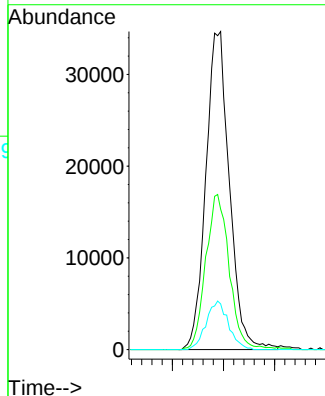
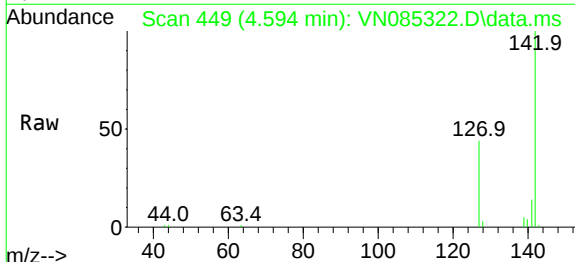
Manual Integrations
APPROVED

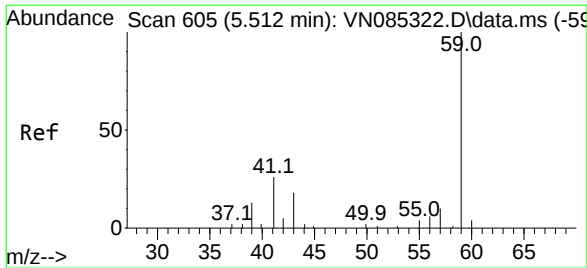
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#10
Methyl Iodide
Concen: 51.423 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion:	142	Resp:	111290
Ion	Ratio	Lower	Upper
142	100		
127	44.1	35.3	52.9
141	14.4	11.5	17.3





#11

Tert butyl alcohol

Concen: 239.459 ug/l

RT: 5.512 min Scan# 605

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 59 Resp: 66517

Ion Ratio Lower Upper

59 100

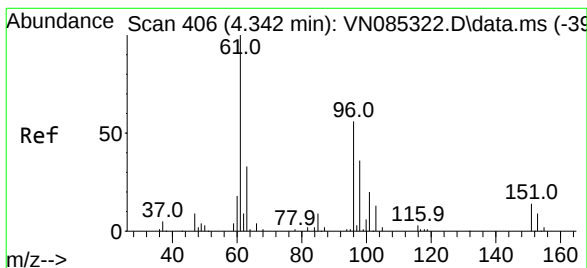
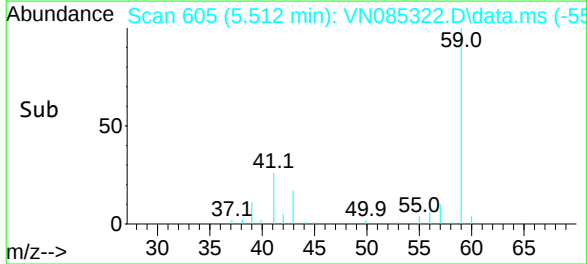
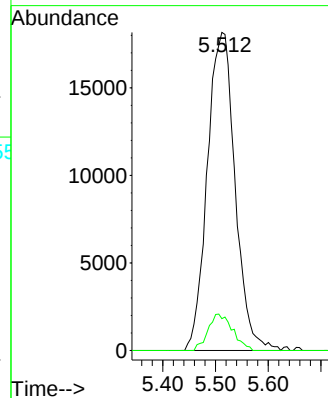
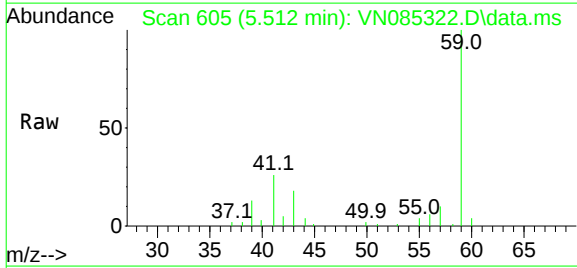
57 10.1 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#12

1,1-Dichloroethene

Concen: 48.422 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

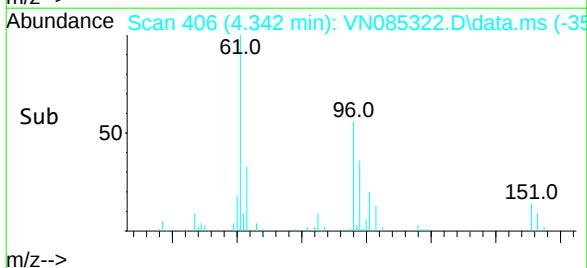
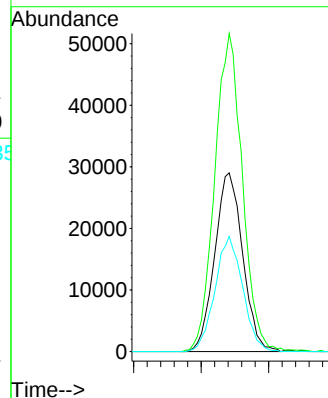
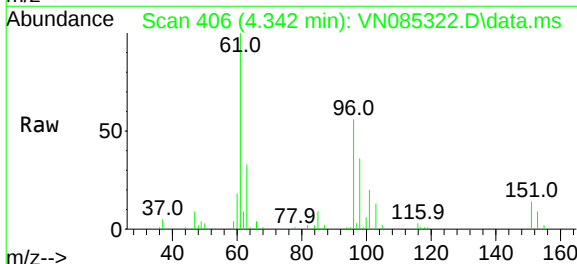
Tgt Ion: 96 Resp: 83691

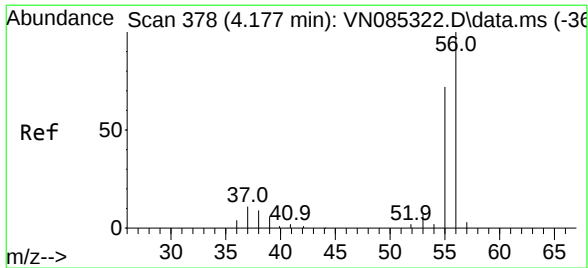
Ion Ratio Lower Upper

96 100

61 178.0 142.4 213.6

98 64.4 51.5 77.3





#13
 Acrolein
 Concen: 234.253 ug/l
 RT: 4.177 min Scan# 378
 Delta R.T. 0.000 min
 Lab File: VN085322.D
 Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

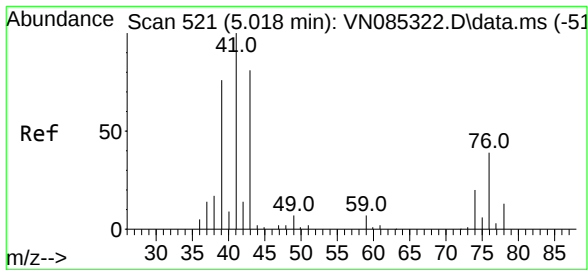
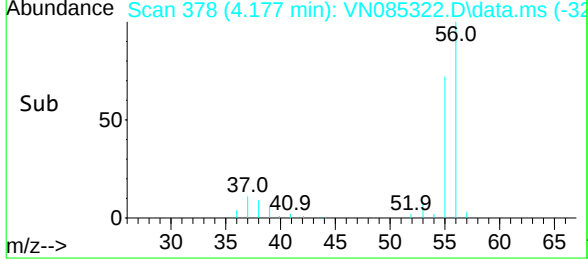
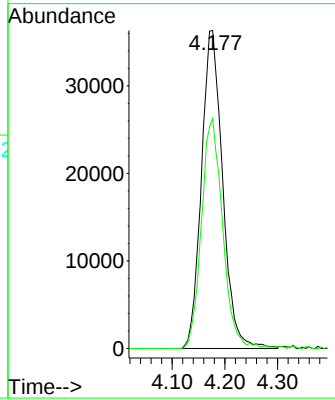
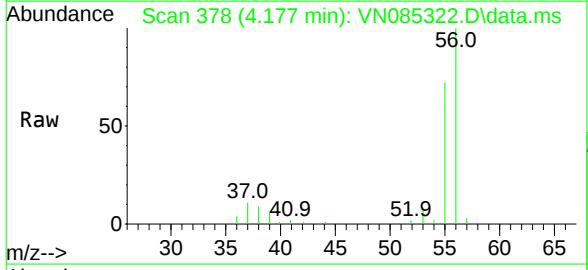
VSTDICCC050

Tgt Ion:	56	Resp:	101450
Ion	Ratio	Lower	Upper
56	100		
55	71.9	57.5	86.3

Manual Integrations

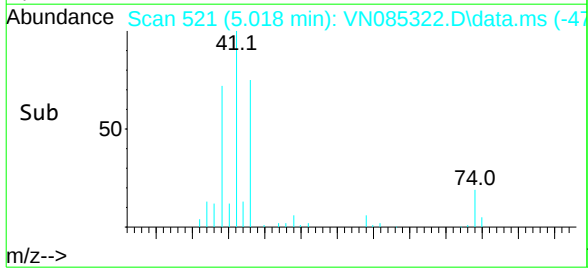
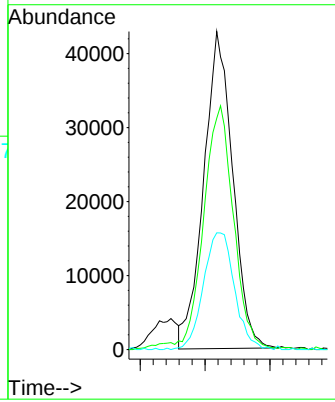
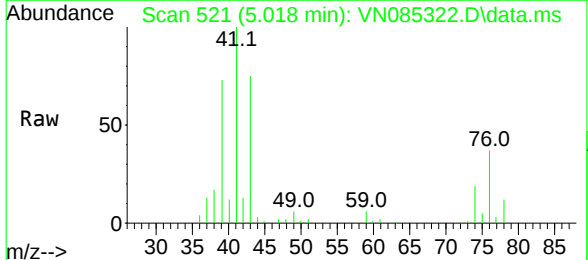
APPROVED

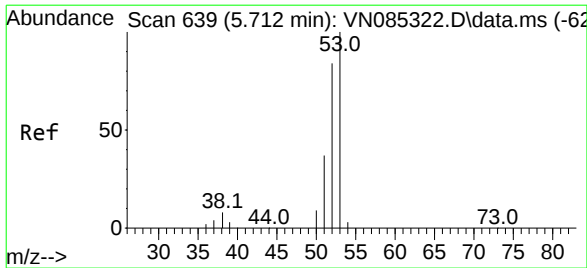
Reviewed By :John Carlone 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024



#14
 Allyl chloride
 Concen: 48.082 ug/l
 RT: 5.018 min Scan# 521
 Delta R.T. 0.000 min
 Lab File: VN085322.D
 Acq: 27 Dec 2024 10:50

Tgt Ion:	41	Resp:	133004
Ion	Ratio	Lower	Upper
41	100		
39	80.5	64.4	96.6
76	39.4	31.5	47.3





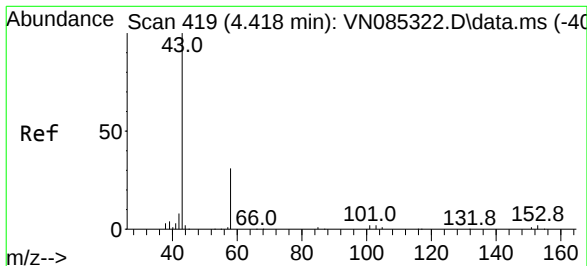
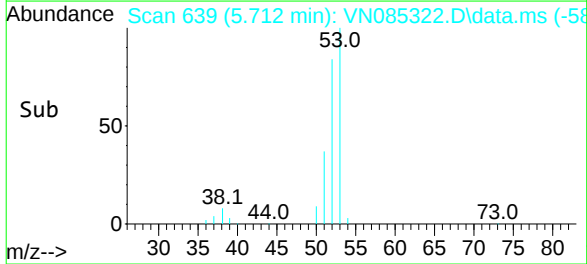
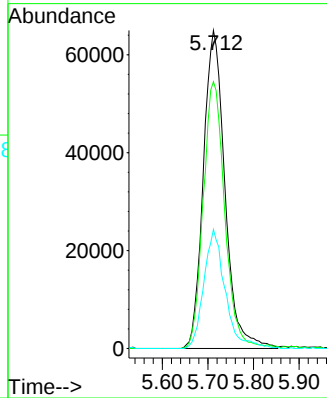
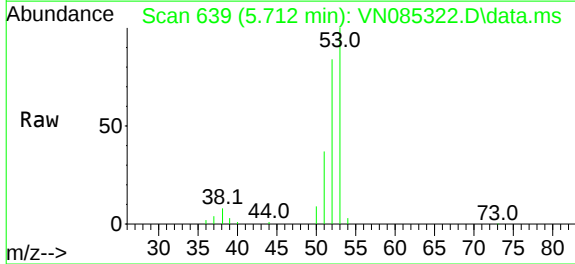
#15
Acrylonitrile
Concen: 244.585 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.6	100.0
51	37.0	29.6	44.4

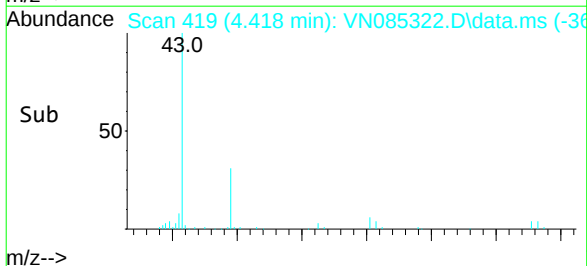
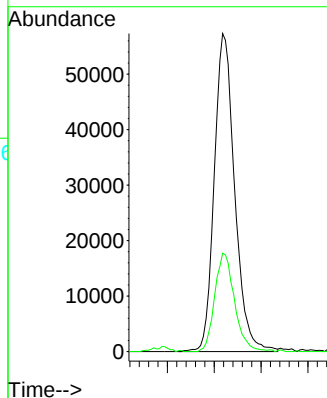
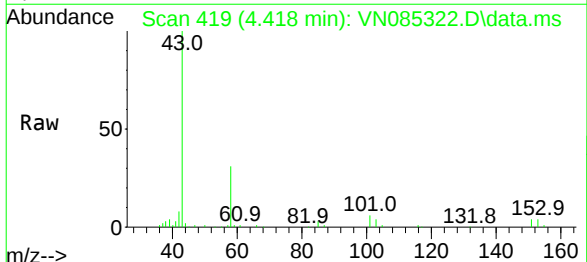
Manual Integrations
APPROVED

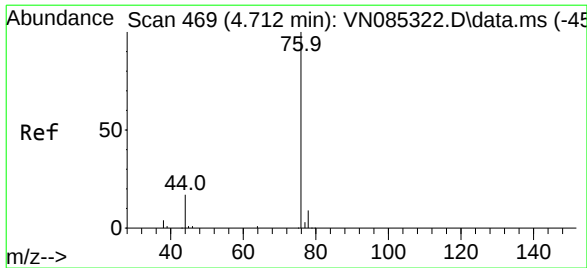
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#16
Acetone
Concen: 237.550 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

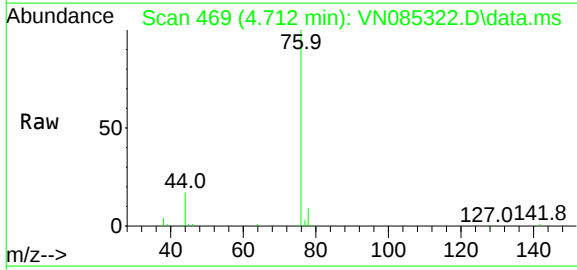
Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.5	36.7





#17
Carbon Disulfide
Concen: 45.421 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

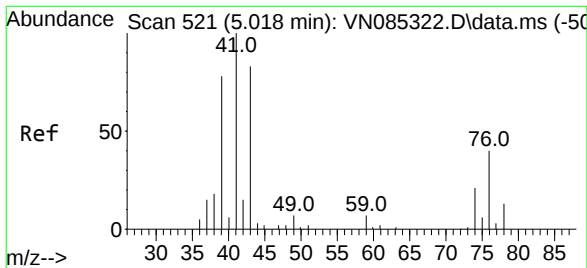
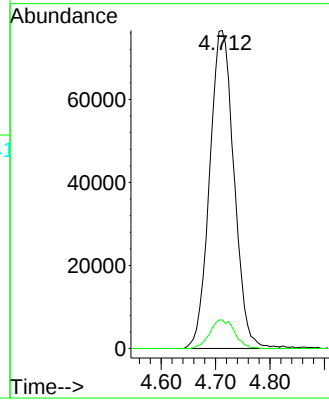
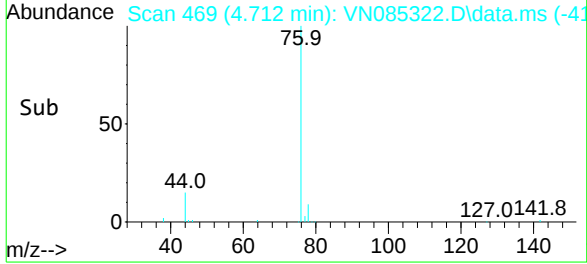
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 238824
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

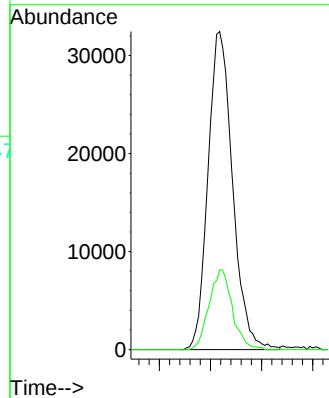
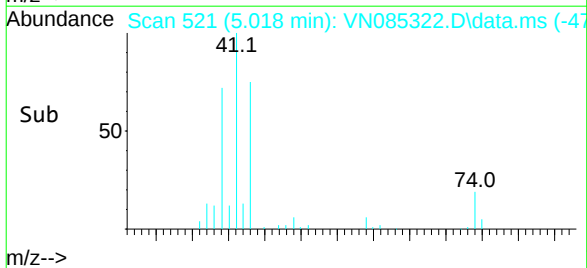
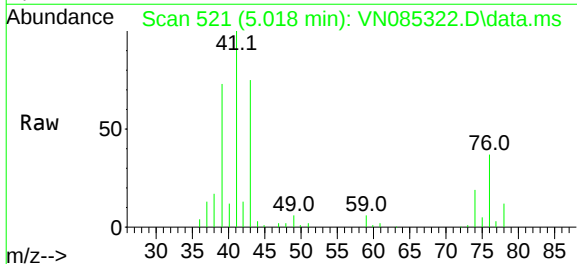
Manual Integrations
APPROVED

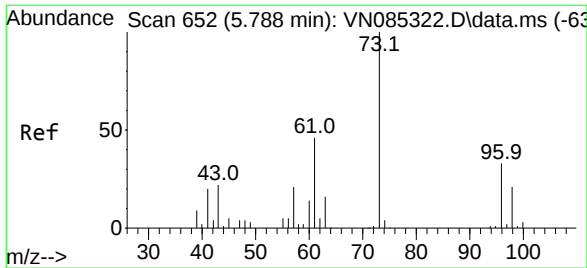
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#18
Methyl Acetate
Concen: 48.449 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 43 Resp: 108199
Ion Ratio Lower Upper
43 100
74 23.8 19.0 28.6





#19

Methyl tert-butyl Ether

Concen: 51.737 ug/l

RT: 5.788 min Scan# 65

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 73 Resp: 290643

Ion Ratio Lower Upper

73 100

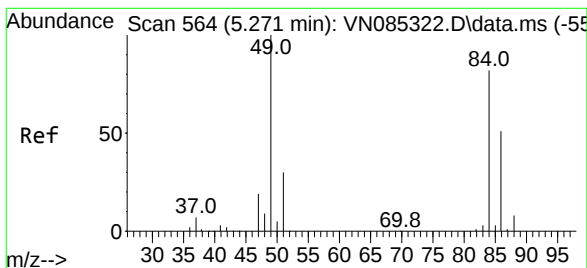
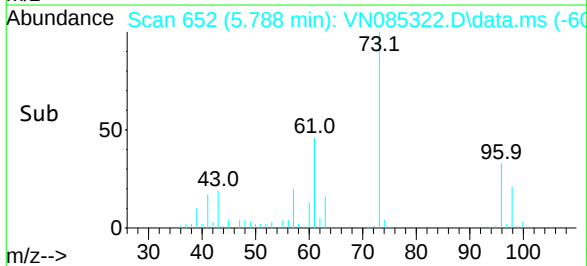
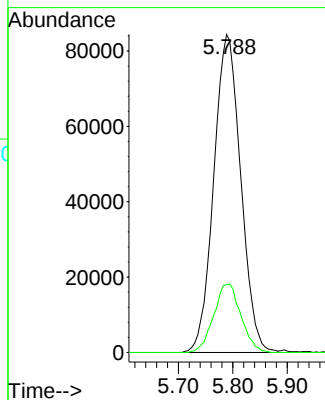
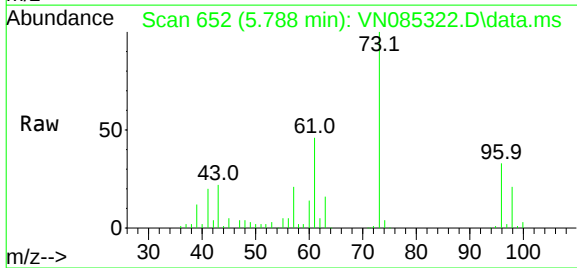
57 21.3 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#20

Methylene Chloride

Concen: 48.601 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Tgt Ion: 84 Resp: 95357

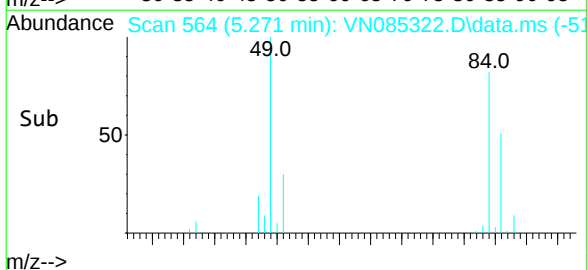
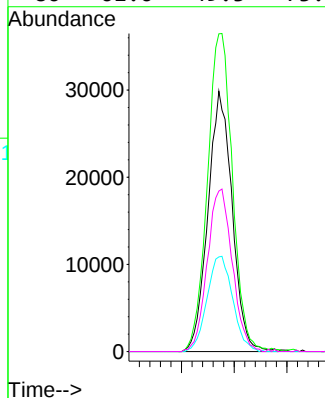
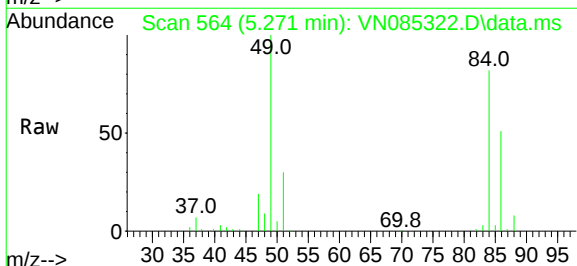
Ion Ratio Lower Upper

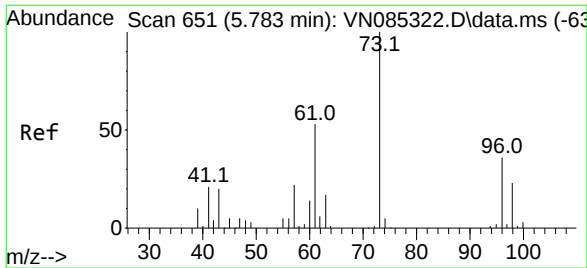
84 100

49 122.0 97.6 146.4

51 36.4 29.1 43.7

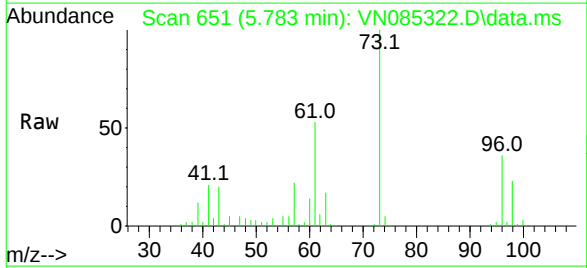
86 61.6 49.3 73.9





#21
trans-1,2-Dichloroethene
Concen: 48.686 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

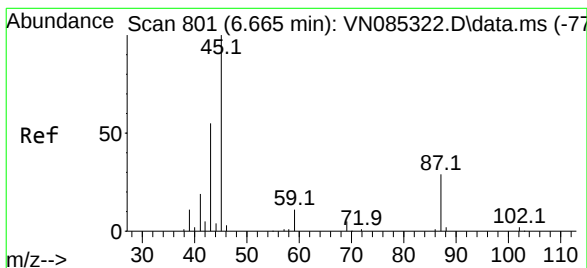
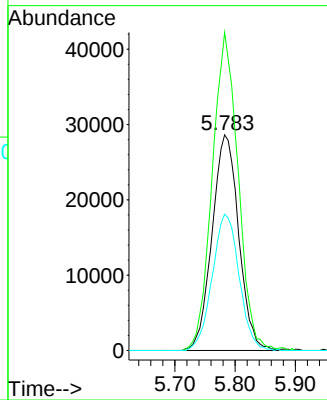
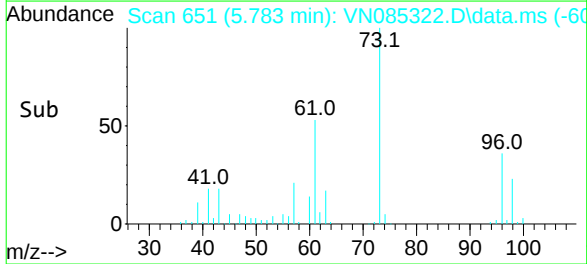
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



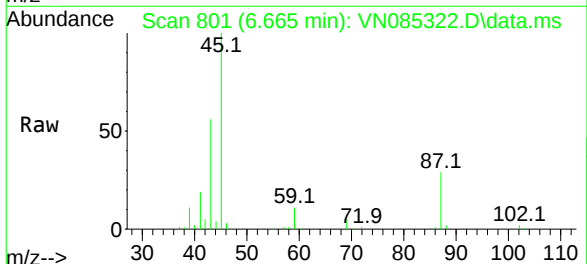
Tgt Ion: 96 Resp: 87901
Ion Ratio Lower Upper
96 100
61 147.5 118.0 177.0
98 63.2 50.6 75.8

Manual Integrations
APPROVED

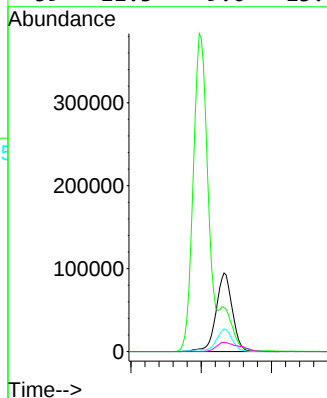
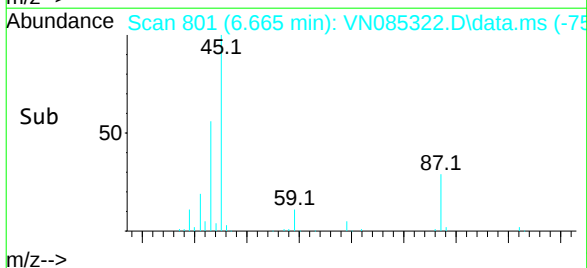
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

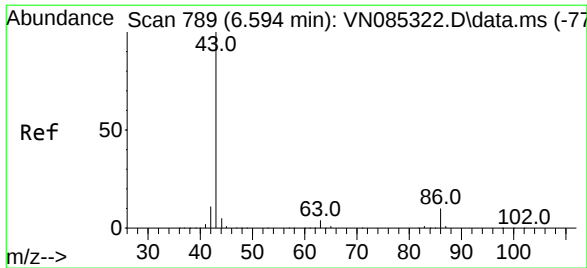


#22
Diisopropyl ether
Concen: 50.788 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50



Tgt Ion: 45 Resp: 302742
Ion Ratio Lower Upper
45 100
43 55.1 44.1 66.1
87 29.0 23.2 34.8
59 11.3 9.0 13.6





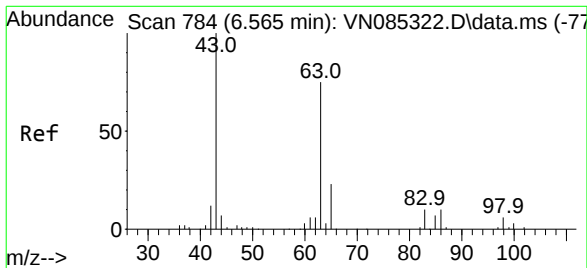
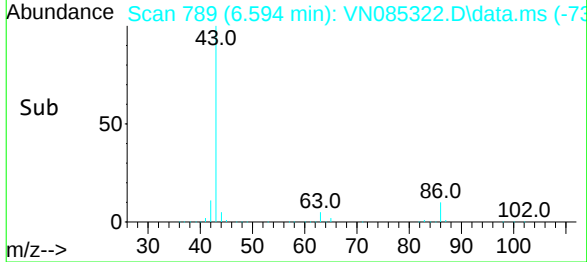
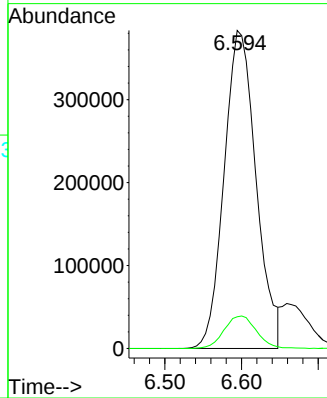
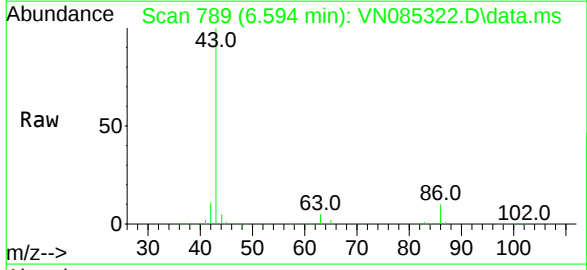
#23
 Vinyl Acetate
 Concen: 259.168 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN085322.D
 Acq: 27 Dec 2024 10:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 1110592
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.0 12.0

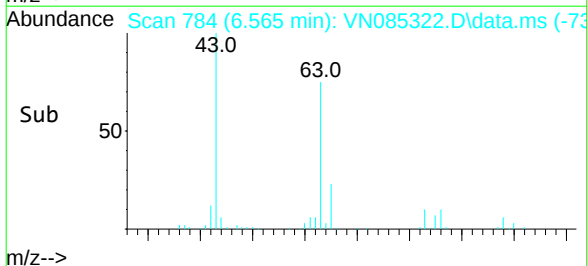
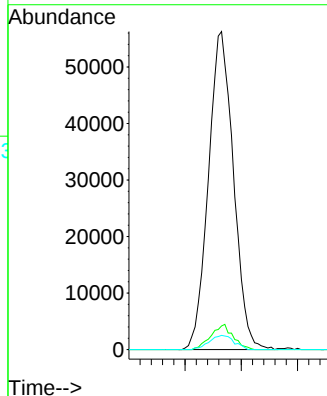
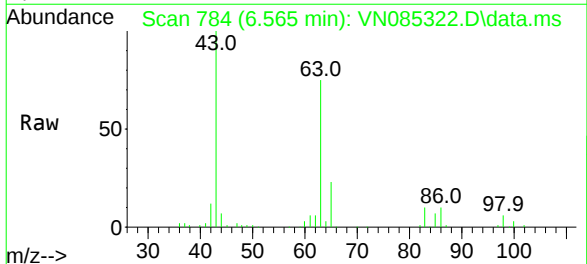
Manual Integrations
 APPROVED

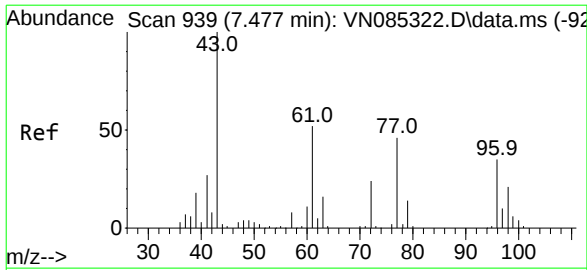
Reviewed By :John Carlone 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024



#24
 1,1-Dichloroethane
 Concen: 48.458 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085322.D
 Acq: 27 Dec 2024 10:50

Tgt Ion: 63 Resp: 173999
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 4.5 2.3 6.8





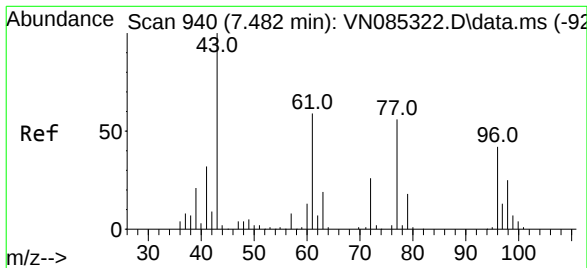
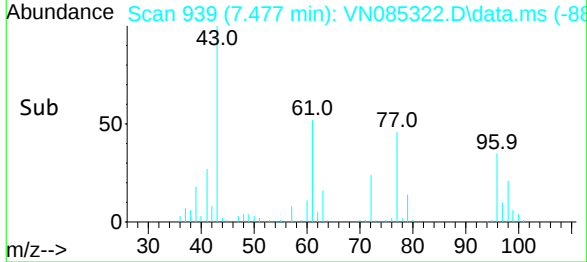
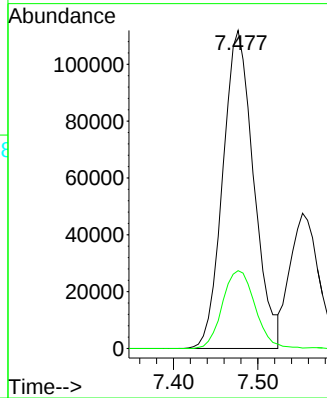
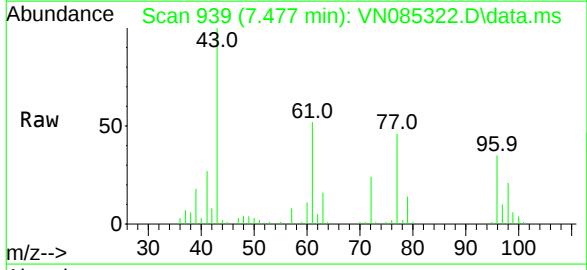
#25
2-Butanone
Concen: 252.198 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 285403
Ion Ratio Lower Upper
43 100
72 24.5 19.6 29.4

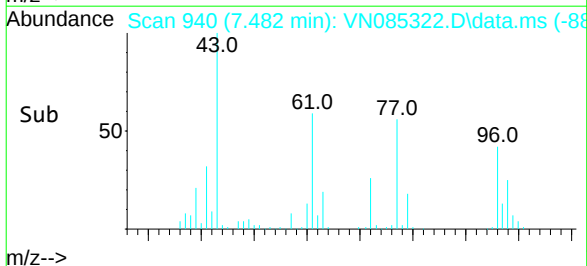
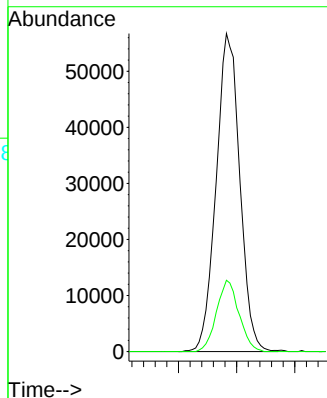
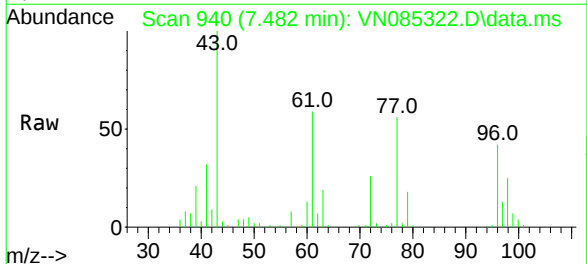
Manual Integrations
APPROVED

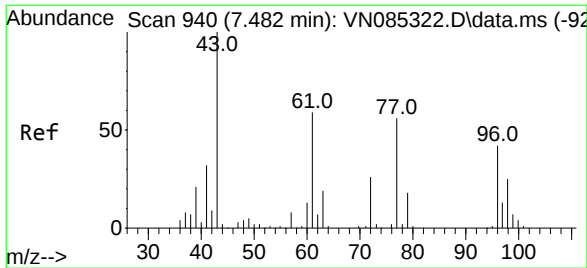
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#26
2,2-Dichloropropane
Concen: 50.897 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 77 Resp: 160118
Ion Ratio Lower Upper
77 100
97 21.2 10.6 31.8





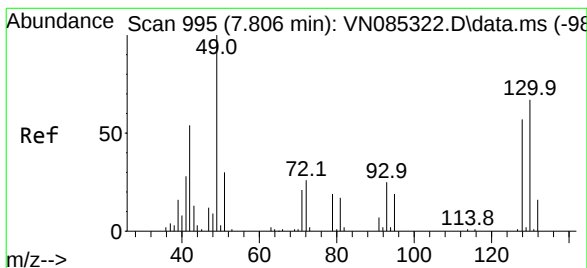
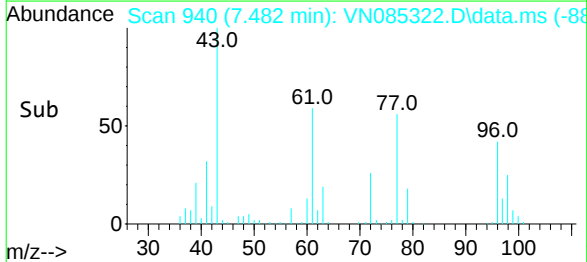
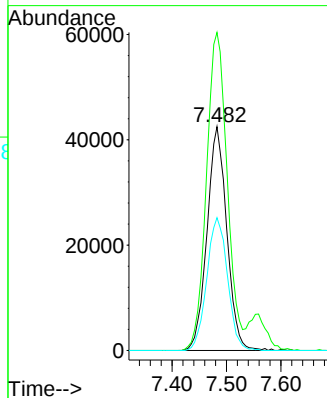
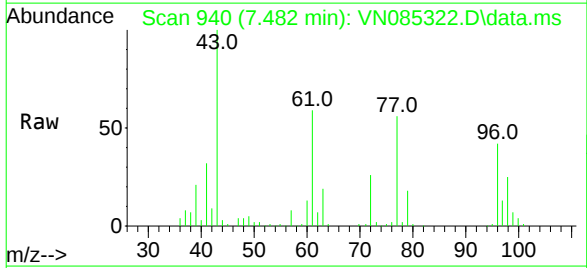
#27
 cis-1,2-Dichloroethene
 Concen: 50.718 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085322.D
 Acq: 27 Dec 2024 10:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 96 Resp: 107476
 Ion Ratio Lower Upper
 96 100
 61 148.2 0.0 296.4
 98 62.1 0.0 124.2

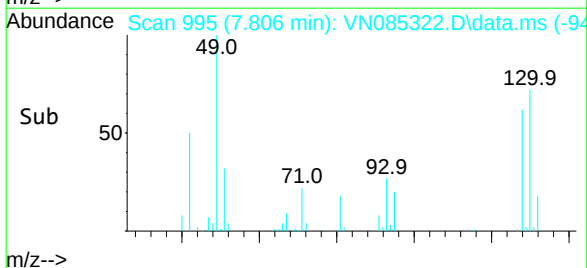
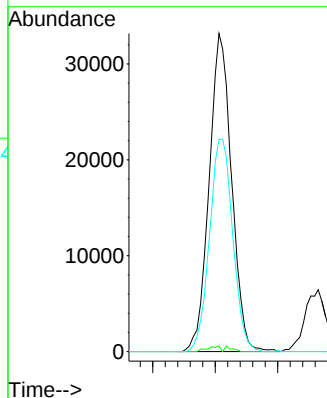
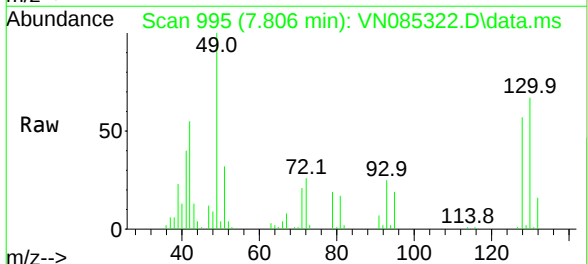
Manual Integrations
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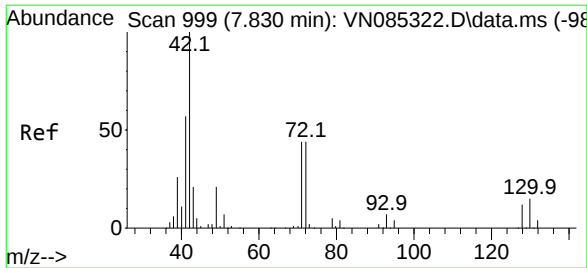
Reviewed By :John Carlone 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024



#28
 Bromochloromethane
 Concen: 49.616 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VN085322.D
 Acq: 27 Dec 2024 10:50

Tgt Ion: 49 Resp: 82793
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 2.0
 130 0.0 0.0 0.0





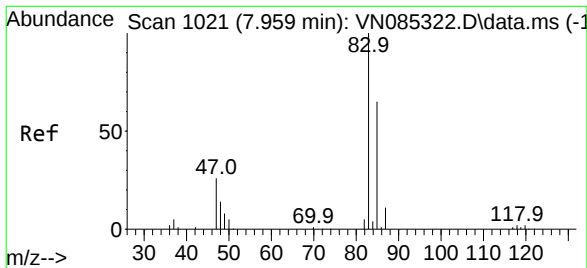
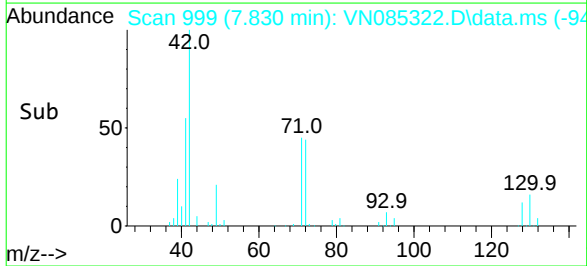
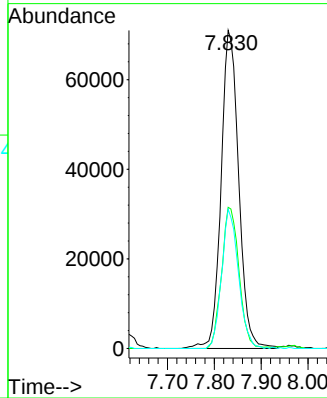
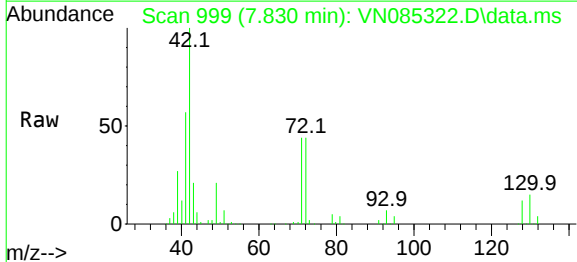
#29
Tetrahydrofuran
Concen: 254.548 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 185555
Ion Ratio Lower Upper
42 100
72 43.9 35.1 52.7
71 41.7 33.4 50.0

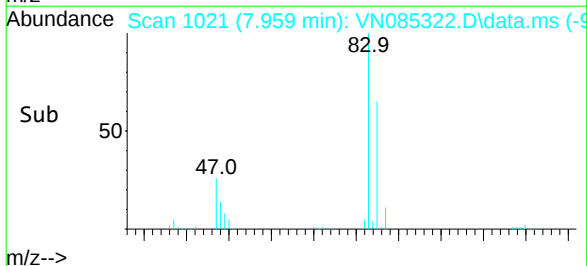
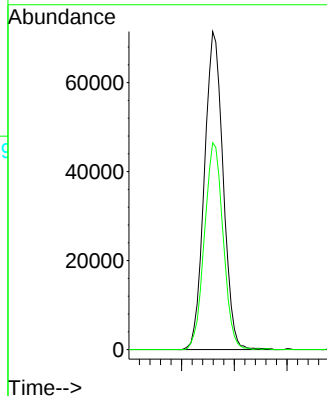
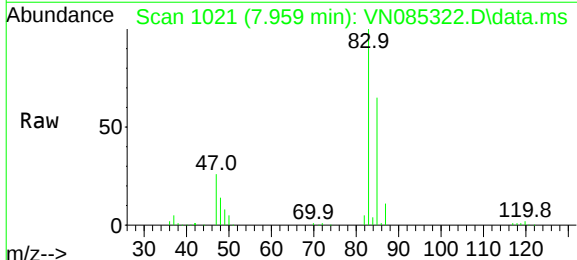
Manual Integrations
APPROVED

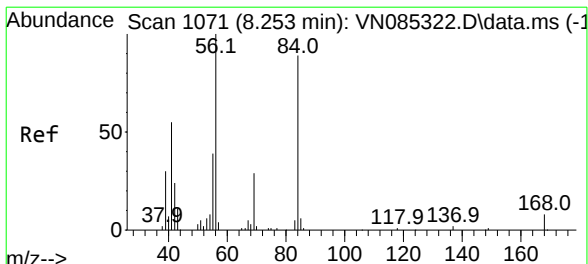
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#30
Chloroform
Concen: 47.991 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

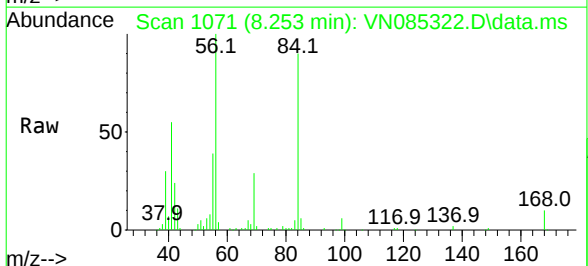
Tgt Ion: 83 Resp: 176294
Ion Ratio Lower Upper
83 100
85 65.0 52.0 78.0





#31
 Cyclohexane
 Concen: 46.455 ug/l
 RT: 8.253 min Scan# 1071
 Delta R.T. 0.000 min
 Lab File: VN085322.D
 Acq: 27 Dec 2024 10:50

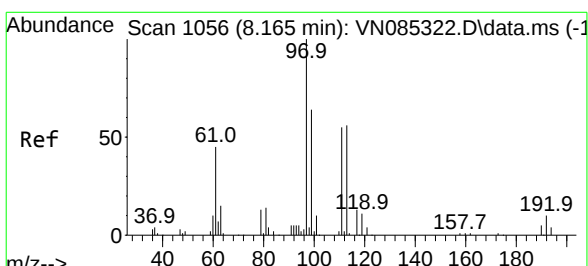
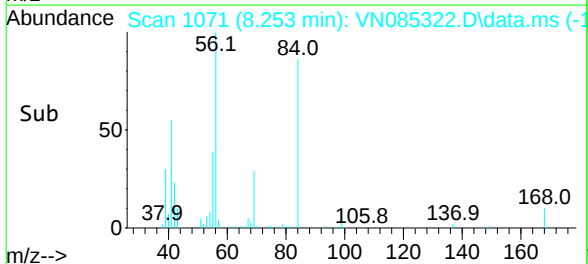
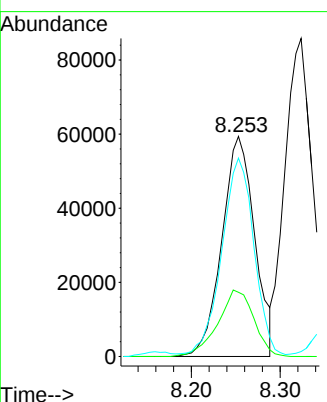
Instrument : MSVOA_N
 ClientSampleId : VSTDICCC050



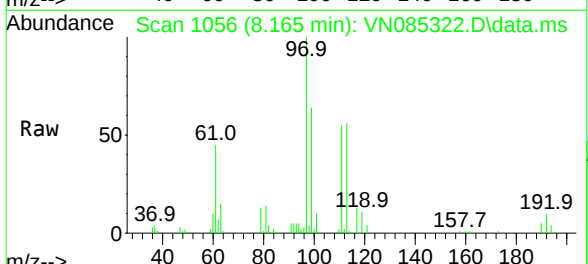
Tgt Ion: 56 Resp: 152319

Ion	Ratio	Lower	Upper
56	100		
69	29.2	23.4	35.0
84	88.8	71.0	106.6

Manual Integrations
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 Reviewed By :John Carlone 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024

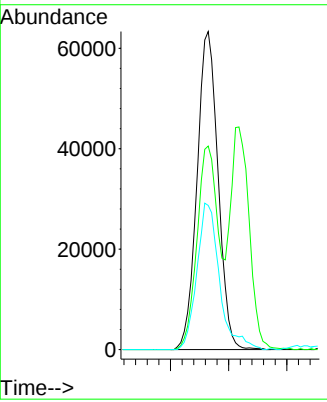
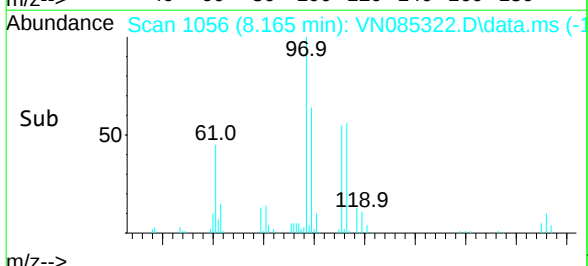


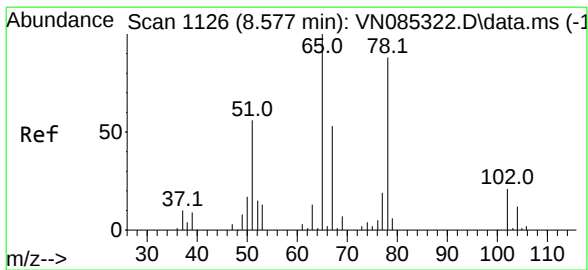
#32
 1,1,1-Trichloroethane
 Concen: 48.441 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN085322.D
 Acq: 27 Dec 2024 10:50



Tgt Ion: 97 Resp: 158921

Ion	Ratio	Lower	Upper
97	100		
99	66.6	53.3	79.9
61	49.5	39.6	59.4





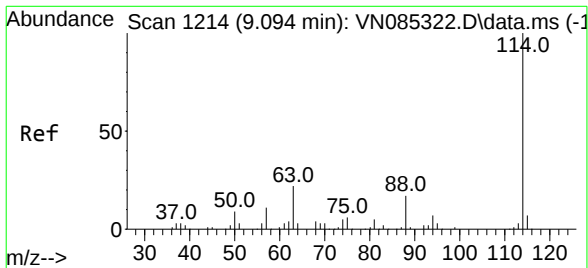
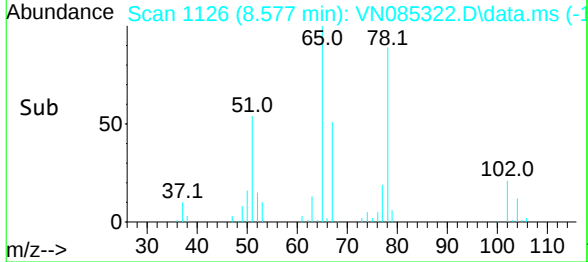
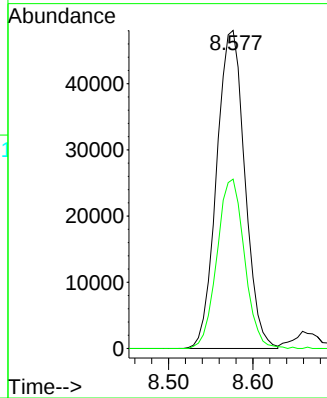
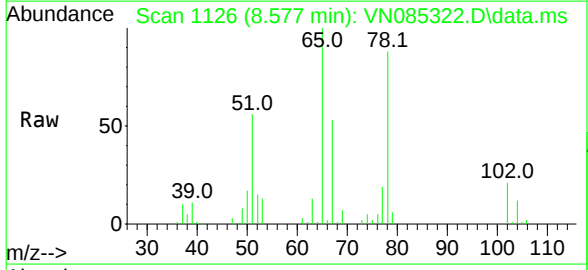
#33
1,2-Dichloroethane-d4
Concen: 50.305 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 111594
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0

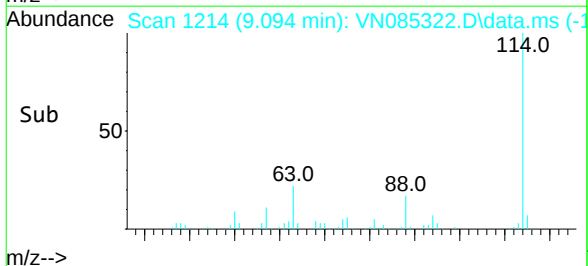
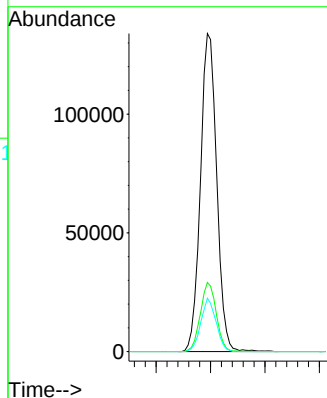
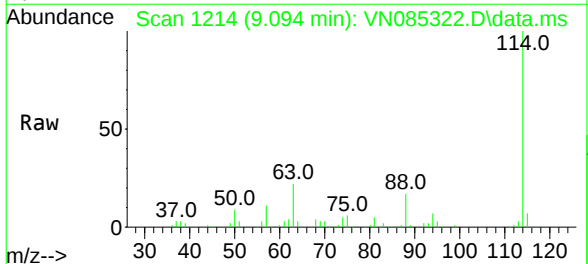
Manual Integrations
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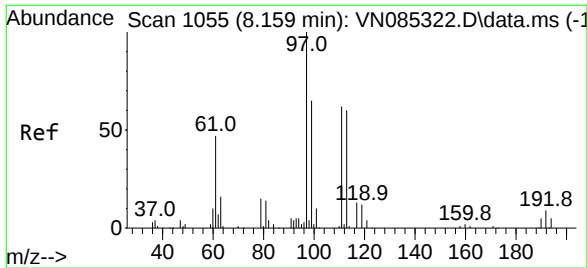
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

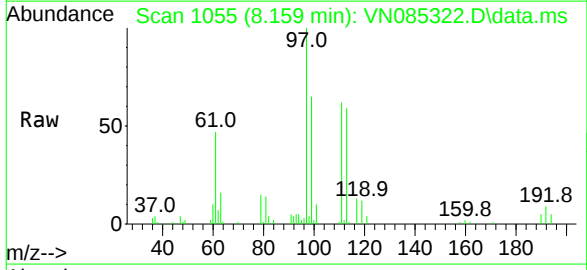
Tgt Ion:114 Resp: 278404
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.4
88 16.8 0.0 33.6





#35
Dibromofluoromethane
Concen: 50.825 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

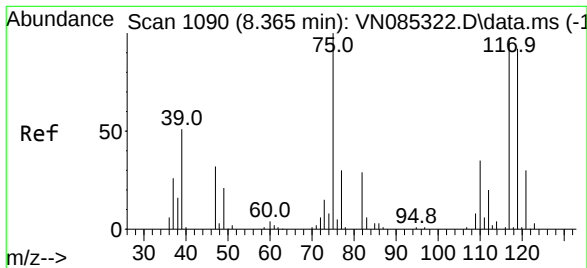
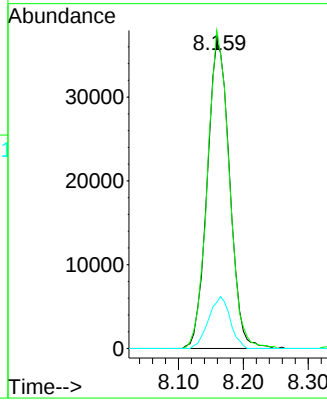
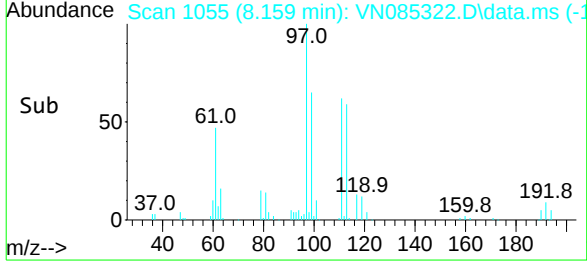
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:113 Resp: 88275
Ion Ratio Lower Upper
113 100
111 100.6 80.5 120.7
192 16.1 12.9 19.3

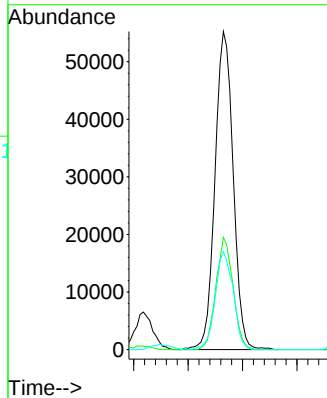
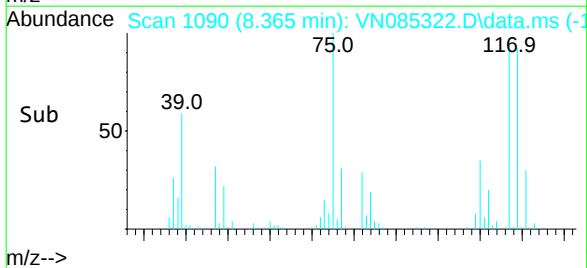
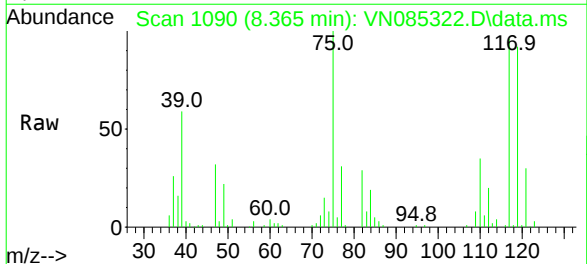
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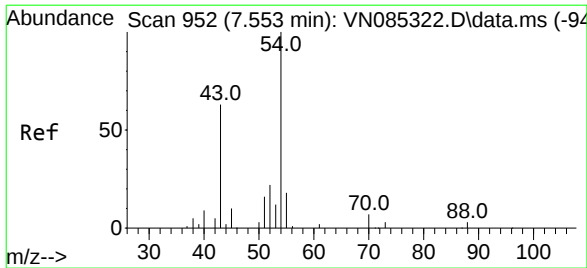
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#36
1,1-Dichloropropene
Concen: 50.513 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 75 Resp: 128454
Ion Ratio Lower Upper
75 100
110 33.2 16.6 49.8
77 30.4 24.3 36.5





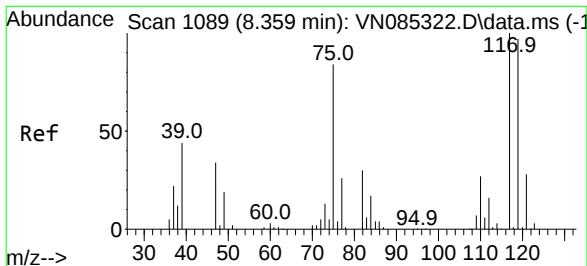
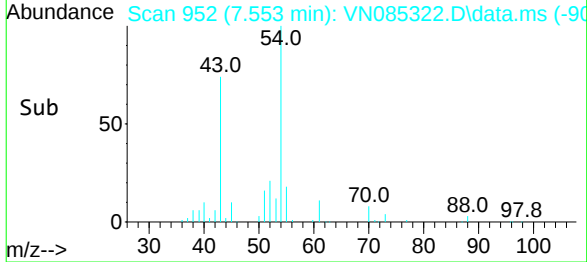
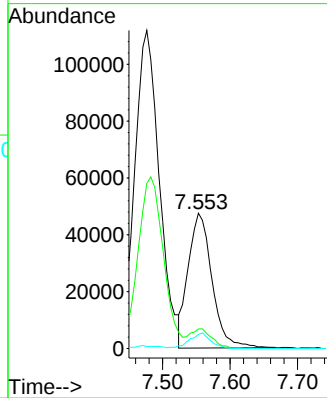
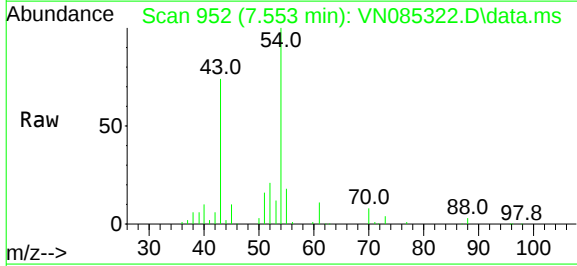
#37
Ethyl Acetate
Concen: 45.842 ug/l
RT: 7.553 min Scan# 952
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:	43	Resp:	115871
Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.4	15.6
70	10.2	8.2	12.2

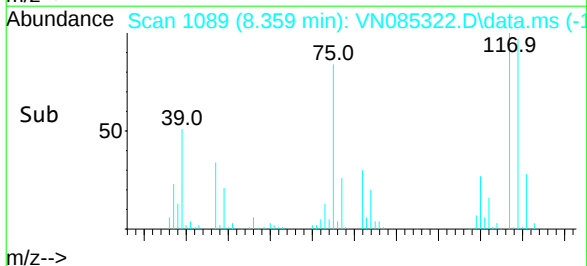
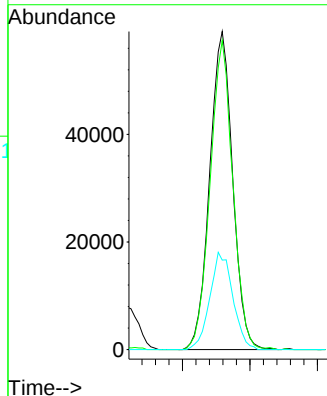
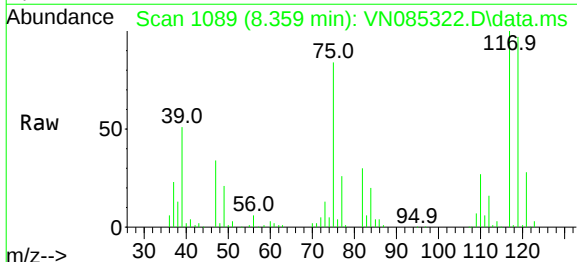
Manual Integrations
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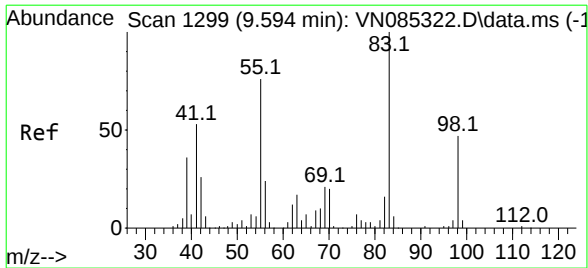
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#38
Carbon Tetrachloride
Concen: 50.401 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

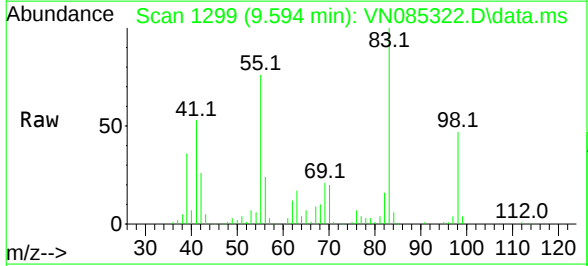
Tgt Ion:	117	Resp:	139705
Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.8	116.6
121	28.1	22.5	33.7





#39
Methylcyclohexane
Concen: 53.172 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

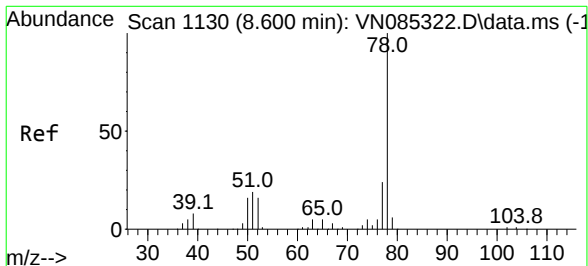
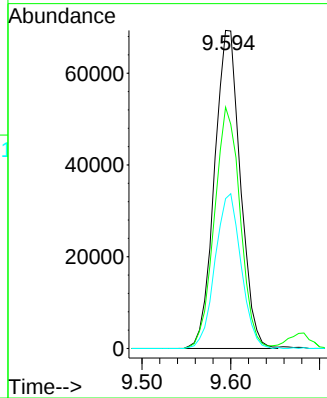
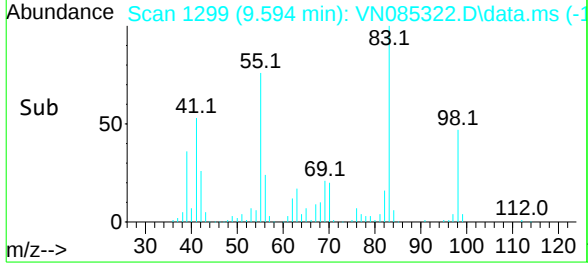
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 140293
Ion Ratio Lower Upper
83 100
55 75.9 60.7 91.1
98 47.1 37.7 56.5

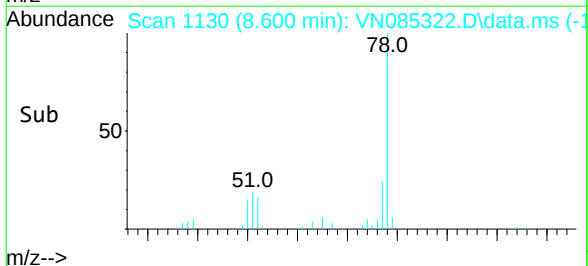
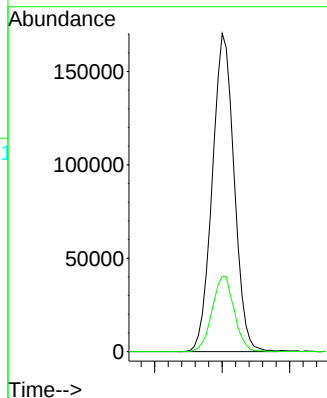
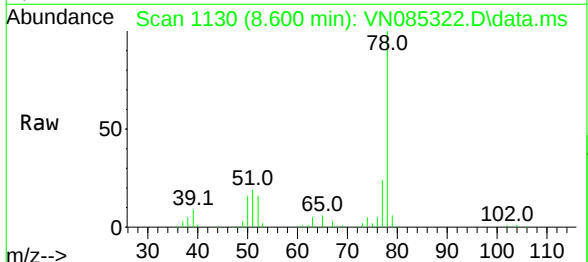
Manual Integrations
APPROVED

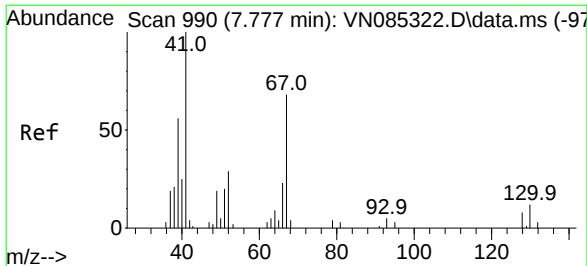
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#40
Benzene
Concen: 49.867 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 78 Resp: 383405
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4





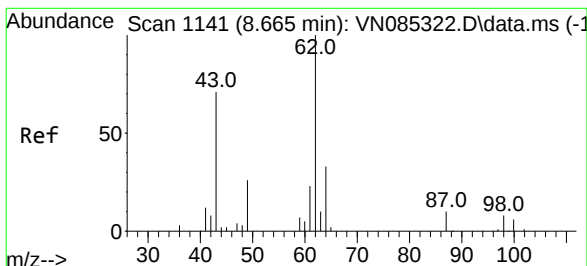
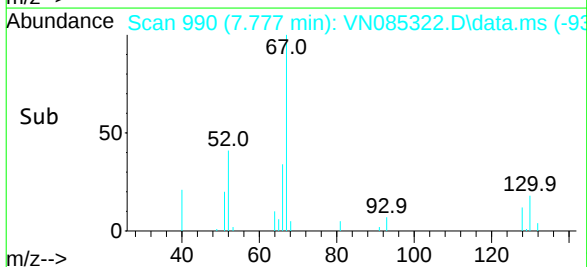
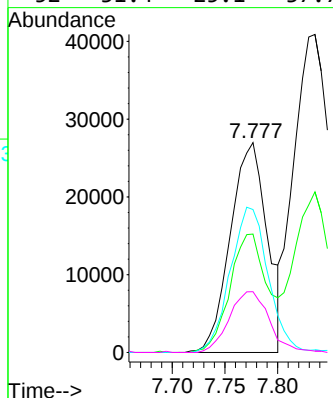
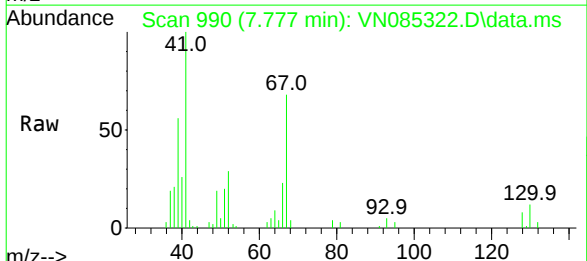
#41
Methacrylonitrile
Concen: 50.764 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	65714
Ion	Ratio	Lower	Upper
41	100		
39	57.3	45.8	68.8
67	71.4	57.1	85.7
52	31.4	25.1	37.7

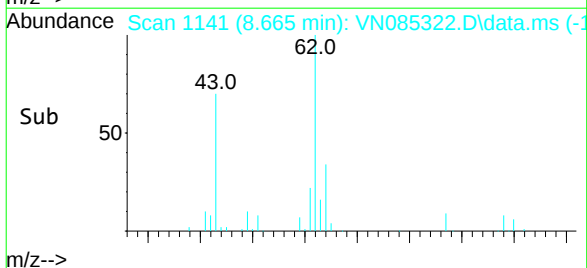
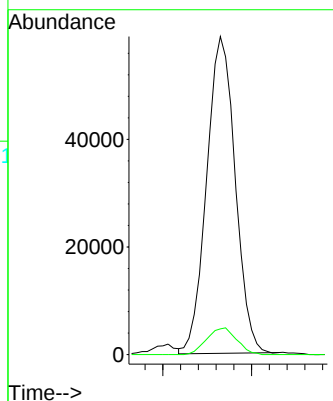
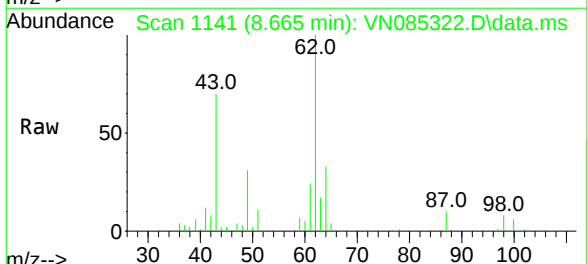
Manual Integrations
APPROVED

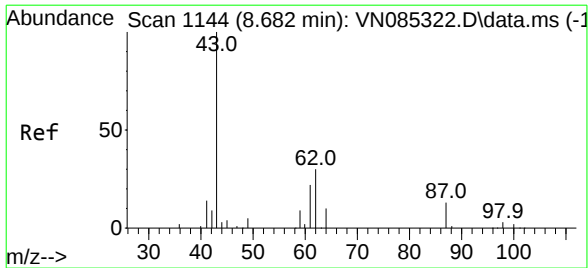
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#42
1,2-Dichloroethane
Concen: 47.766 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion:	62	Resp:	131673
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6





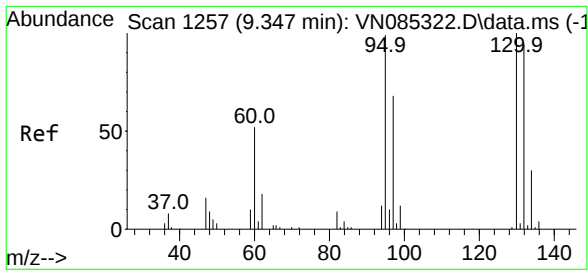
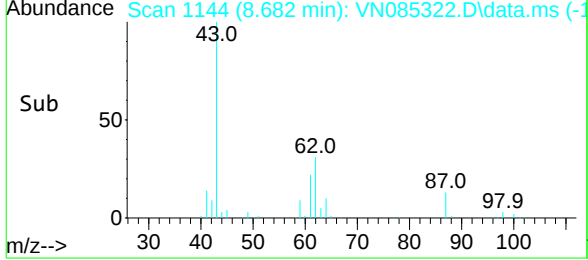
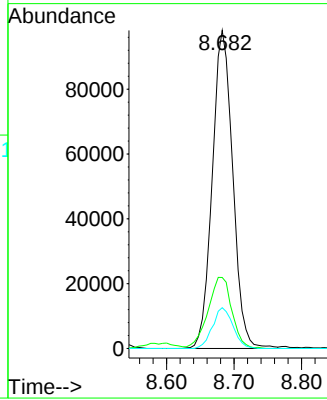
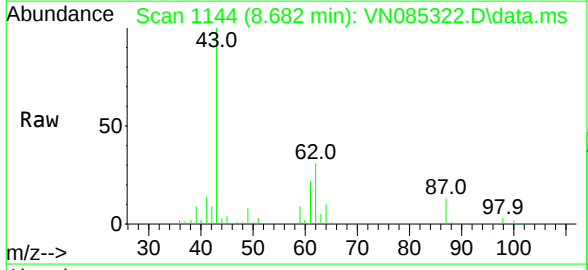
#43
Isopropyl Acetate
Concen: 49.811 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43	Resp: 207309
Ion Ratio	Lower Upper
43 100	
61 26.0	20.8 31.2
87 12.8	10.2 15.4

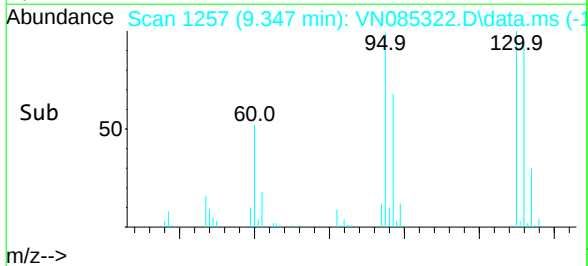
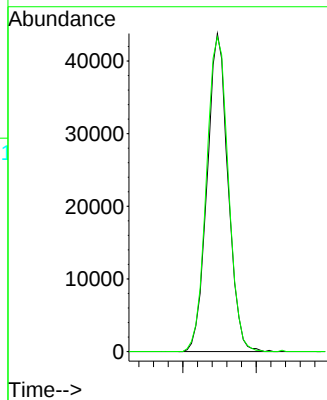
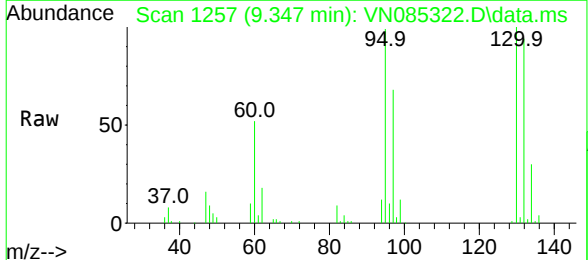
Manual Integrations
APPROVED

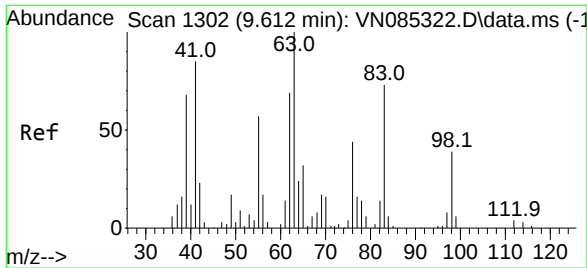
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#44
Trichloroethene
Concen: 47.578 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion:130	Resp: 86607
Ion Ratio	Lower Upper
130 100	
95 98.9	0.0 197.8





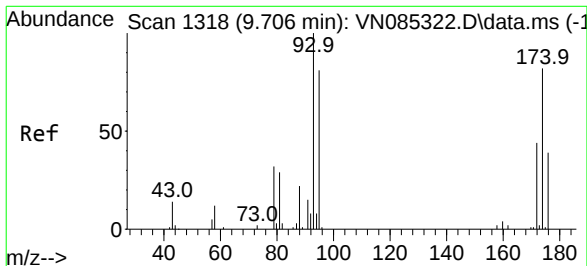
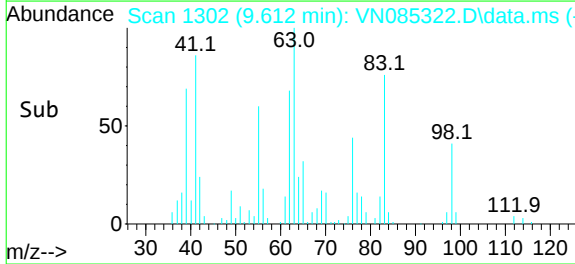
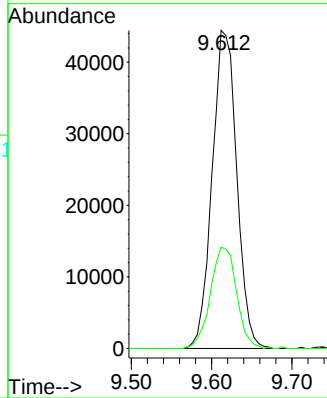
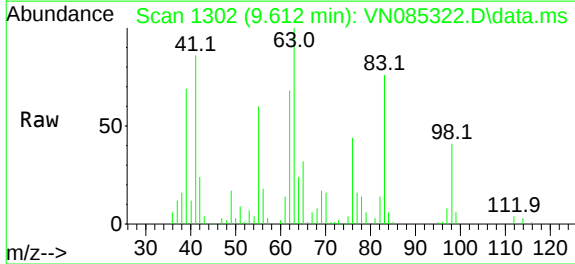
#45
1,2-Dichloropropane
Concen: 48.407 ug/l
RT: 9.612 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 94480
Ion Ratio Lower Upper
63 100
65 31.9 25.5 38.3

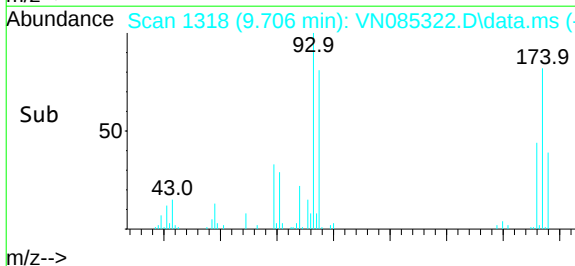
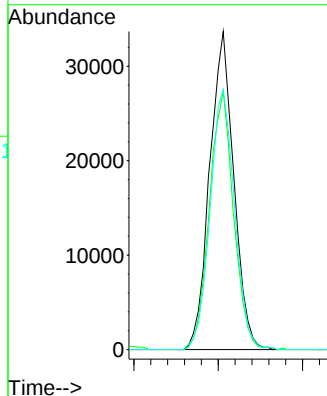
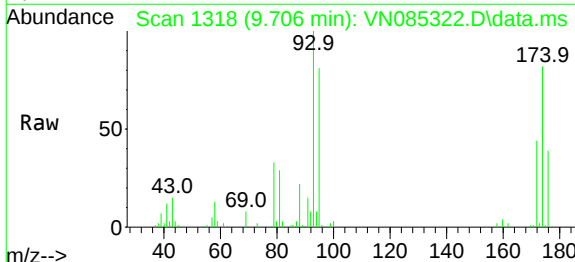
Manual Integrations
APPROVED

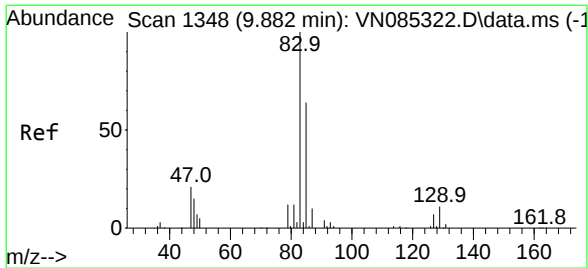
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#46
Dibromomethane
Concen: 49.281 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 93 Resp: 66895
Ion Ratio Lower Upper
93 100
95 81.6 65.3 97.9
174 83.0 66.4 99.6





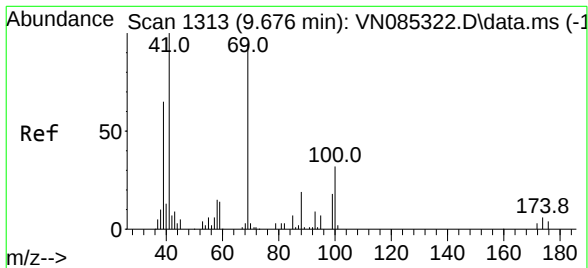
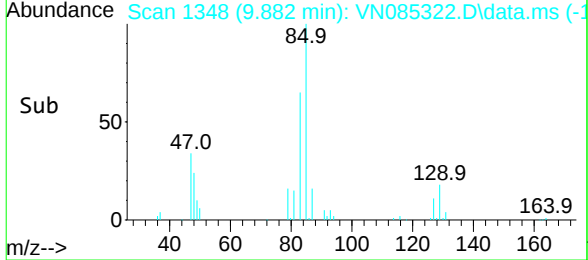
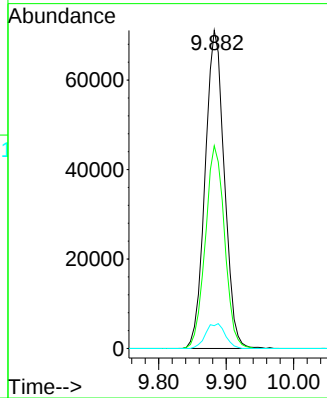
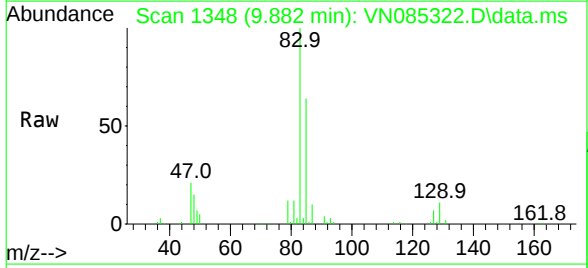
#47
Bromodichloromethane
Concen: 49.791 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 140475
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.4
127 7.2 5.8 8.6

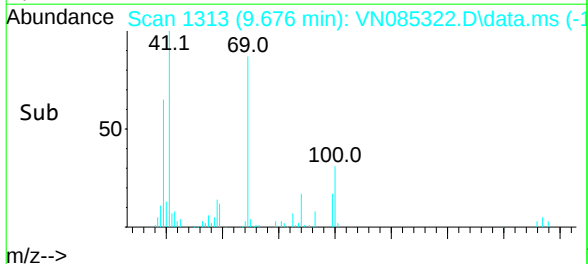
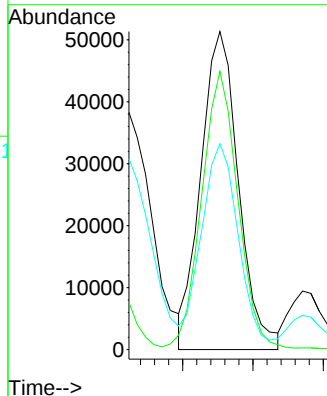
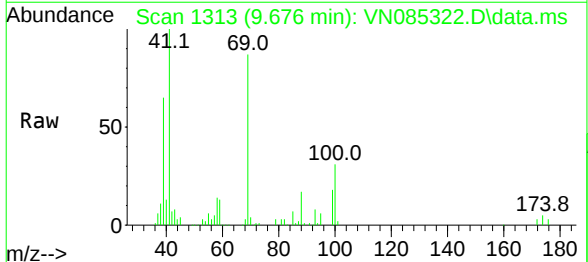
Manual Integrations
APPROVED

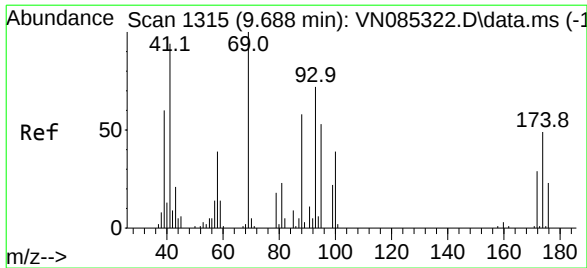
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#48
Methyl methacrylate
Concen: 52.885 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

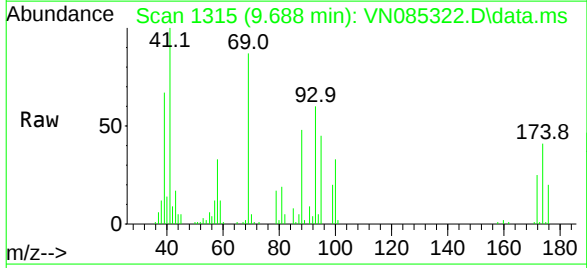
Tgt Ion: 41 Resp: 95506
Ion Ratio Lower Upper
41 100
69 84.6 67.7 101.5
39 64.0 51.2 76.8





#49
1,4-Dioxane
Concen: 1099.805 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

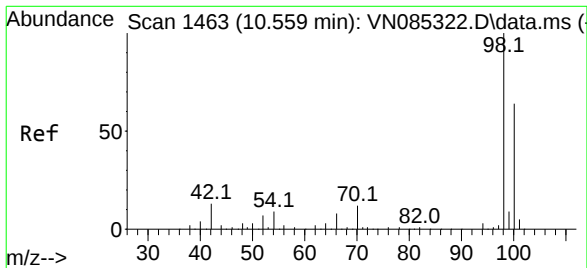
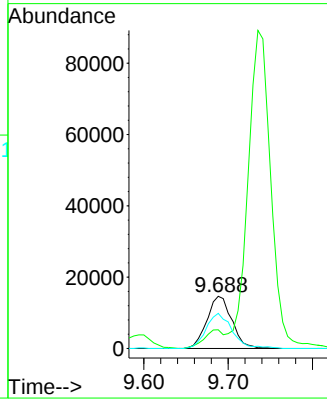
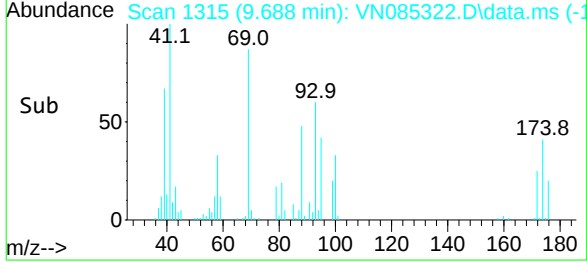
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 88 Resp: 29967
Ion Ratio Lower Upper
88 100
43 27.6 22.1 33.1
58 70.9 56.7 85.1

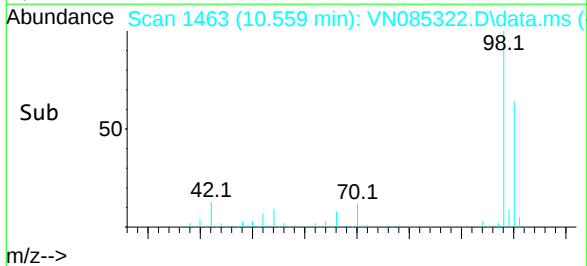
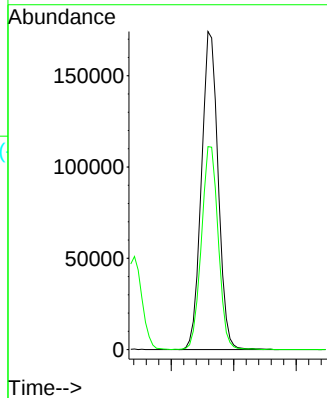
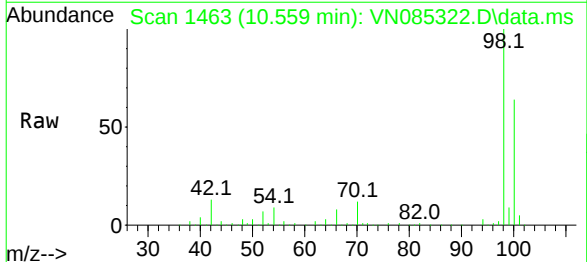
Manual Integrations
APPROVED

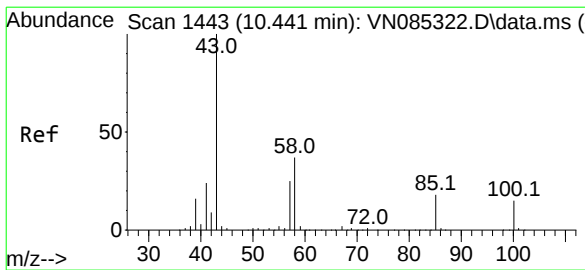
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#50
Toluene-d8
Concen: 50.695 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 98 Resp: 323100
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3





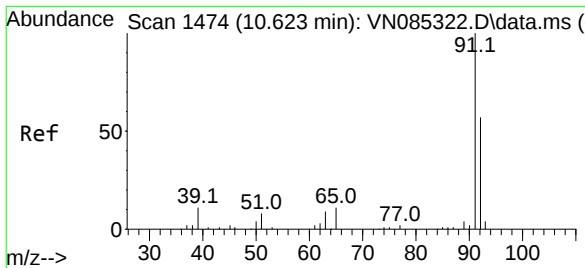
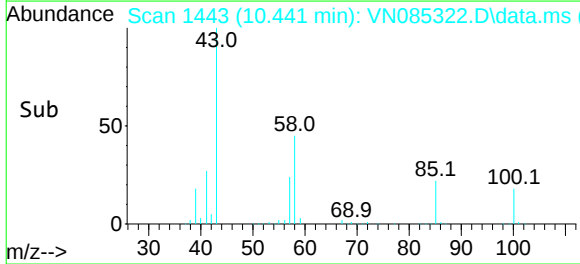
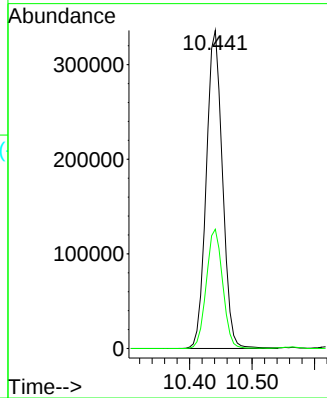
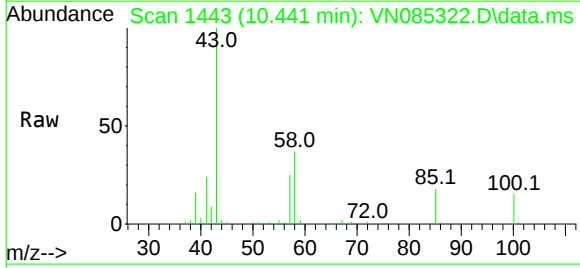
#51
4-Methyl-2-Pentanone
Concen: 258.422 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 604417
Ion Ratio Lower Upper
43 100
58 37.9 30.3 45.5

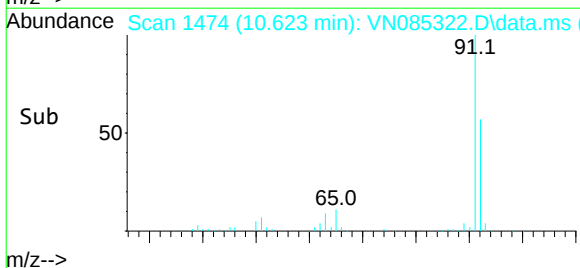
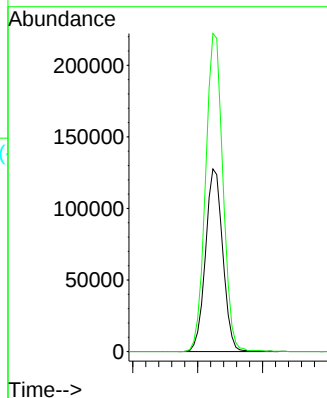
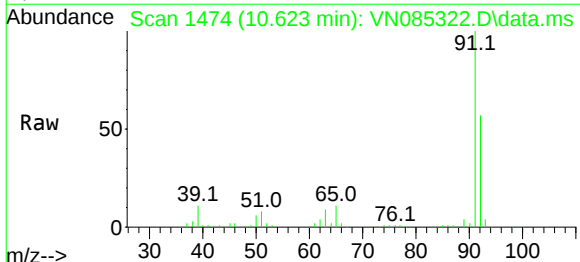
Manual Integrations
APPROVED

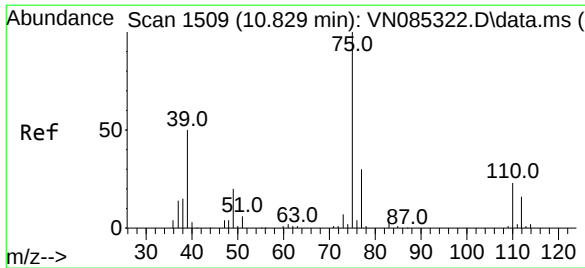
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#52
Toluene
Concen: 51.469 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

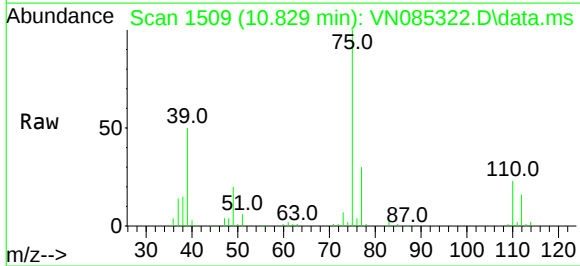
Tgt Ion: 92 Resp: 235625
Ion Ratio Lower Upper
92 100
91 175.3 140.2 210.4





#53
 t-1,3-Dichloropropene
 Concen: 53.087 ug/l
 RT: 10.829 min Scan# 1509
 Delta R.T. 0.000 min
 Lab File: VN085322.D
 Acq: 27 Dec 2024 10:50

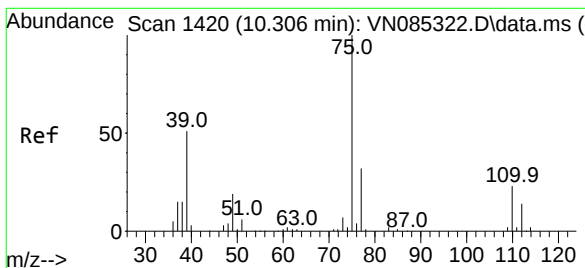
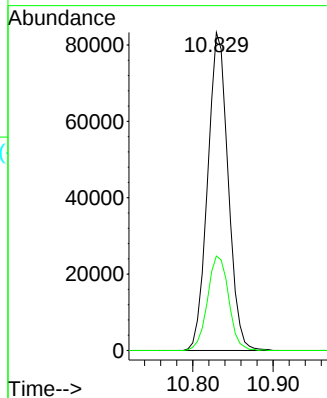
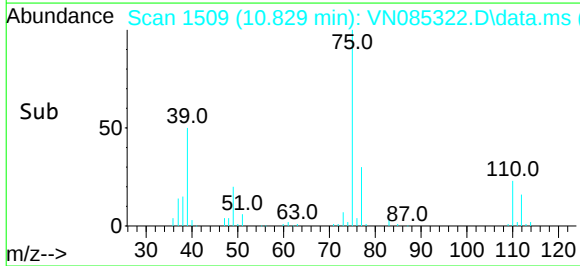
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



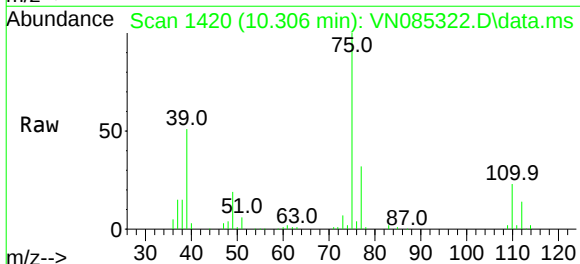
Tgt Ion: 75 Resp: 147289
 Ion Ratio Lower Upper
 75 100
 77 29.7 23.8 35.6

Manual Integrations
 APPROVED

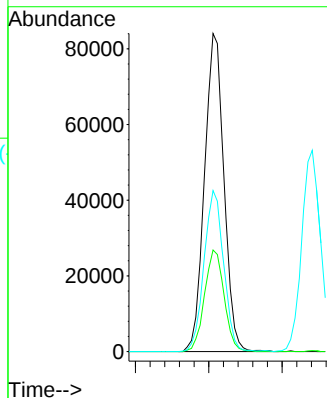
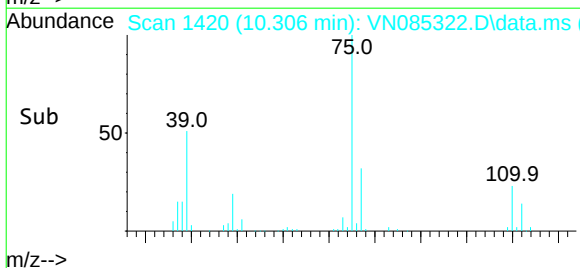
Reviewed By :John Carlone 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024

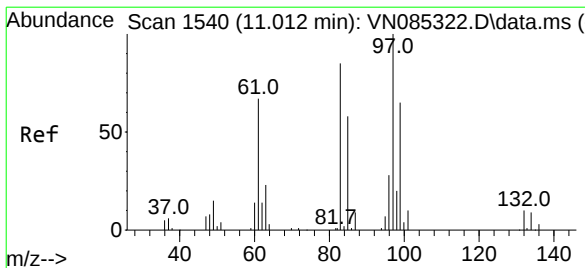


#54
 cis-1,3-Dichloropropene
 Concen: 51.536 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VN085322.D
 Acq: 27 Dec 2024 10:50



Tgt Ion: 75 Resp: 154618
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.5 38.3
 39 50.6 40.5 60.7





#55

1,1,2-Trichloroethane

Concen: 49.329 ug/l

RT: 11.012 min Scan# 15

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 85262

Ion Ratio Lower Upper

97 100

83 84.6 67.7 101.5

85 57.8 46.2 69.4

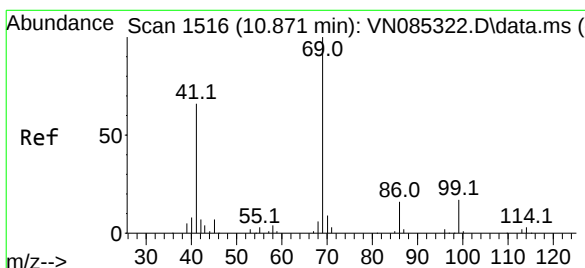
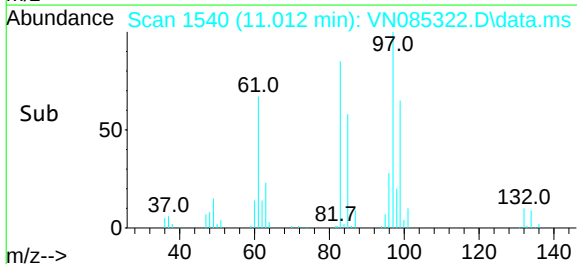
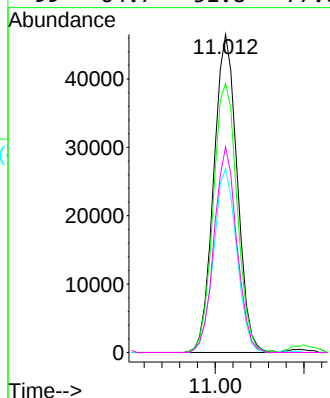
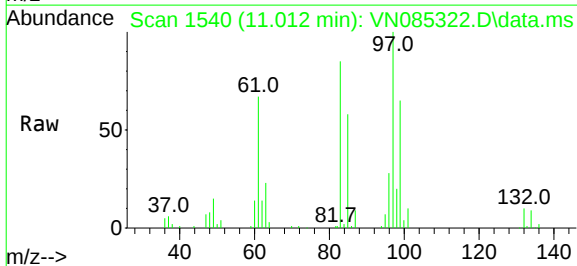
99 64.7 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#56

Ethyl methacrylate

Concen: 55.599 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

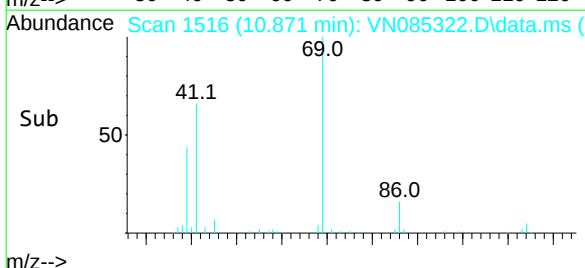
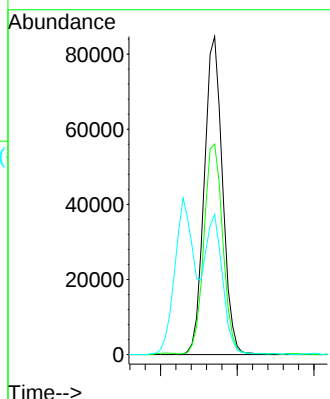
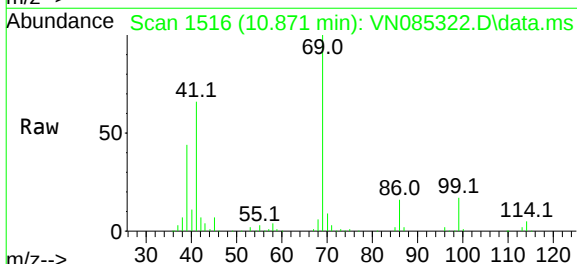
Tgt Ion: 69 Resp: 139960

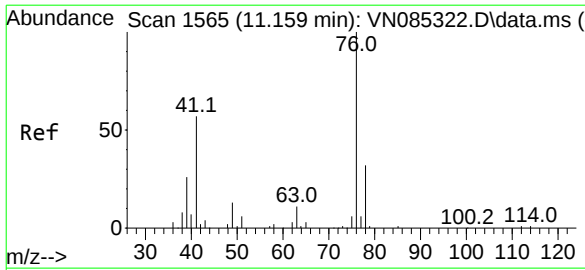
Ion Ratio Lower Upper

69 100

41 67.9 54.3 81.5

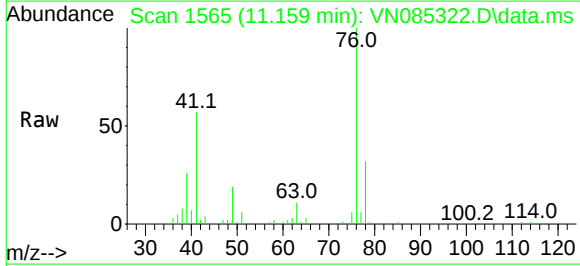
39 40.0 32.0 48.0





#57
1,3-Dichloropropane
Concen: 50.893 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

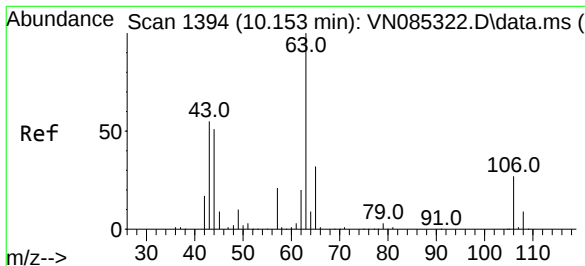
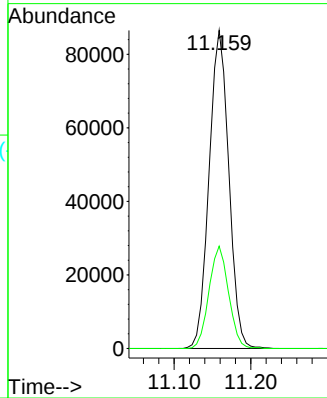
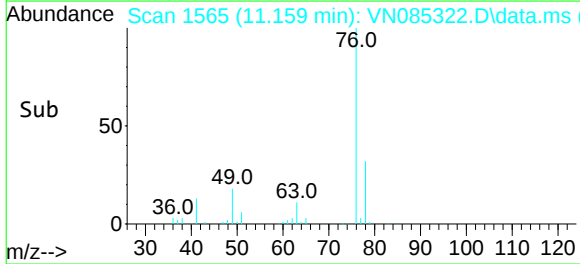
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 154391
Ion Ratio Lower Upper
76 100
78 31.9 25.5 38.3

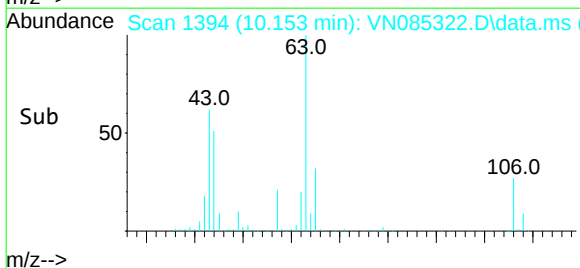
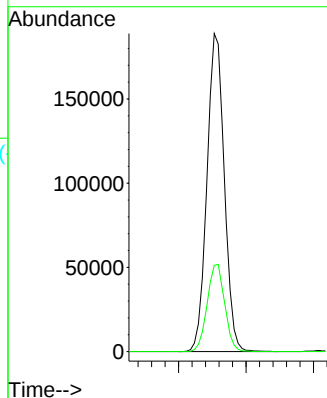
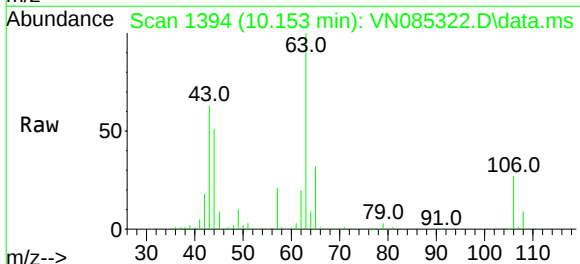
Manual Integrations
APPROVED

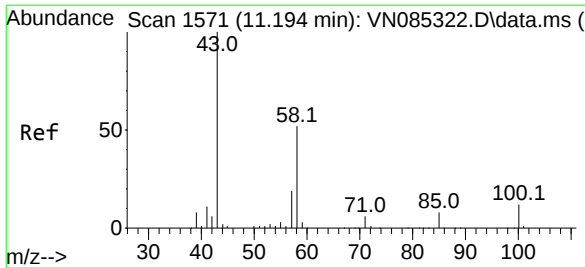
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#58
2-Chloroethyl Vinyl ether
Concen: 276.695 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 63 Resp: 336991
Ion Ratio Lower Upper
63 100
106 27.6 22.1 33.1





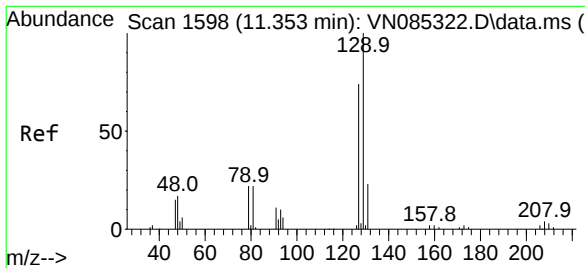
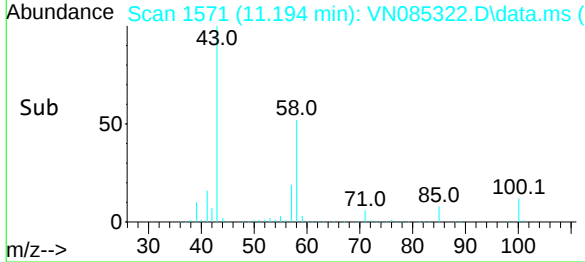
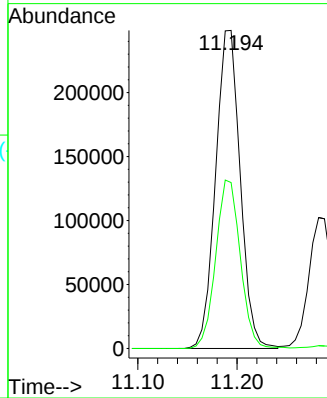
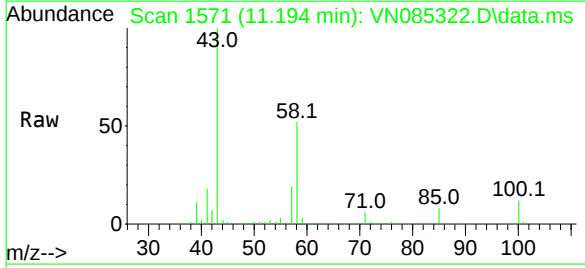
#59
2-Hexanone
Concen: 263.862 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 428174
Ion Ratio Lower Upper
43 100
58 53.0 26.5 79.5

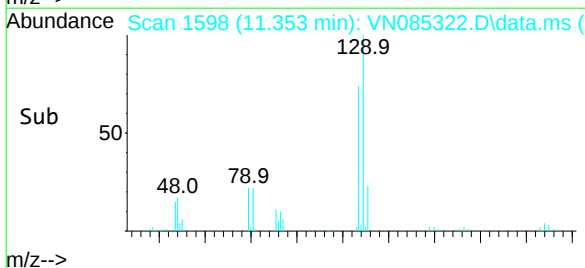
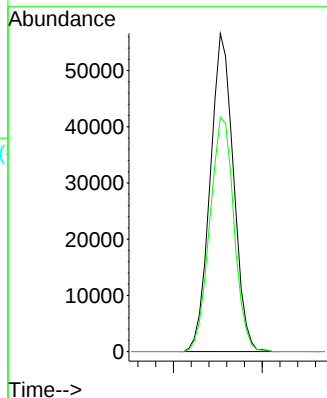
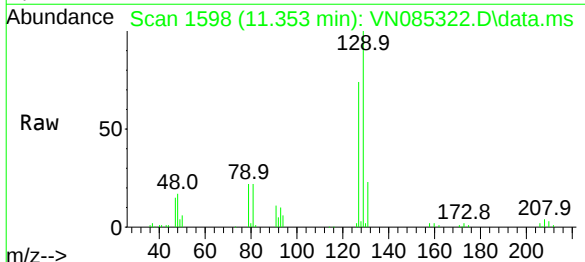
Manual Integrations
APPROVED

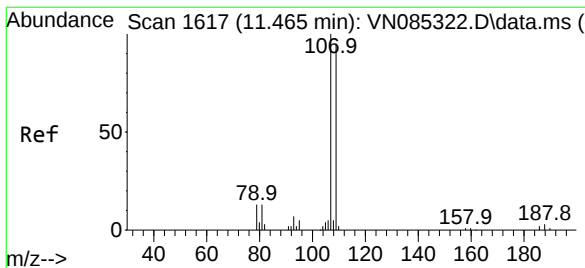
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#60
Dibromochloromethane
Concen: 52.999 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion:129 Resp: 103179
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9





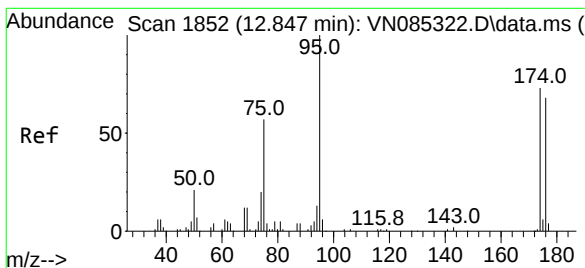
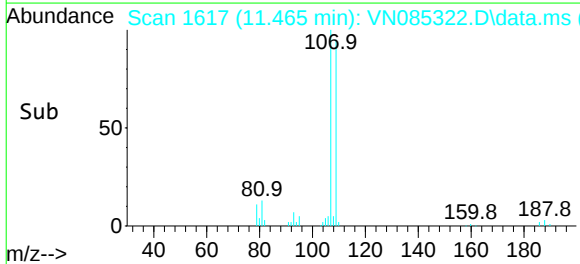
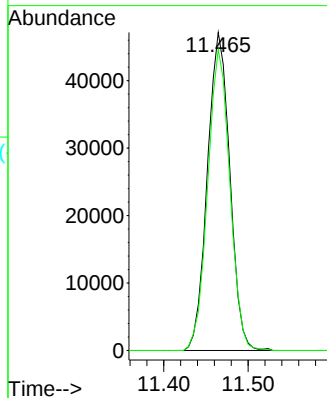
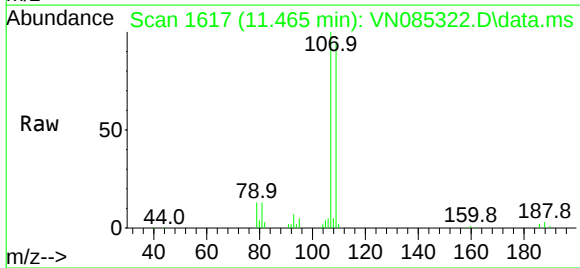
#61
1,2-Dibromoethane
Concen: 50.969 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 107 Resp: 87157
Ion Ratio Lower Upper
107 100
109 93.6 74.9 112.3

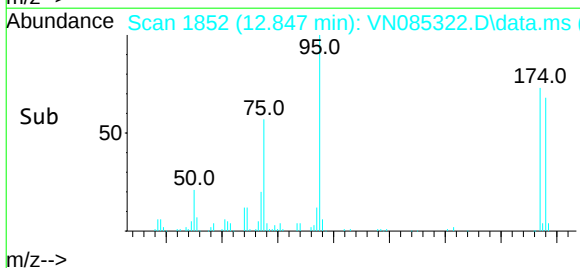
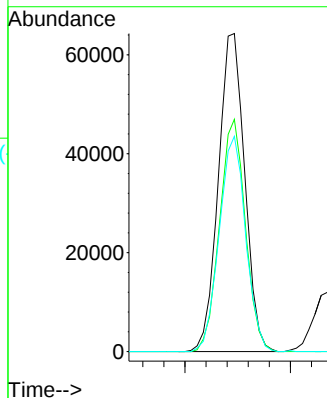
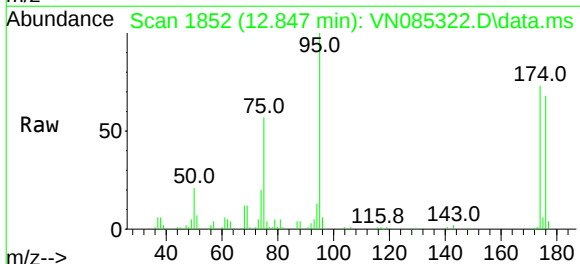
Manual Integrations
APPROVED

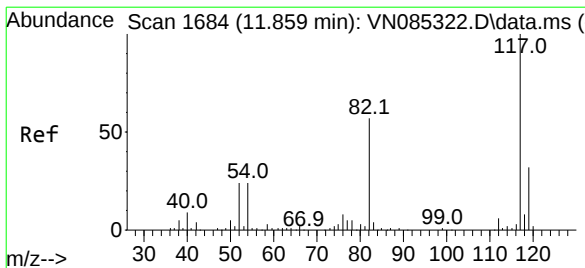
Reviewed By : John Carlone 12/30/2024
Supervised By : Mahesh Dadoda 12/30/2024



#62
4-Bromofluorobenzene
Concen: 52.700 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 95 Resp: 111548
Ion Ratio Lower Upper
95 100
174 71.6 0.0 143.2
176 67.9 0.0 135.8





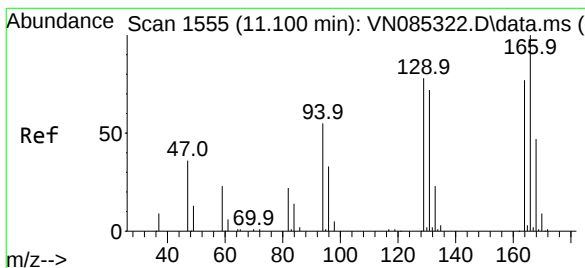
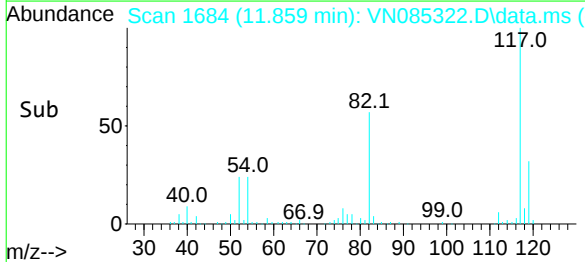
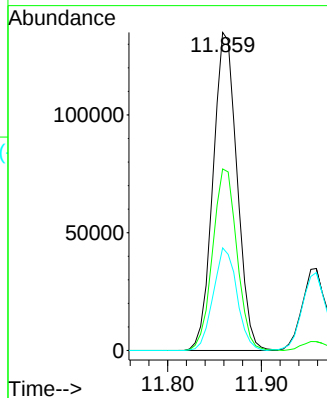
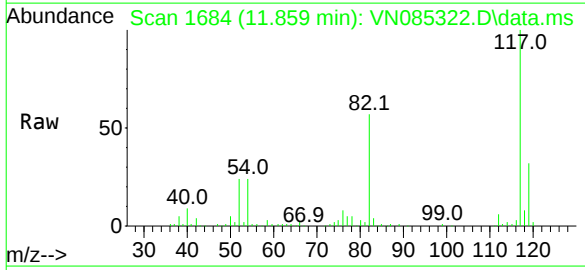
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 240680
Ion Ratio Lower Upper
117 100
82 57.1 45.7 68.5
119 32.3 25.8 38.8

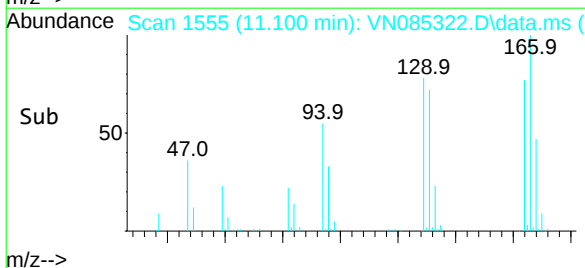
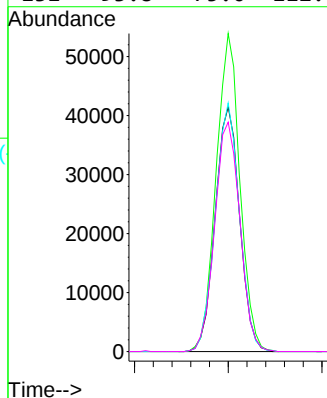
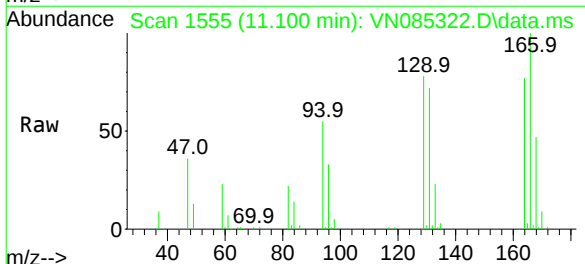
Manual Integrations
APPROVED

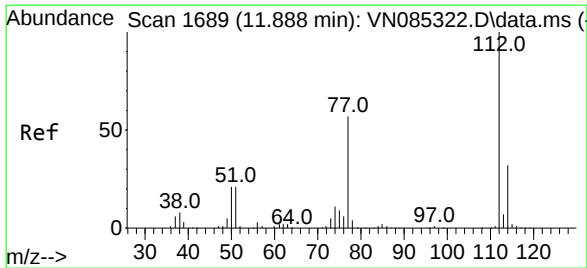
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#64
Tetrachloroethene
Concen: 49.270 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion:164 Resp: 75140
Ion Ratio Lower Upper
164 100
166 130.0 104.0 156.0
129 101.6 81.3 121.9
131 93.8 75.0 112.6





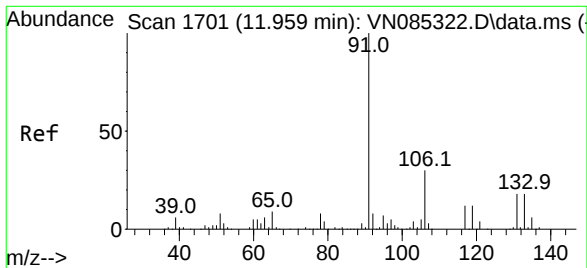
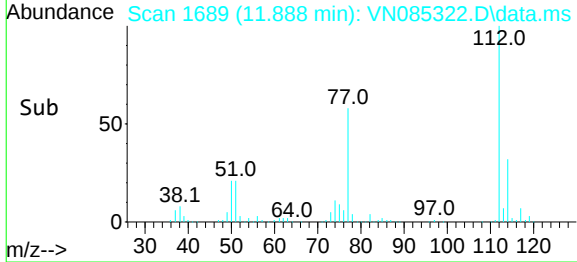
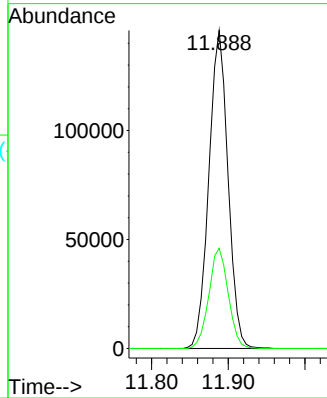
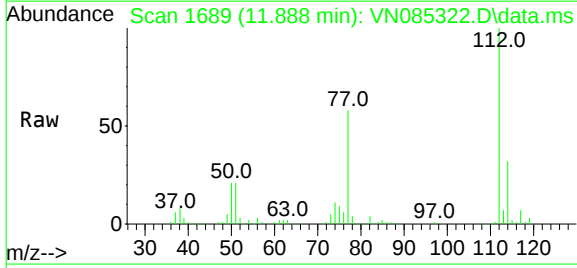
#65
Chlorobenzene
Concen: 48.550 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 252514
Ion Ratio Lower Upper
112 100
114 31.5 25.2 37.8

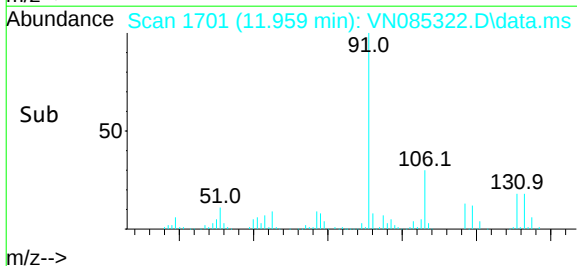
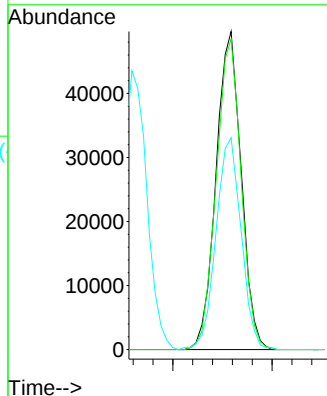
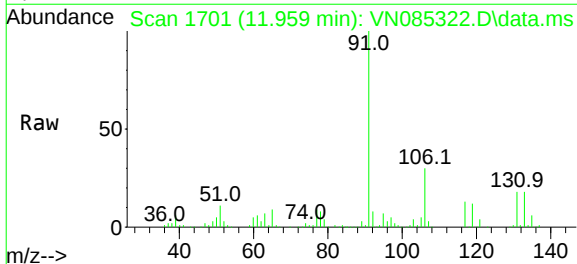
Manual Integrations
APPROVED

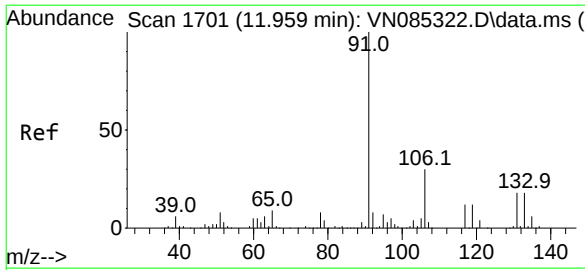
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 50.030 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion:131 Resp: 87333
Ion Ratio Lower Upper
131 100
133 96.6 48.3 144.9
119 66.7 33.4 100.1





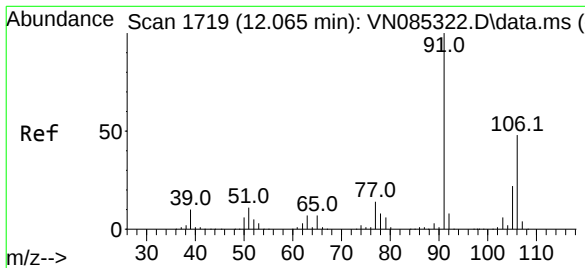
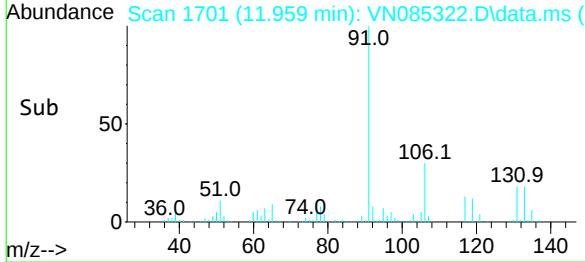
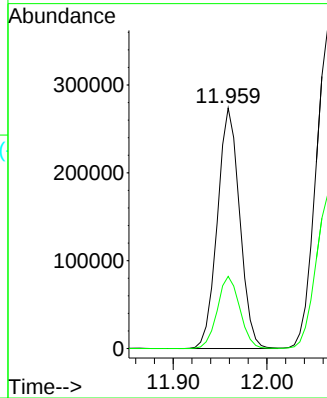
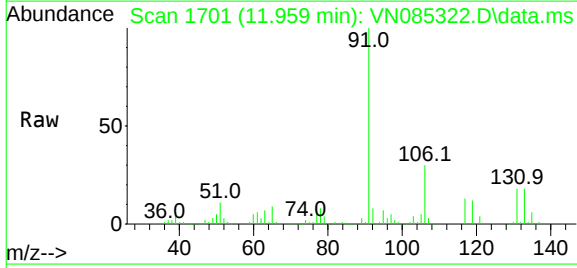
#67
Ethyl Benzene
Concen: 52.228 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 451752
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0

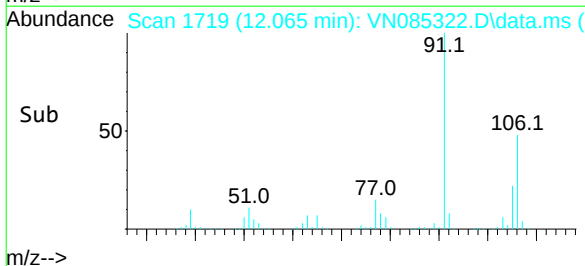
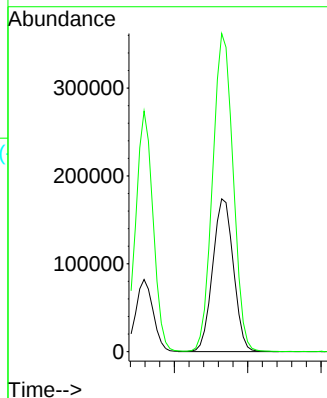
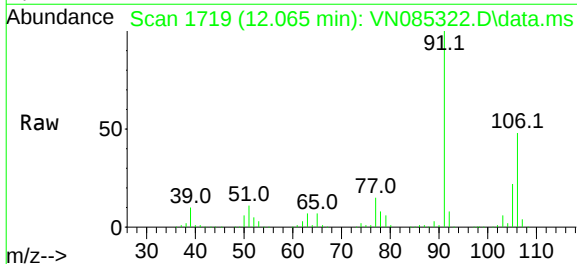
Manual Integrations
APPROVED

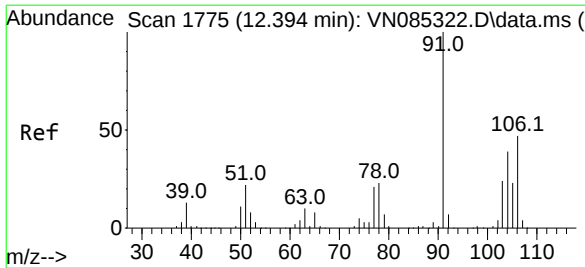
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#68
m/p-Xylenes
Concen: 107.860 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion:106 Resp: 341420
Ion Ratio Lower Upper
106 100
91 206.5 165.2 247.8





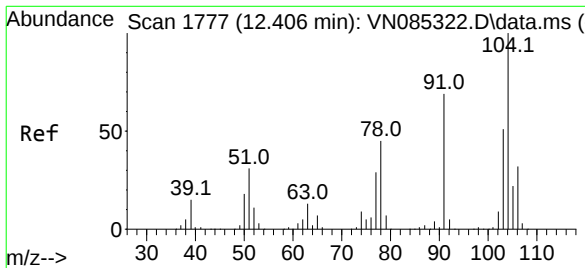
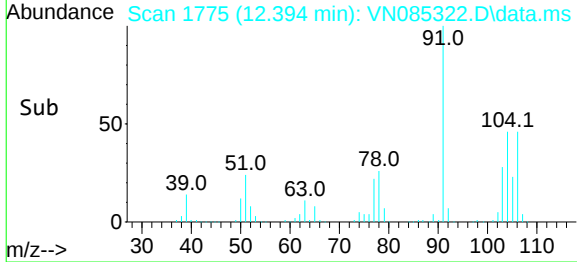
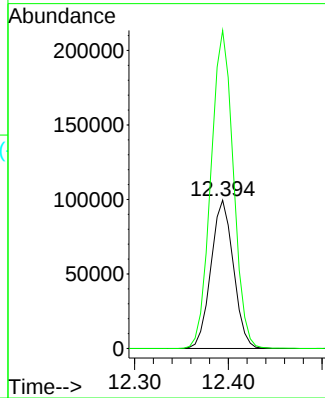
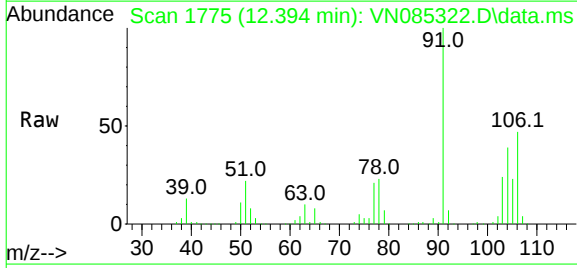
#69
o-Xylene
Concen: 54.121 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 165724
Ion Ratio Lower Upper
106 100
91 214.5 107.3 321.8

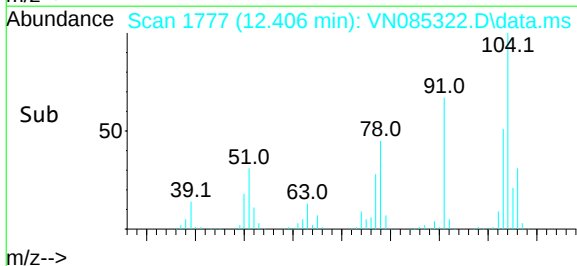
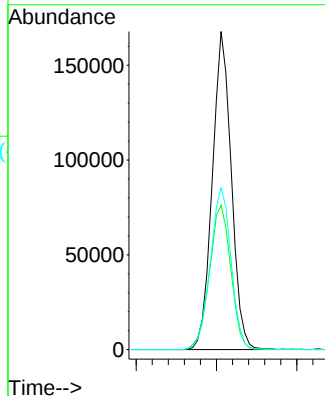
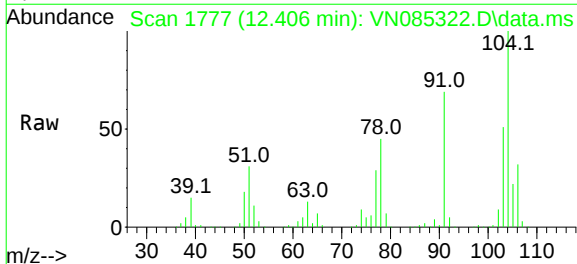
Manual Integrations
APPROVED

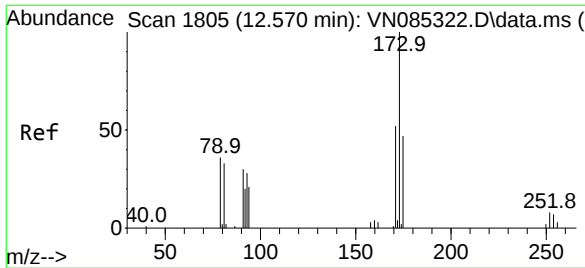
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#70
Styrene
Concen: 55.616 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion:104 Resp: 276012
Ion Ratio Lower Upper
104 100
78 50.9 40.7 61.1
103 55.1 44.1 66.1





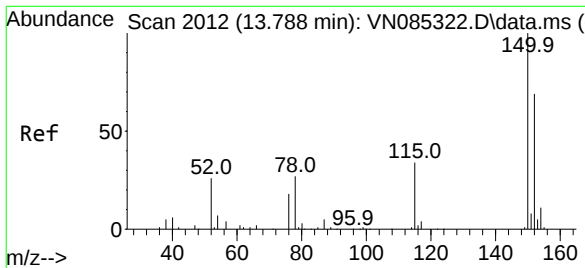
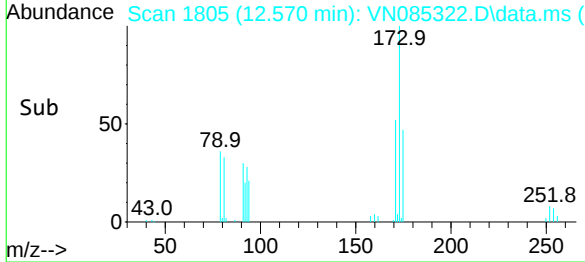
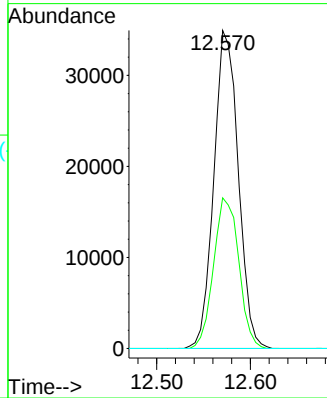
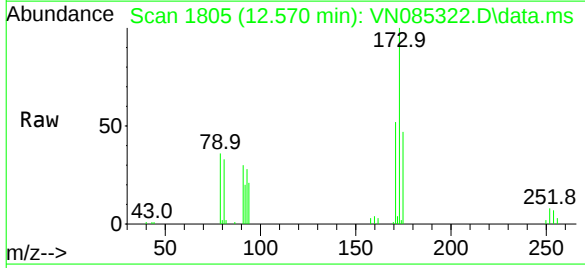
#71
Bromoform
Concen: 52.330 ug/l
RT: 12.570 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.4	73.4
254	0.0	0.0	0.0

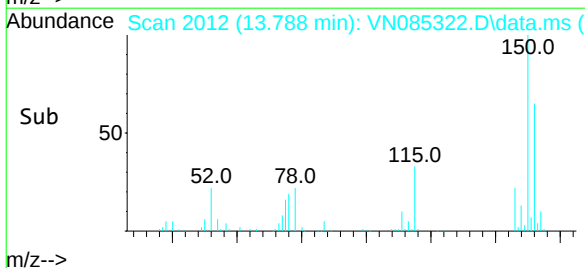
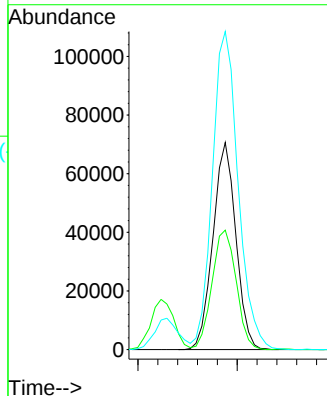
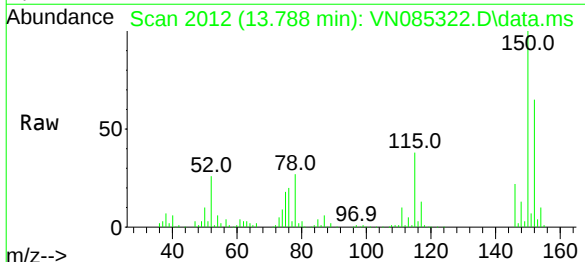
Manual Integrations
APPROVED

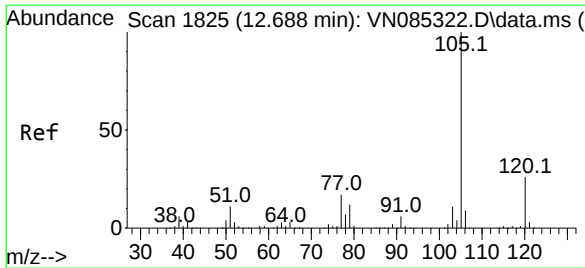
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	30.4	91.3
150	172.5	0.0	345.0





#73

Isopropylbenzene

Concen: 51.888 ug/l

RT: 12.688 min Scan# 1825

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 105 Resp: 423362

Ion Ratio Lower Upper

105 100

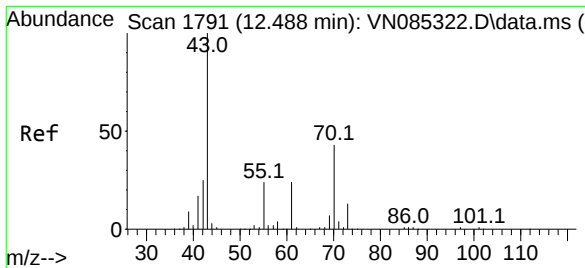
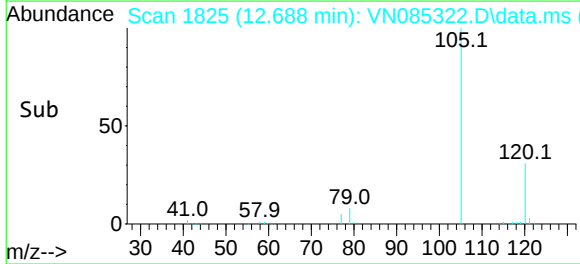
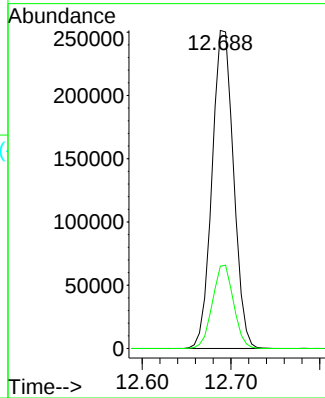
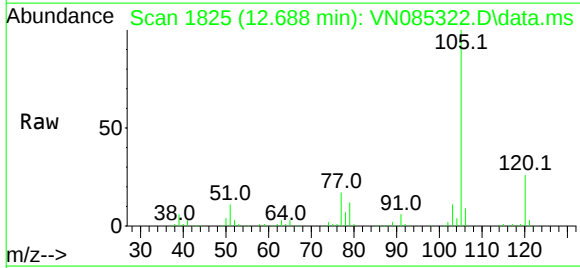
120 25.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#74

N-ethyl acetate

Concen: 52.669 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Tgt Ion: 43 Resp: 183943

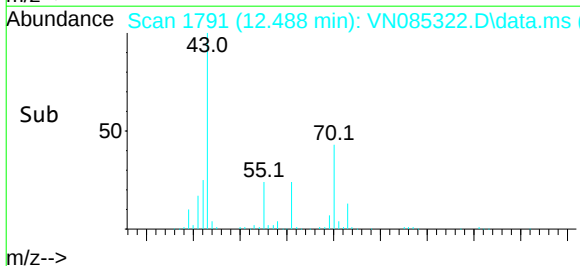
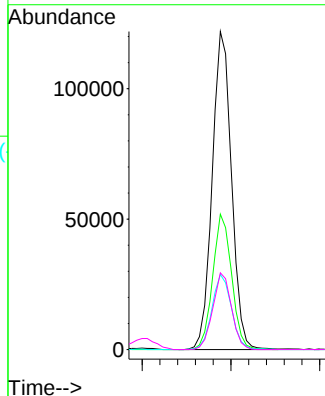
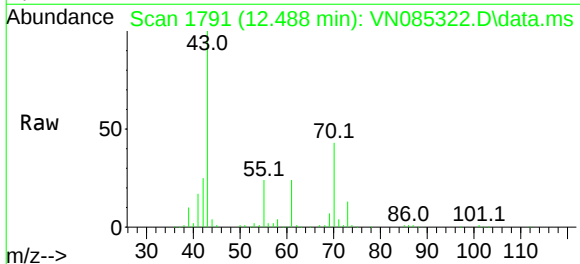
Ion Ratio Lower Upper

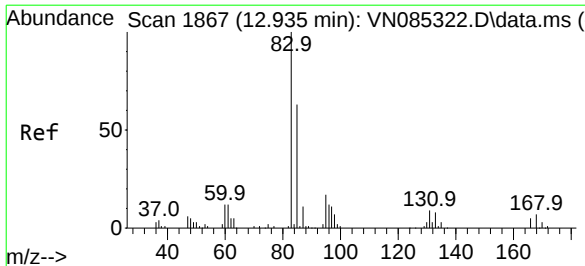
43 100

70 41.7 33.4 50.0

55 24.0 19.2 28.8

61 23.3 18.6 28.0





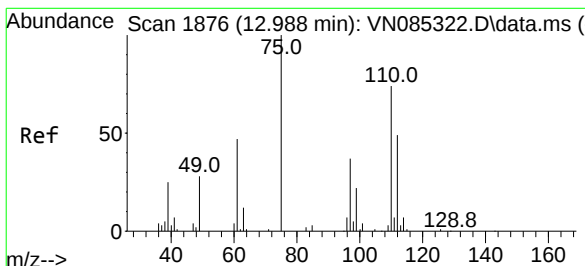
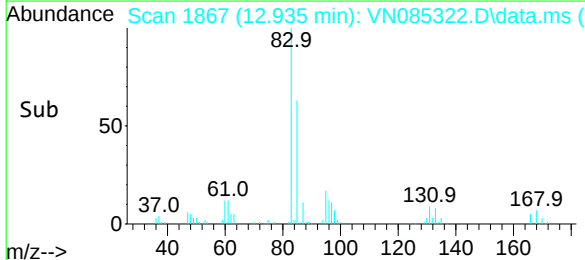
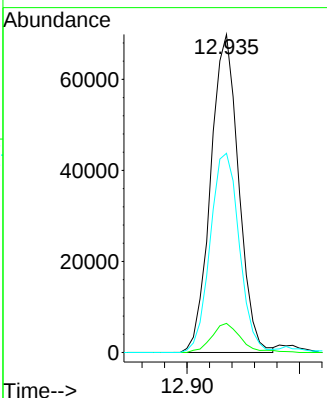
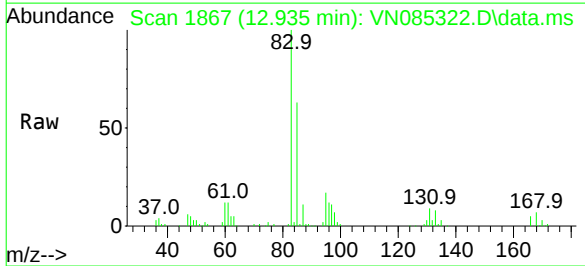
#75
1,1,2,2-Tetrachloroethane
Concen: 46.441 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 83	Resp: 120681
Ion Ratio	Lower Upper
83 100	
131 9.6	4.8 14.4
85 65.3	32.6 98.0

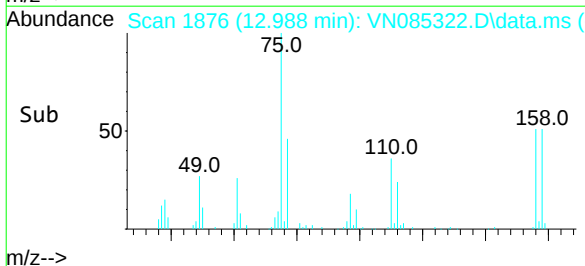
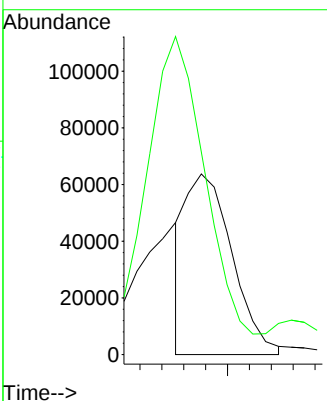
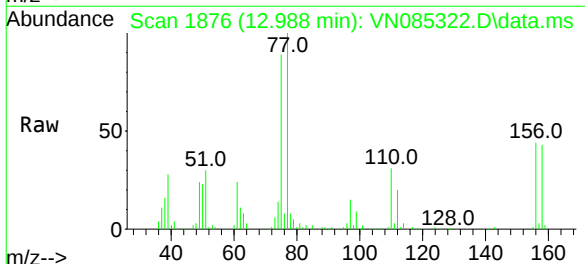
Manual Integrations
APPROVED

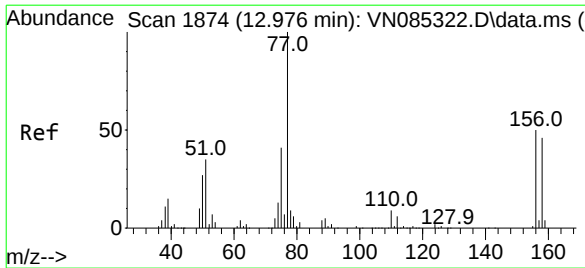
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#76
1,2,3-Trichloropropane
Concen: 43.170 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 75	Resp: 94097
Ion Ratio	Lower Upper
75 100	
77 230.5	98.1 294.3





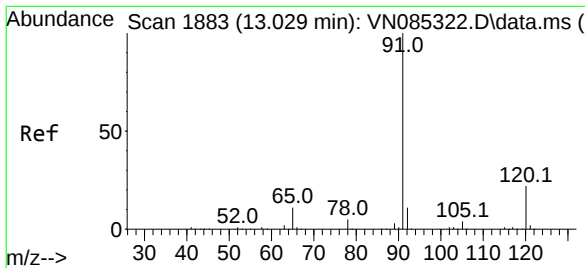
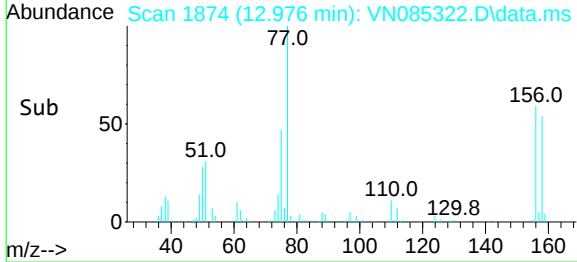
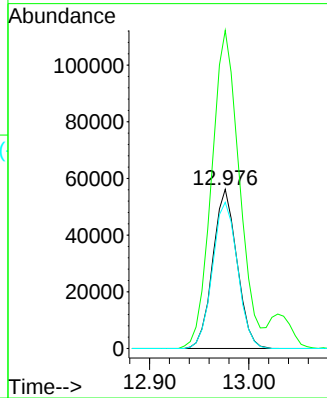
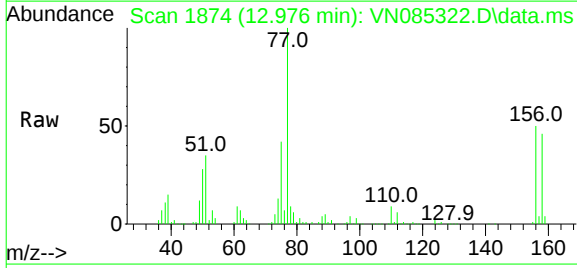
#77
Bromobenzene
Concen: 47.058 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 95126
Ion Ratio Lower Upper
156 100
77 228.0 114.0 342.0
158 95.2 47.6 142.8

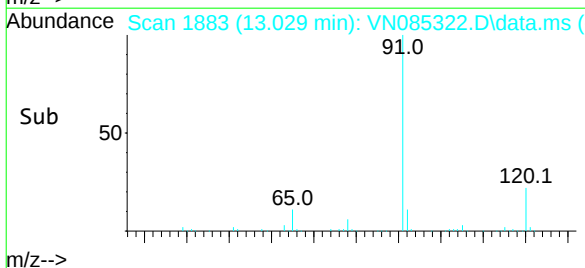
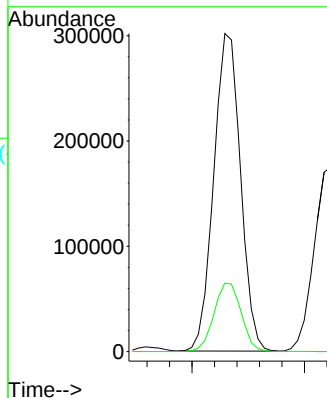
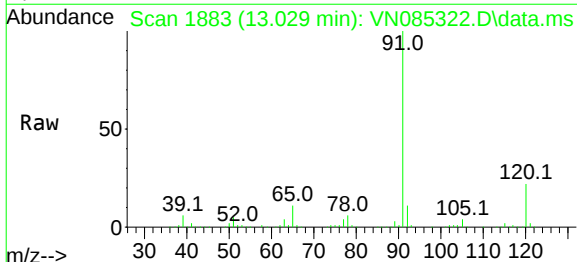
Manual Integrations
APPROVED

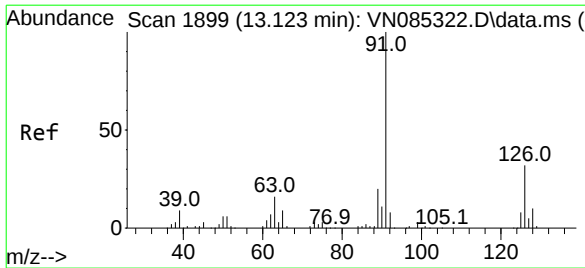
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#78
n-propylbenzene
Concen: 52.403 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 91 Resp: 498392
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.9





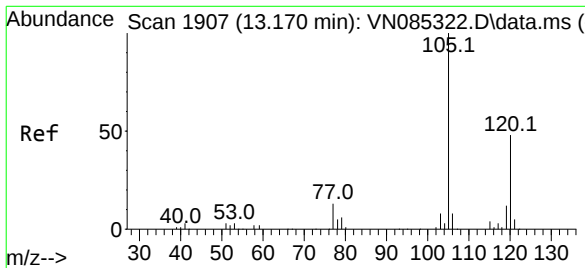
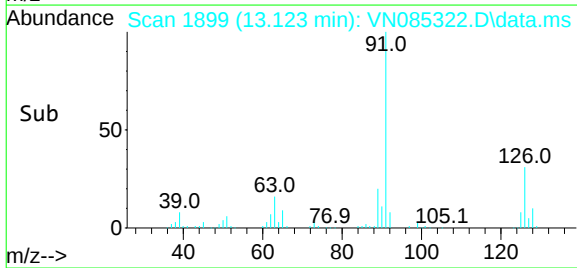
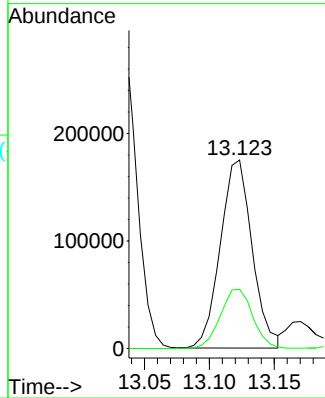
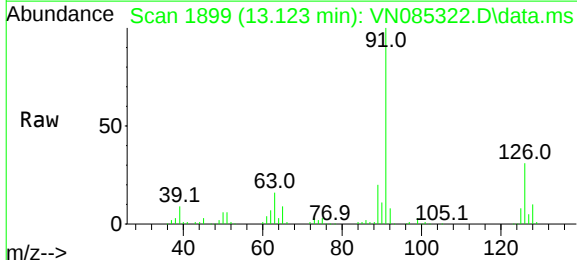
#79
2-Chlorotoluene
Concen: 49.970 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 299107
Ion Ratio Lower Upper
91 100
126 32.0 16.0 48.0

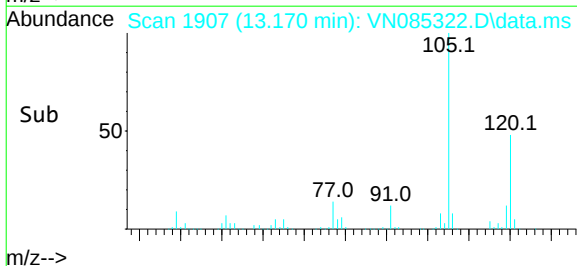
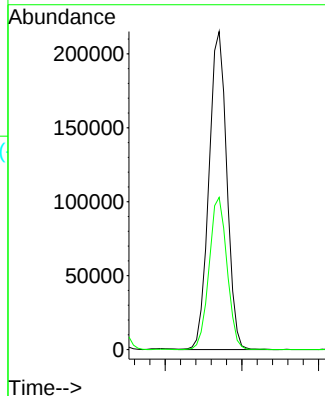
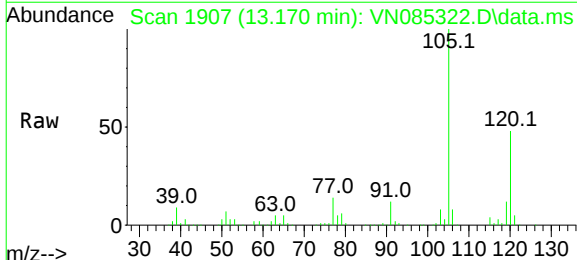
Manual Integrations
APPROVED

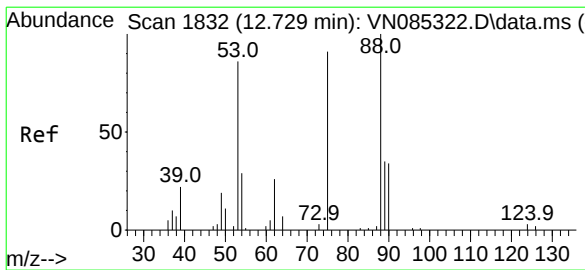
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#80
1,3,5-Trimethylbenzene
Concen: 52.709 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

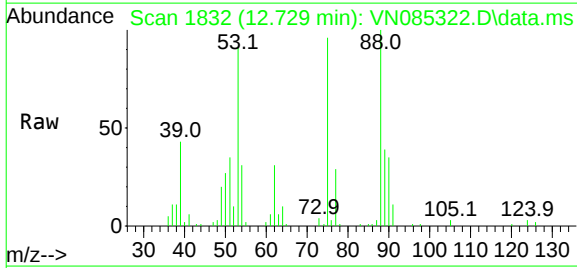
Tgt Ion:105 Resp: 347857
Ion Ratio Lower Upper
105 100
120 48.0 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 51.950 ug/l m
RT: 12.729 min Scan# 1832
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

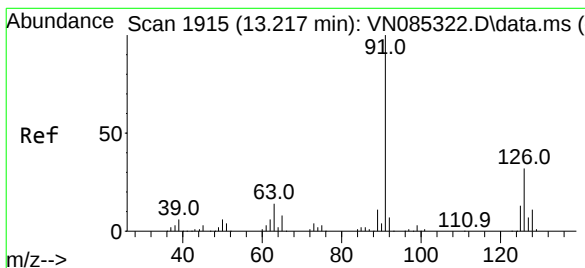
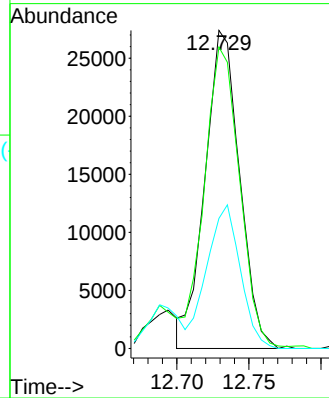
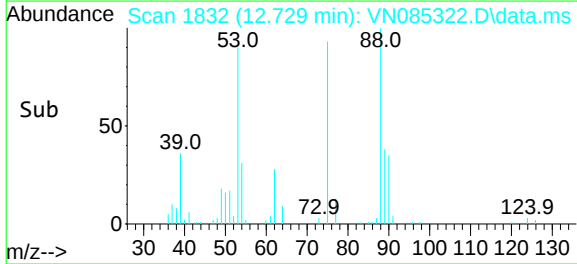
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 45749
Ion Ratio Lower Upper
75 100
53 97.7 80.0 120.0
89 43.8 35.8 53.8

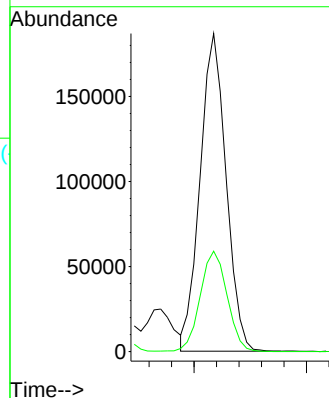
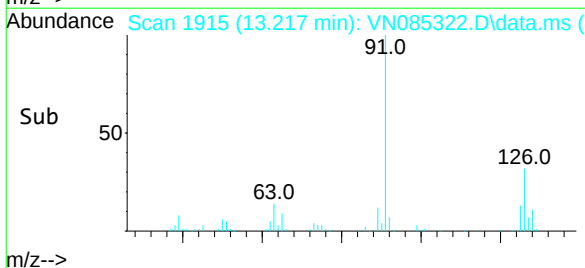
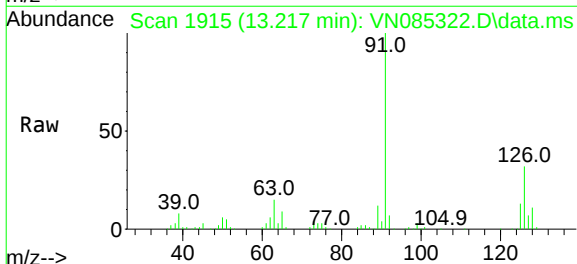
Manual Integrations
APPROVED

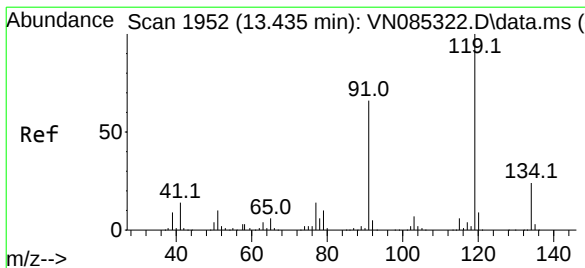
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#82
4-Chlorotoluene
Concen: 49.717 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion: 91 Resp: 299712
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4





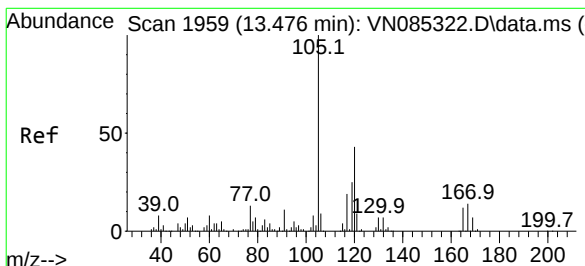
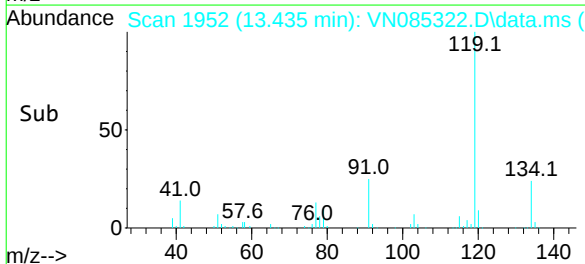
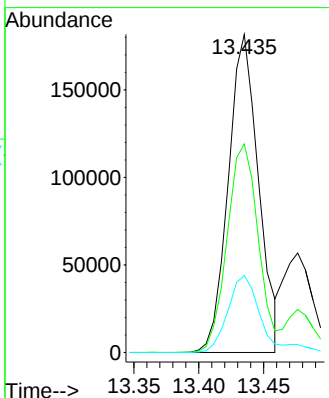
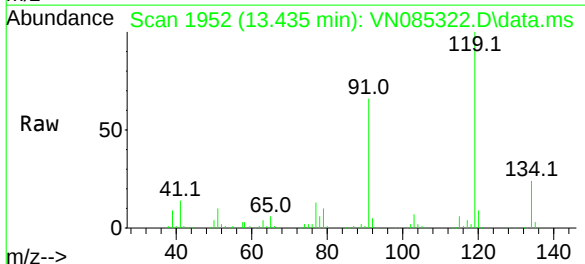
#83
tert-Butylbenzene
Concen: 51.541 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 294653
Ion Ratio Lower Upper
119 100
91 67.2 33.6 100.8
134 26.5 13.3 39.8

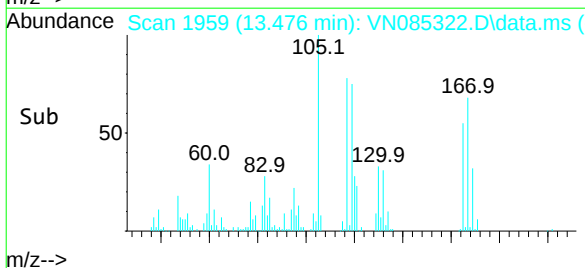
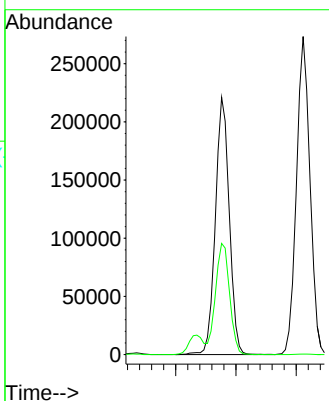
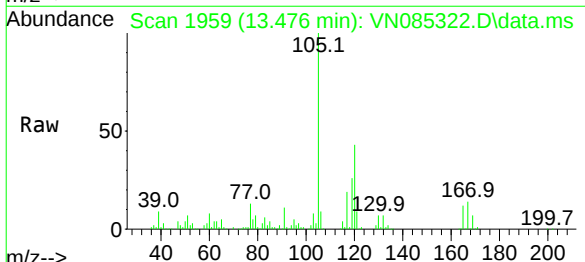
Manual Integrations
APPROVED

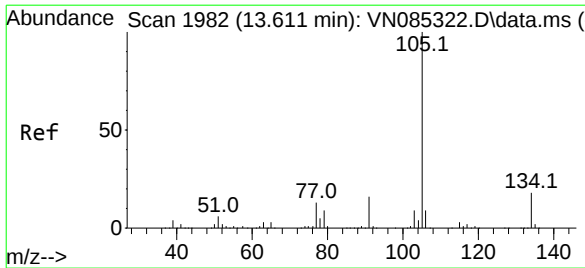
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#84
1,2,4-Trimethylbenzene
Concen: 53.875 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion:105 Resp: 354037
Ion Ratio Lower Upper
105 100
120 43.4 21.7 65.1





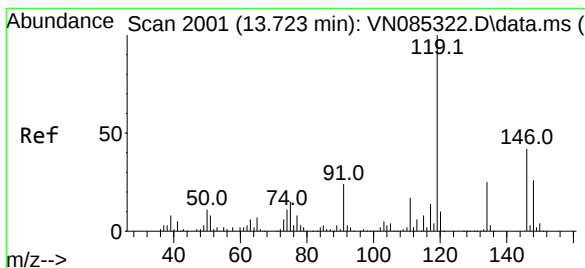
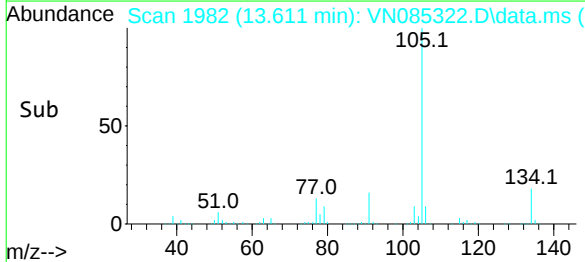
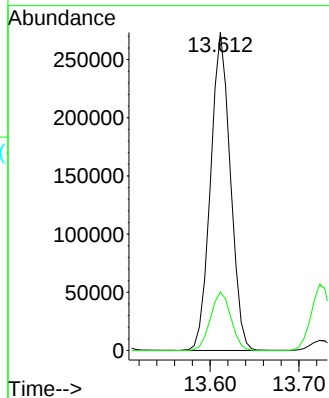
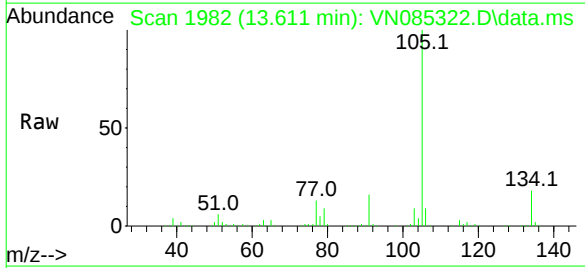
#85
sec-Butylbenzene
Concen: 53.476 ug/l
RT: 13.611 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 424353
Ion Ratio Lower Upper
105 100
134 18.9 9.4 28.3

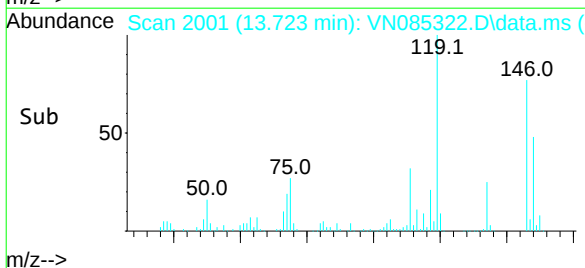
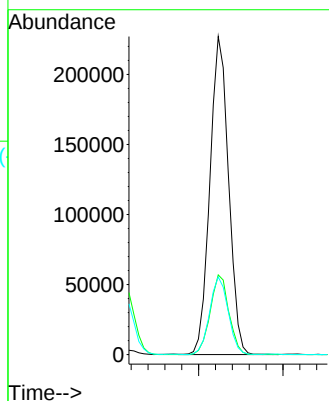
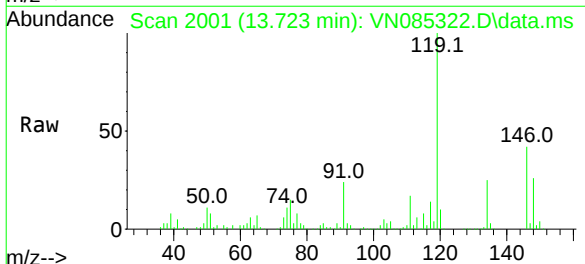
Manual Integrations
APPROVED

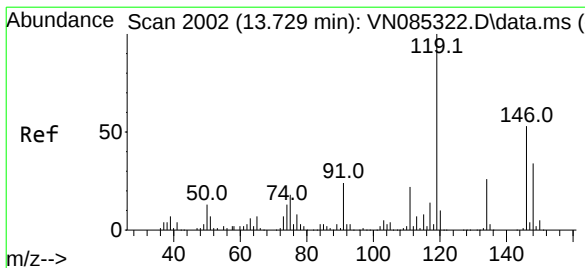
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#86
p-Isopropyltoluene
Concen: 49.276 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion:119 Resp: 349527
Ion Ratio Lower Upper
119 100
134 25.0 12.5 37.5
91 24.3 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 48.928 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

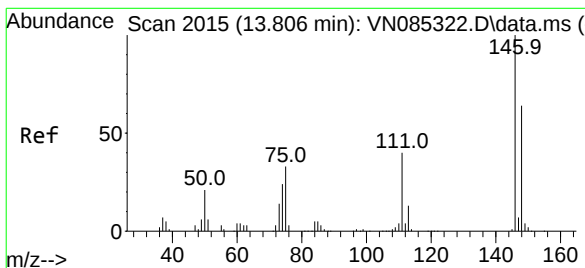
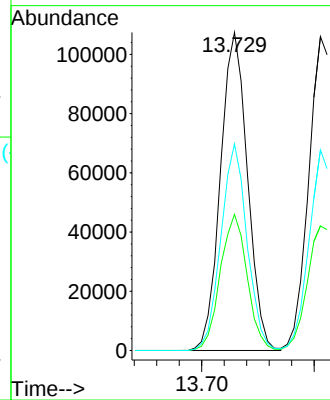
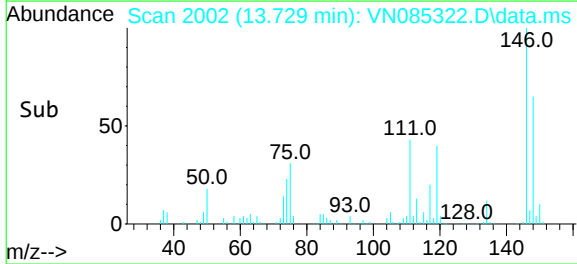
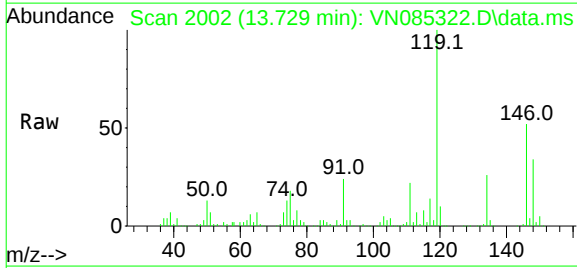
Tgt Ion:	146	Resp:	179301
Ion Ratio	Lower	Upper	
146	100		
111	42.6	21.3	63.9
148	63.0	31.5	94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#88

1,4-Dichlorobenzene

Concen: 47.253 ug/l

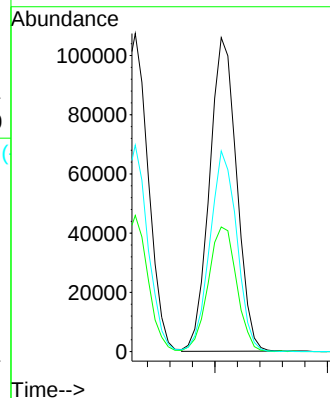
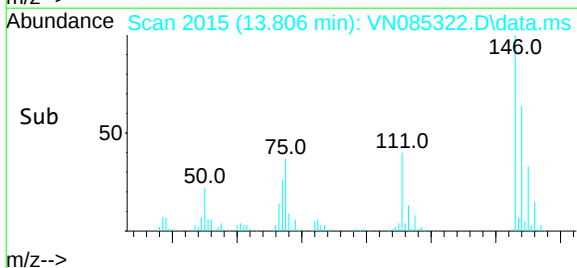
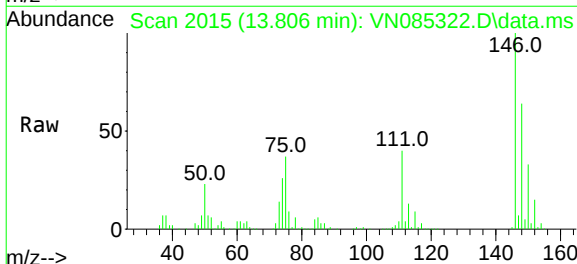
RT: 13.806 min Scan# 2015

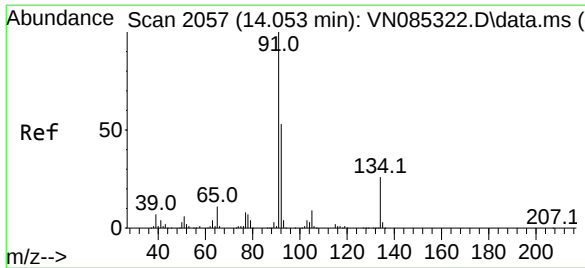
Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Tgt Ion:	146	Resp:	177873
Ion Ratio	Lower	Upper	
146	100		
111	41.7	20.8	62.5
148	63.4	31.7	95.1





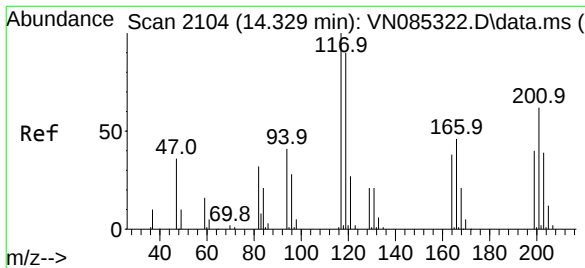
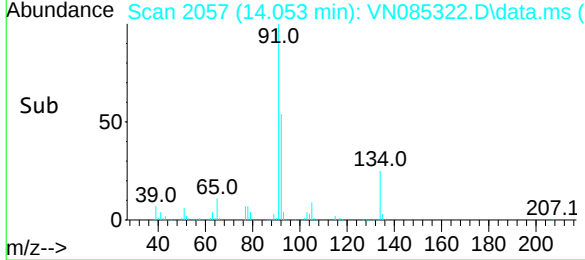
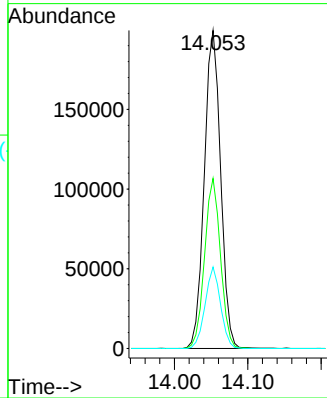
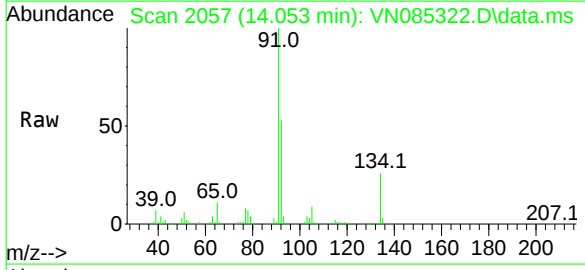
#89
n-Butylbenzene
Concen: 53.178 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 309010
Ion Ratio Lower Upper
91 100
92 52.0 26.0 78.0
134 24.2 12.1 36.3

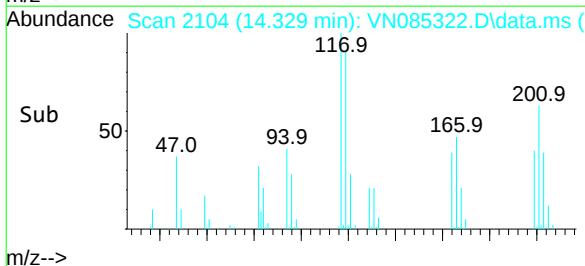
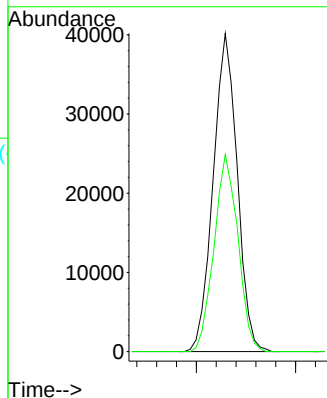
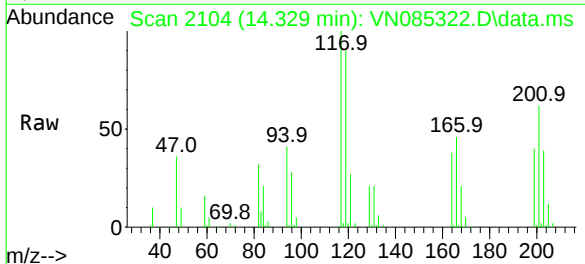
Manual Integrations
APPROVED

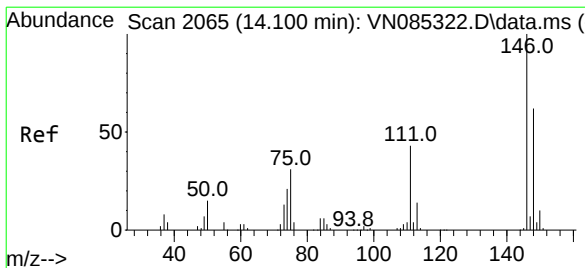
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#90
Hexachloroethane
Concen: 51.976 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085322.D
Acq: 27 Dec 2024 10:50

Tgt Ion:117 Resp: 67607
Ion Ratio Lower Upper
117 100
201 61.4 30.7 92.1





#91

1,2-Dichlorobenzene

Concen: 49.173 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

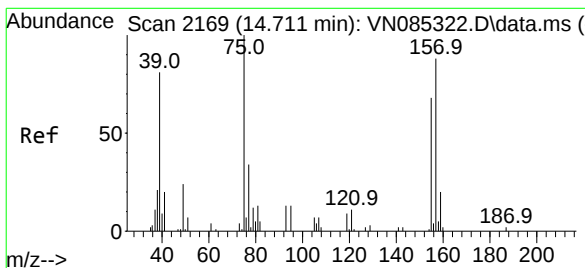
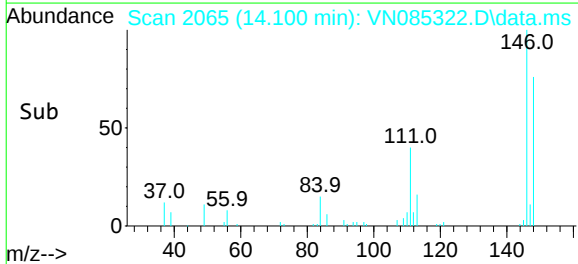
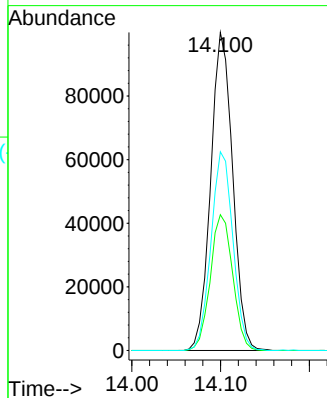
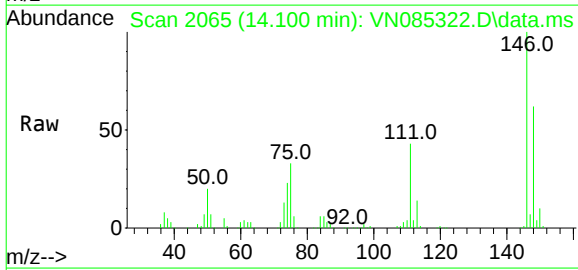
Tgt Ion:	146	Resp:	171657
Ion Ratio	Lower	Upper	
146	100		
111	43.5	21.8	65.3
148	62.8	31.4	94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.627 ug/l

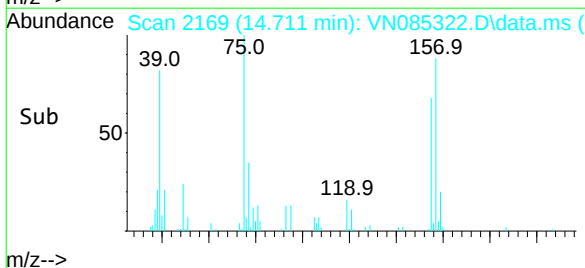
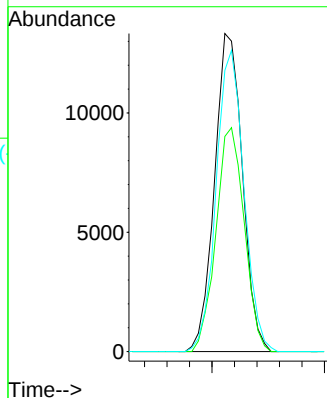
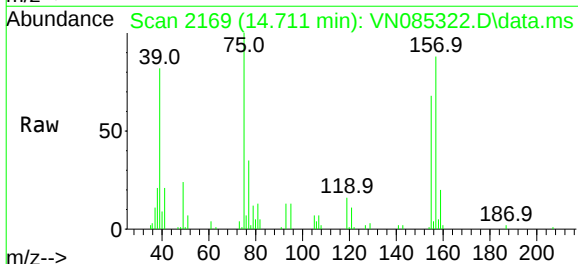
RT: 14.711 min Scan# 2169

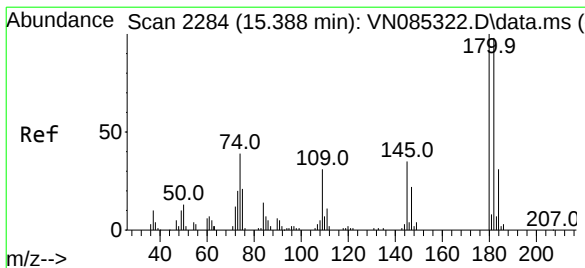
Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Tgt Ion:	75	Resp:	22952
Ion Ratio	Lower	Upper	
75	100		
155	71.3	35.6	106.9
157	94.0	47.0	141.0





#93

1,2,4-Trichlorobenzene

Concen: 49.570 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

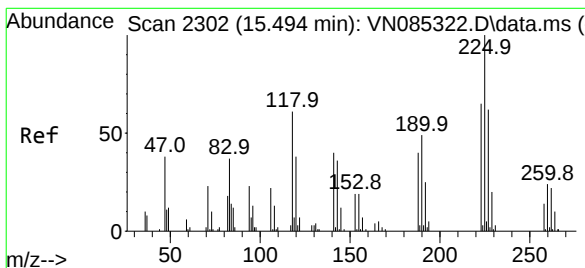
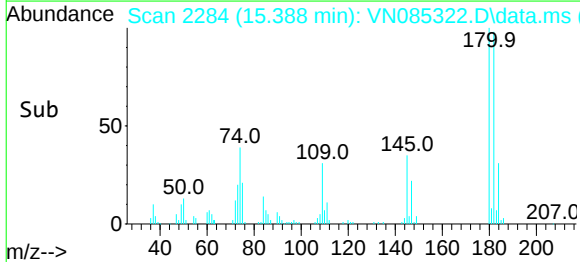
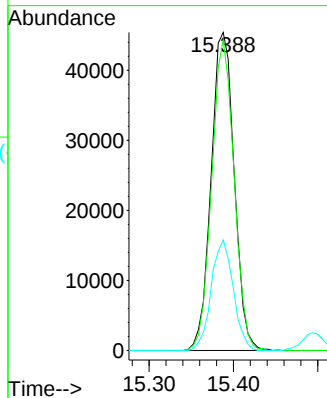
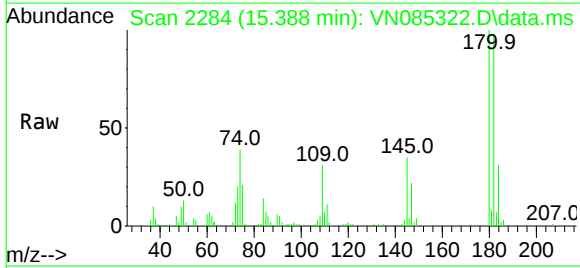
Tgt Ion:	180	Resp:	86363
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.2	141.6
145	33.2	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#94

Hexachlorobutadiene

Concen: 44.509 ug/l

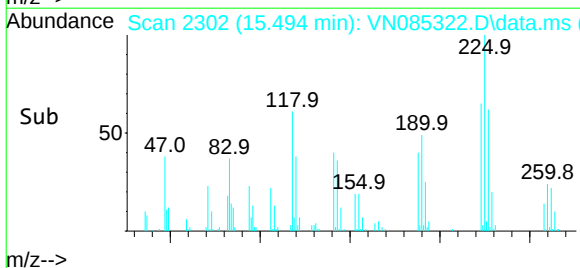
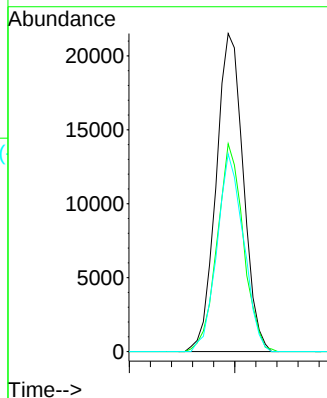
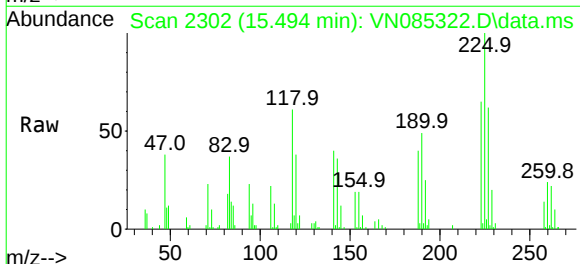
RT: 15.494 min Scan# 2302

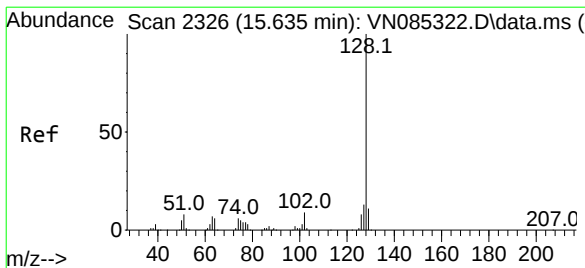
Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Tgt Ion:	225	Resp:	38529
Ion Ratio	Lower	Upper	
225	100		
223	63.1	31.6	94.7
227	60.7	30.3	91.0





#95

Naphthalene

Concen: 48.560 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

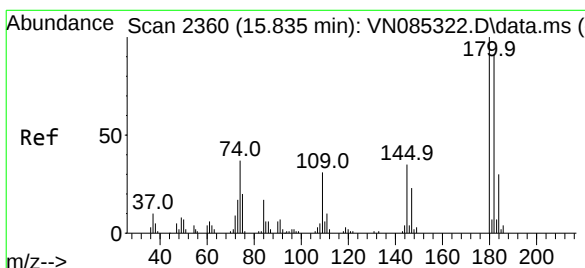
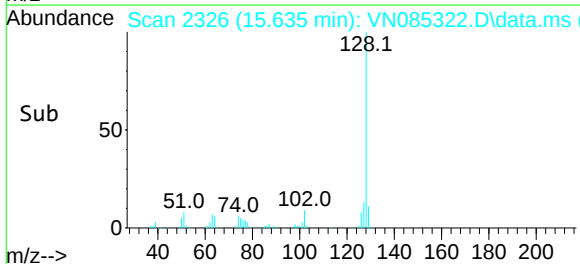
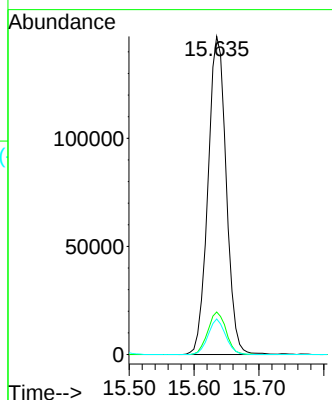
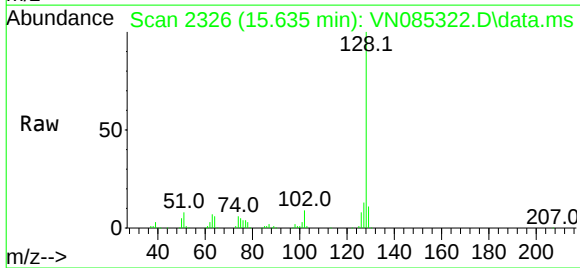
Tgt Ion:	128	Resp:	286887
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	10.6	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#96

1,2,3-Trichlorobenzene

Concen: 48.618 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085322.D

Acq: 27 Dec 2024 10:50

Tgt Ion:	180	Resp:	84633
Ion	Ratio	Lower	Upper
180	100		
182	93.6	46.8	140.4
145	34.4	17.2	51.6

