

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122724\
 Data File : VN085330.D
 Acq On : 27 Dec 2024 16:57
 Operator : JC\MD
 Sample : VN1227WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227WBS01

Quant Time: Dec 28 01:42:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	170735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	303482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	253770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111138	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121898	50.057	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.120%
35) Dibromofluoromethane	8.165	113	94013	49.656	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.320%
50) Toluene-d8	10.565	98	351721	50.625	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.260%
62) 4-Bromofluorobenzene	12.847	95	116494	50.489	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	43449	18.817	ug/l	95
3) Chloromethane	2.359	50	43547	16.780	ug/l	100
4) Vinyl Chloride	2.512	62	46023	16.768	ug/l	96
5) Bromomethane	2.959	94	29868	16.639	ug/l	98
6) Chloroethane	3.118	64	30694	17.634	ug/l	99
7) Trichlorofluoromethane	3.501	101	63768	17.674	ug/l	98
8) Diethyl Ether	3.959	74	21725	18.186	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	35886	17.480	ug/l	97
10) Methyl Iodide	4.589	142	40932	17.229	ug/l	94
11) Tert butyl alcohol	5.506	59	31998	104.934	ug/l	100
12) 1,1-Dichloroethene	4.342	96	33040	17.414	ug/l	87
13) Acrolein	4.177	56	41809	87.943	ug/l	100
14) Allyl chloride	5.024	41	49542	16.315	ug/l	98
15) Acrylonitrile	5.718	53	90364	94.155	ug/l	98
16) Acetone	4.424	43	77254	96.477	ug/l	96
17) Carbon Disulfide	4.712	76	90070	15.605	ug/l	98
18) Methyl Acetate	5.024	43	47009	19.175	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	110534	17.924	ug/l	99
20) Methylene Chloride	5.277	84	37667	17.488	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	33327	16.815	ug/l	92
22) Diisopropyl ether	6.671	45	118015	18.035	ug/l	98
23) Vinyl Acetate	6.600	43	434816	91.855	ug/l	98
24) 1,1-Dichloroethane	6.565	63	69242	17.566	ug/l	98
25) 2-Butanone	7.483	43	119558	96.241	ug/l	97
26) 2,2-Dichloropropane	7.489	77	59724	17.294	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	40786	17.533	ug/l	97
28) Bromochloromethane	7.812	49	33586	18.335	ug/l #	100
29) Tetrahydrofuran	7.836	42	81381	101.699	ug/l	99
30) Chloroform	7.959	83	70354	17.446	ug/l	95
31) Cyclohexane	8.253	56	59824	16.621	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	61343	17.033	ug/l	98
36) 1,1-Dichloropropene	8.371	75	48077	17.343	ug/l	99
37) Ethyl Acetate	7.559	43	51711	18.768	ug/l	99
38) Carbon Tetrachloride	8.359	117	53303	17.641	ug/l	96
39) Methylcyclohexane	9.600	83	49793	17.312	ug/l	99
40) Benzene	8.600	78	146952	17.534	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	26082	18.484	ug/l	98
42) 1,2-Dichloroethane	8.665	62	51885	17.267	ug/l	100
43) Isopropyl Acetate	8.683	43	83925	18.499	ug/l	99
44) Trichloroethene	9.347	130	33316	16.790	ug/l	96
45) 1,2-Dichloropropane	9.618	63	37543	17.646	ug/l	99
46) Dibromomethane	9.706	93	26479	17.895	ug/l	99
47) Bromodichloromethane	9.883	83	54021	17.565	ug/l	97
48) Methyl methacrylate	9.677	41	38382	19.497	ug/l	97
49) 1,4-Dioxane	9.688	88	13255	446.267	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	257213	100.886	ug/l	100
52) Toluene	10.630	92	89808	17.996	ug/l	99
53) t-1,3-Dichloropropene	10.830	75	53764	17.777	ug/l	93
54) cis-1,3-Dichloropropene	10.306	75	59027	18.049	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	34671	18.402	ug/l	96
56) Ethyl methacrylate	10.871	69	52590	19.165	ug/l	99
57) 1,3-Dichloropropane	11.159	76	60541	18.308	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	134176	101.065	ug/l	100
59) 2-Hexanone	11.194	43	183110	103.517	ug/l	100
60) Dibromochloromethane	11.359	129	38342	18.067	ug/l	95
61) 1,2-Dibromoethane	11.465	107	33837	18.152	ug/l	99
64) Tetrachloroethene	11.100	164	29016	18.045	ug/l	94
65) Chlorobenzene	11.888	112	97170	17.719	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	33399	18.146	ug/l	99
67) Ethyl Benzene	11.959	91	167113	18.324	ug/l	100
68) m/p-Xylenes	12.071	106	127874	38.314	ug/l	99
69) o-Xylene	12.394	106	58720	18.187	ug/l	93
70) Styrene	12.406	104	100048	19.120	ug/l	99
71) Bromoform	12.571	173	24033	18.853	ug/l #	98
73) Isopropylbenzene	12.694	105	149902	18.757	ug/l	99
74) N-amyl acetate	12.488	43	69851	20.419	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	49543	19.464	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	45541m	21.944	ug/l	
77) Bromobenzene	12.976	156	35139	17.746	ug/l	96
78) n-propylbenzene	13.035	91	180713	19.398	ug/l	99
79) 2-Chlorotoluene	13.118	91	109897	18.744	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	125698	19.444	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	16022	18.488	ug/l	91
82) 4-Chlorotoluene	13.218	91	109755	18.587	ug/l	98
83) tert-Butylbenzene	13.435	119	104613	18.682	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	126545	19.659	ug/l	99
85) sec-Butylbenzene	13.612	105	149749	19.266	ug/l	100
86) p-Isopropyltoluene	13.729	119	121179	18.228	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	66029	18.395	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	65210	17.686	ug/l	98
89) n-Butylbenzene	14.053	91	101990	17.919	ug/l	98
90) Hexachloroethane	14.329	117	23690	18.594	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	63769	18.649	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8997	19.860	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	29229	17.127	ug/l	98
94) Hexachlorobutadiene	15.500	225	13999	16.510	ug/l	99
95) Naphthalene	15.635	128	95832	16.560	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	29742	17.443	ug/l	97

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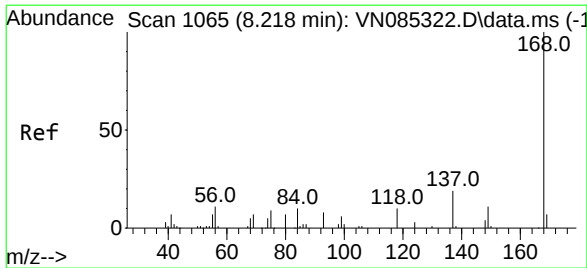
Manual Integrations
APPROVED

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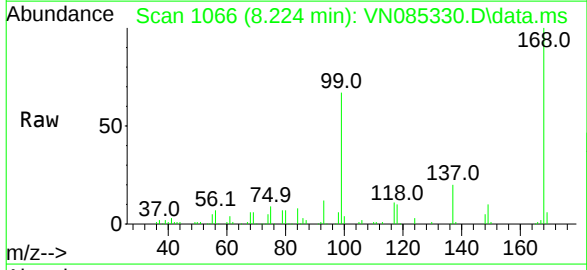
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085330.D
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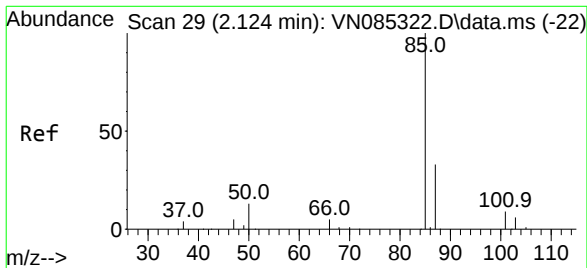
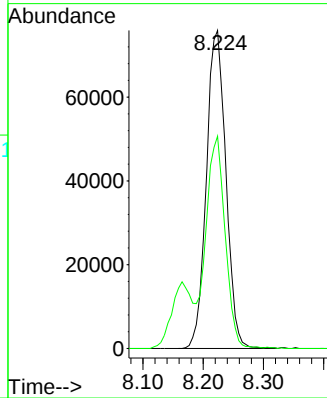
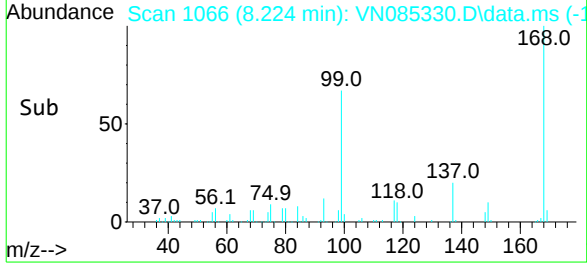
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01



Tgt Ion:168 Resp: 170735
Ion Ratio Lower Upper
168 100
99 66.7 51.0 76.4

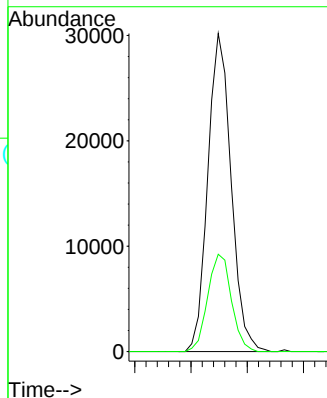
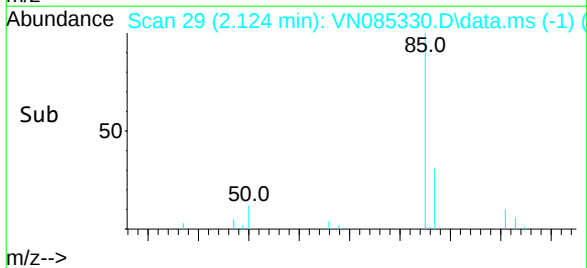
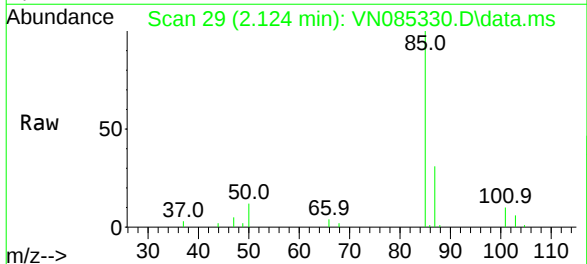
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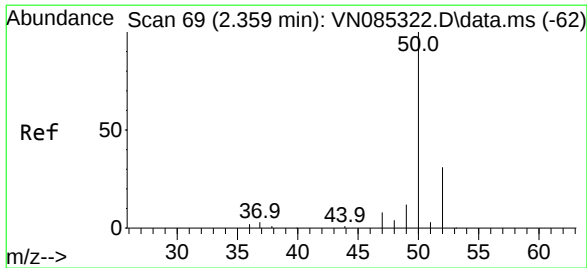
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#2
Dichlorodifluoromethane
Concen: 18.817 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Tgt Ion: 85 Resp: 43449
Ion Ratio Lower Upper
85 100
87 30.6 16.8 50.3





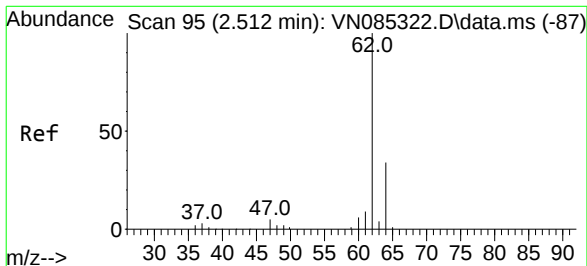
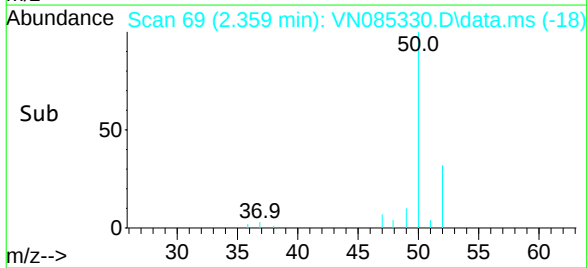
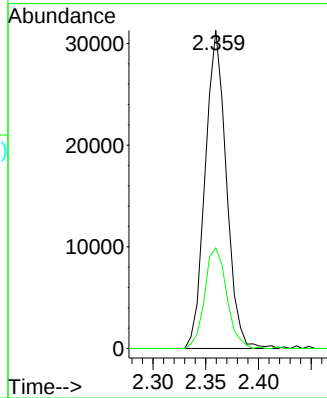
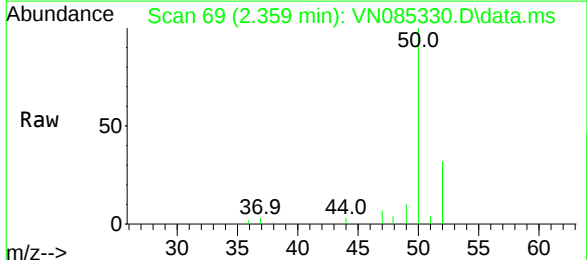
#3
Chloromethane
Concen: 16.780 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Instrument :
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Tgt Ion: 50 Resp: 43547
Ion Ratio Lower Upper
50 100
52 31.6 25.1 37.7

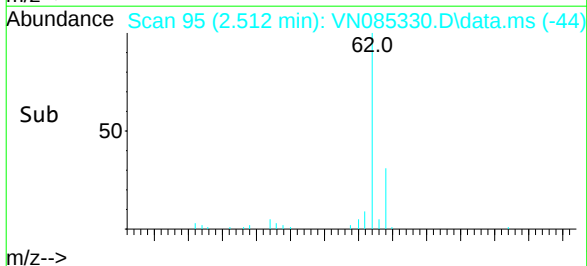
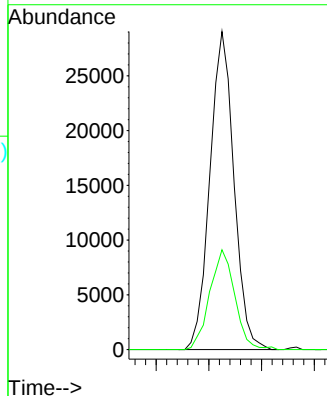
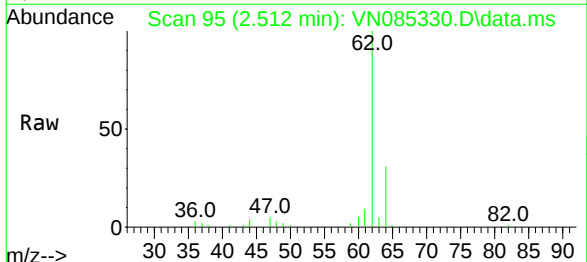
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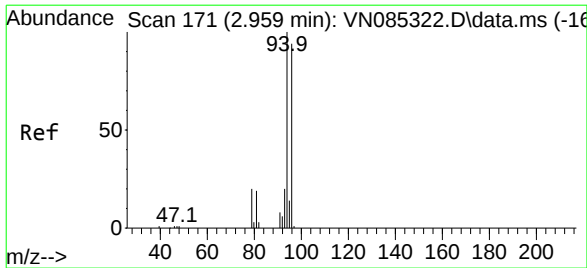
Reviewed By :John Carlone 12/30/2024
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#4
Vinyl Chloride
Concen: 16.768 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

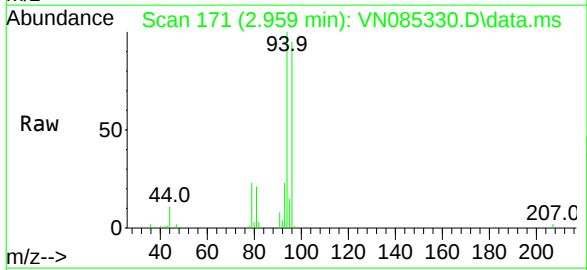
Tgt Ion: 62 Resp: 46023
Ion Ratio Lower Upper
62 100
64 31.4 27.0 40.6





#5
Bromomethane
Concen: 16.639 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN085330.D
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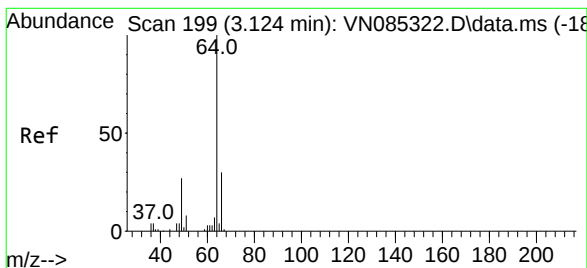
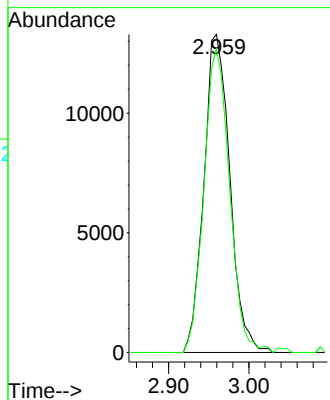
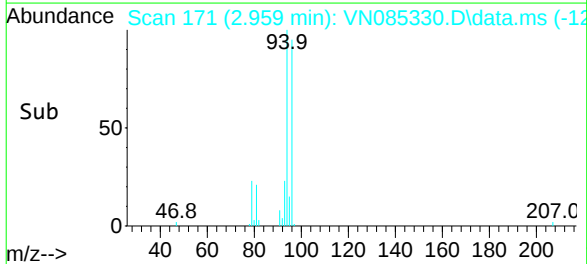
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Tgt Ion: 94 Resp: 29868
Ion Ratio Lower Upper
94 100
96 95.5 75.2 112.8

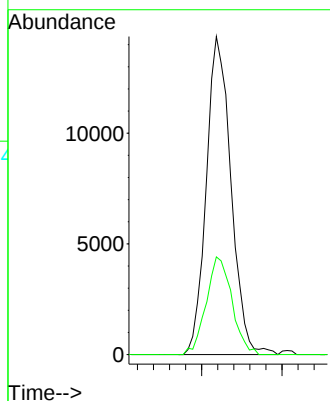
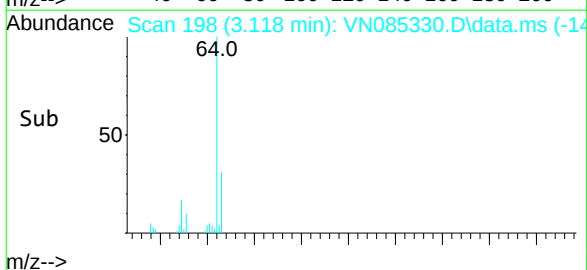
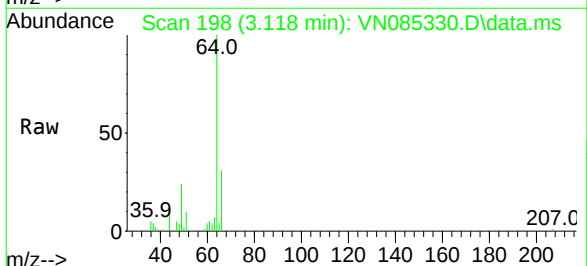
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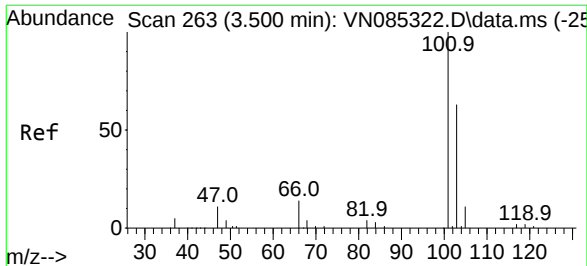
Reviewed By :John Carlone 12/30/2024
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#6
Chloroethane
Concen: 17.634 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085330.D
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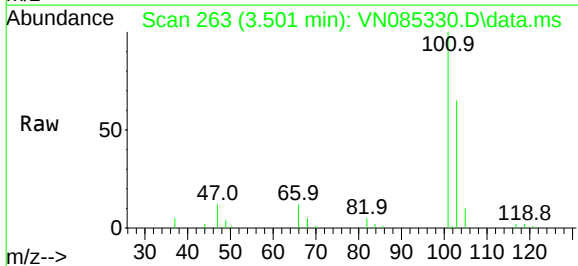
Tgt Ion: 64 Resp: 30694
Ion Ratio Lower Upper
64 100
66 30.7 24.1 36.1





#7
 Trichlorofluoromethane
 Concen: 17.674 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN085330.D
 Acq: 27 Dec 2024 16:57

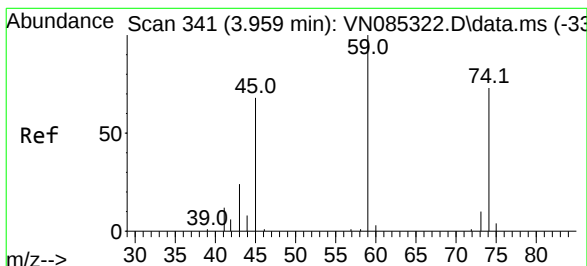
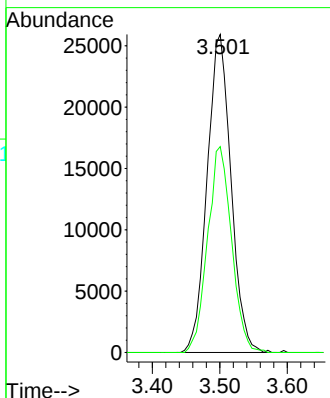
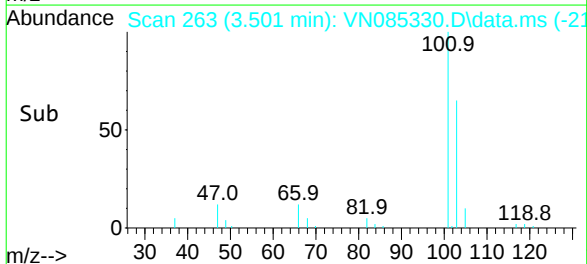
Instrument :
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Tgt Ion: 101 Resp: 63768
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.3 75.5

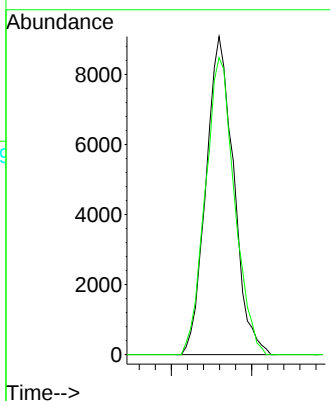
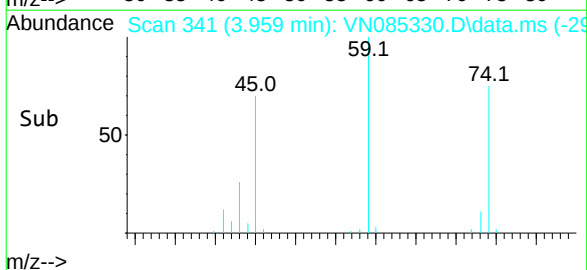
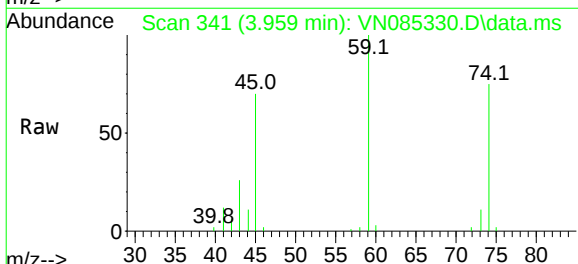
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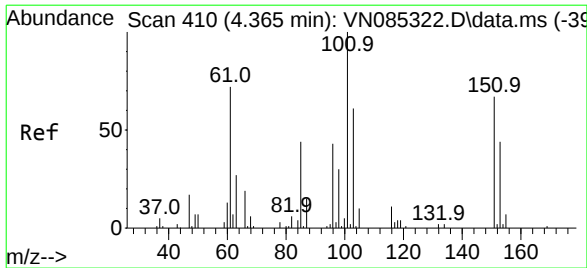
Reviewed By : John Carlone 12/30/2024
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#8
 Diethyl Ether
 Concen: 18.186 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 21725
 Ion Ratio Lower Upper
 74 100
 45 98.3 47.5 142.6





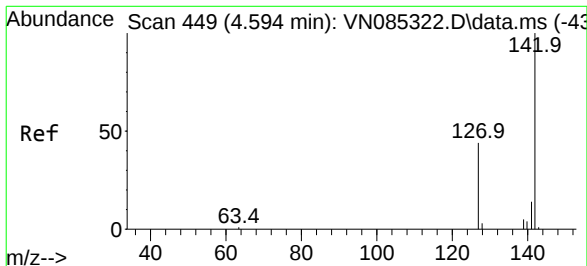
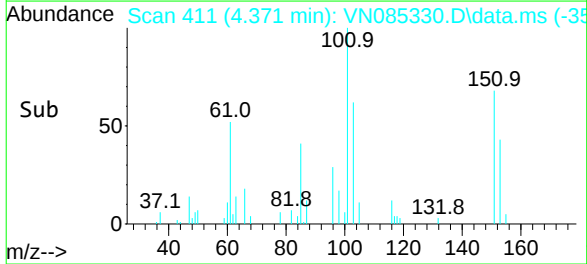
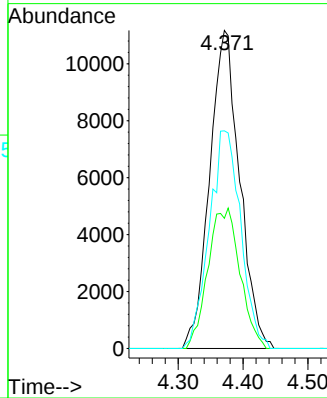
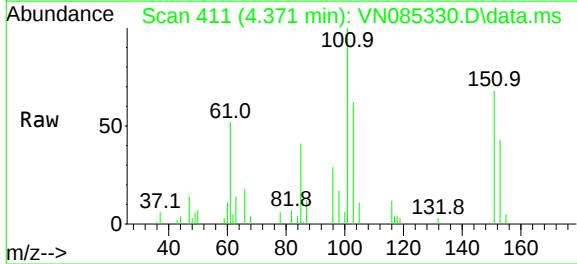
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.480 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01

Tgt Ion:101 Resp: 35886
Ion Ratio Lower Upper
101 100
85 47.1 36.2 54.4
151 71.6 55.8 83.6

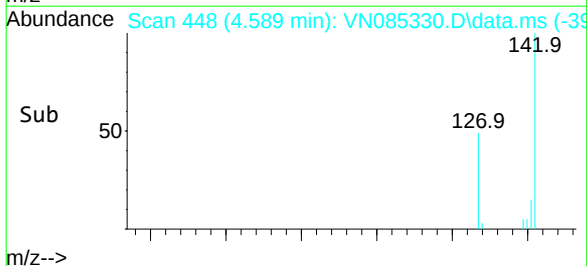
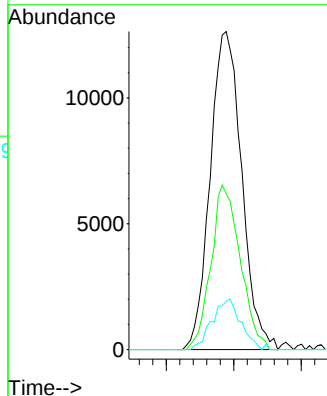
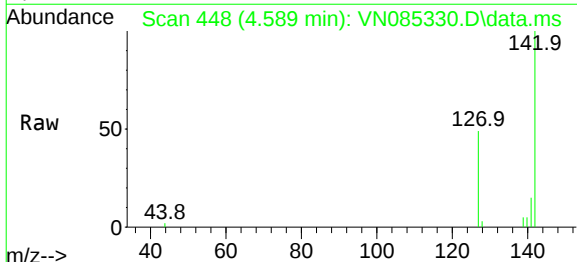
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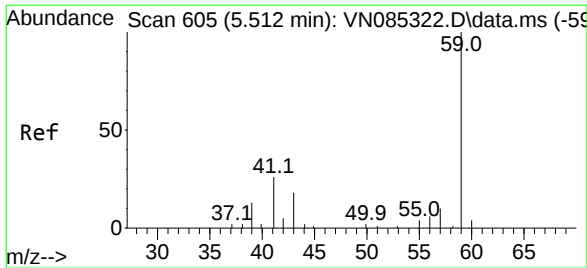
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#10
Methyl Iodide
Concen: 17.229 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Tgt Ion:142 Resp: 40932
Ion Ratio Lower Upper
142 100
127 49.0 35.3 52.9
141 15.2 11.5 17.3





#11

Tert butyl alcohol

Concen: 104.934 ug/l

RT: 5.506 min Scan# 605

Delta R.T. -0.006 min

Lab File: VN085330.D

Acq: 27 Dec 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBS01

Tgt Ion: 59 Resp: 31998

Ion Ratio Lower Upper

59 100

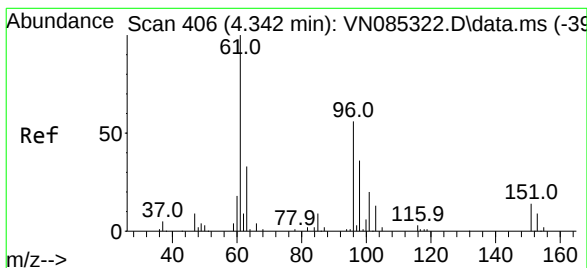
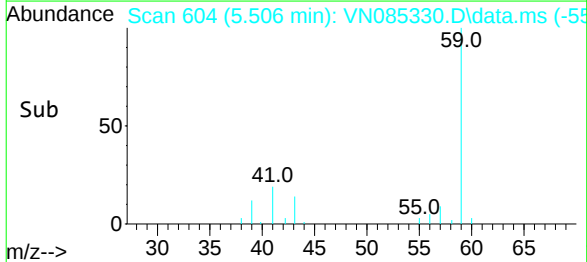
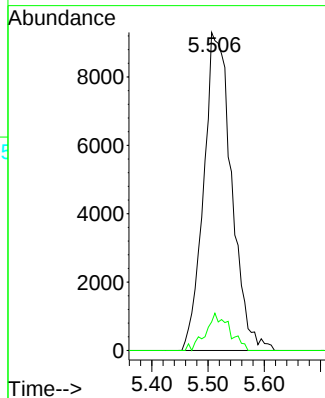
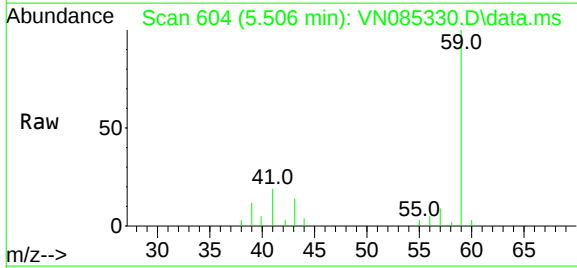
57 10.1 8.1 12.1

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Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#12

1,1-Dichloroethene

Concen: 17.414 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.000 min

Lab File: VN085330.D

Acq: 27 Dec 2024 16:57

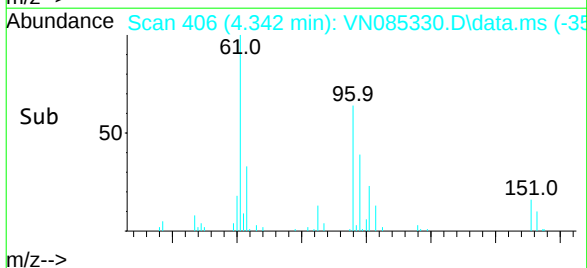
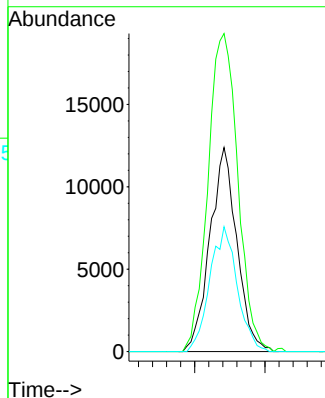
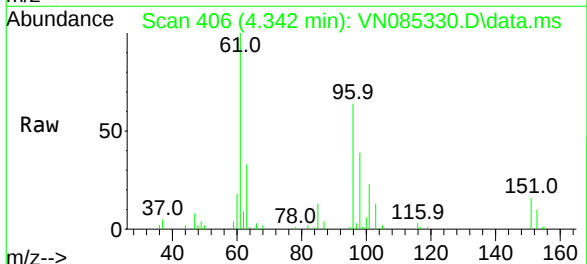
Tgt Ion: 96 Resp: 33040

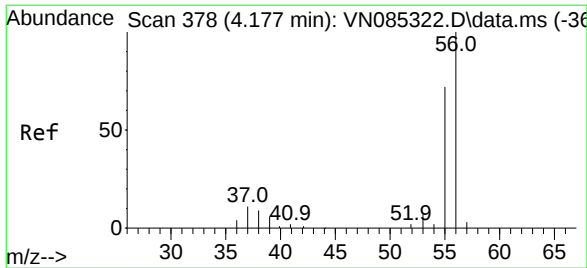
Ion Ratio Lower Upper

96 100

61 155.9 142.4 213.6

98 61.2 51.5 77.3





#13

Acrolein

Concen: 87.943 ug/l

RT: 4.177 min Scan# 37

Delta R.T. 0.000 min

Lab File: VN085330.D

Acq: 27 Dec 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBS01

Tgt Ion: 56 Resp: 41809

Ion Ratio Lower Upper

56 100

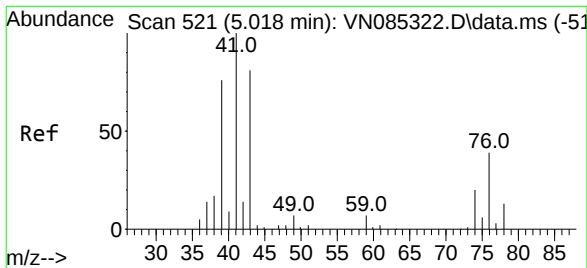
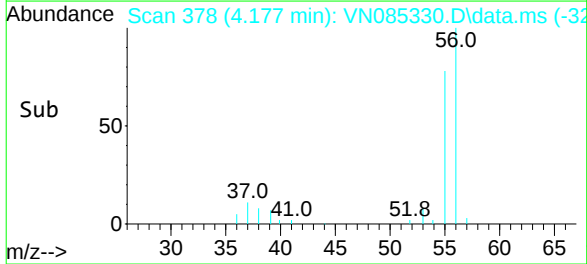
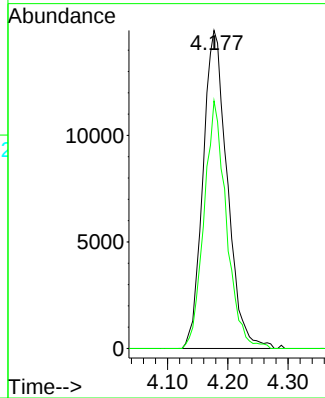
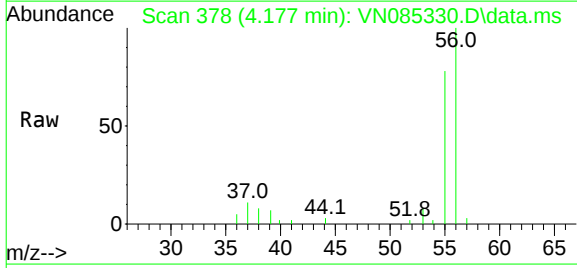
55 71.7 57.5 86.3

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Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#14

Allyl chloride

Concen: 16.315 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085330.D

Acq: 27 Dec 2024 16:57

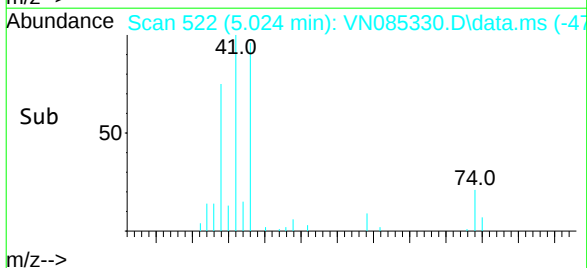
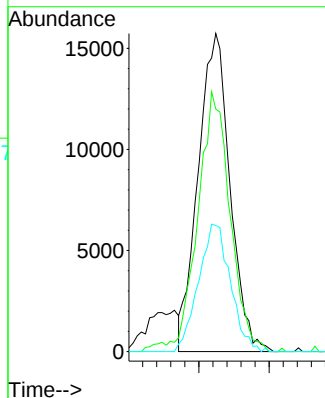
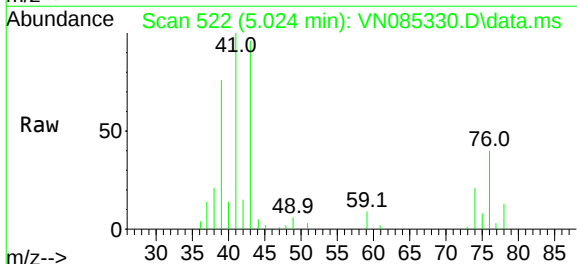
Tgt Ion: 41 Resp: 49542

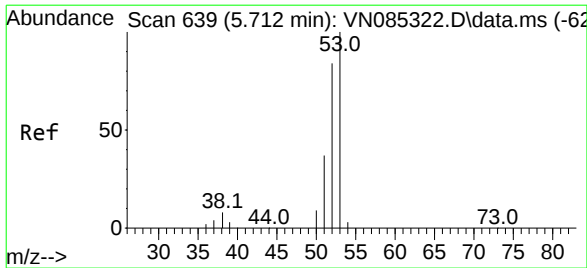
Ion Ratio Lower Upper

41 100

39 82.1 64.4 96.6

76 40.1 31.5 47.3





#15

Acrylonitrile

Concen: 94.155 ug/l

RT: 5.718 min Scan# 64

Delta R.T. 0.006 min

Lab File: VN085330.D

Acq: 27 Dec 2024 16:57

Instrument :

MSVOA_N

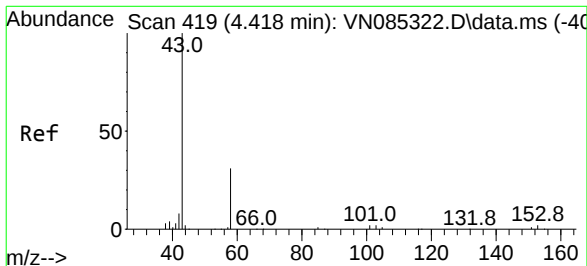
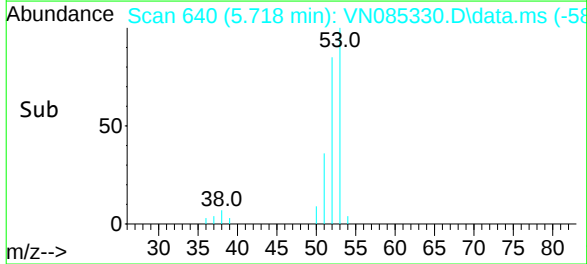
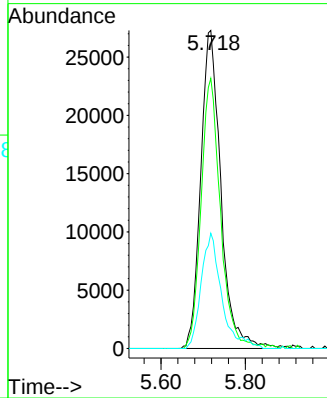
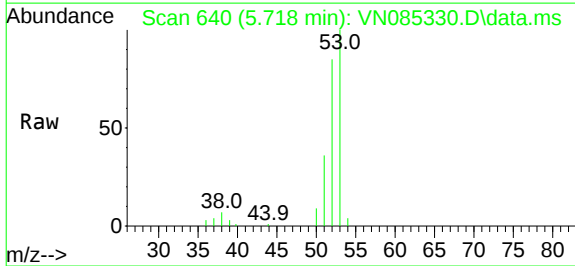
ClientSampleId :

VN1227WBS01

Tgt Ion:	53	Resp:	90364
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.6	100.0
51	34.8	29.6	44.4

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



#16

Acetone

Concen: 96.477 ug/l

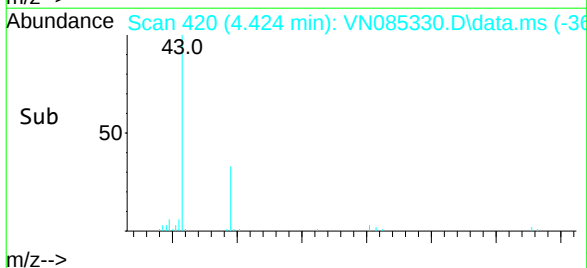
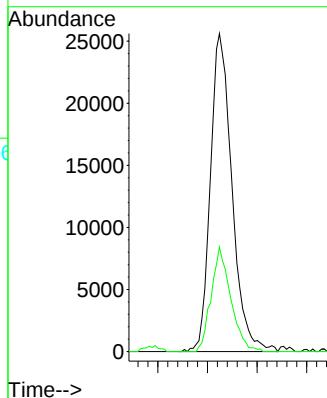
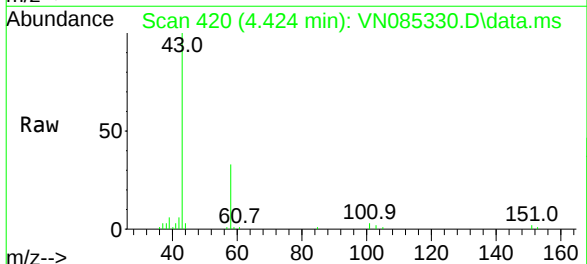
RT: 4.424 min Scan# 420

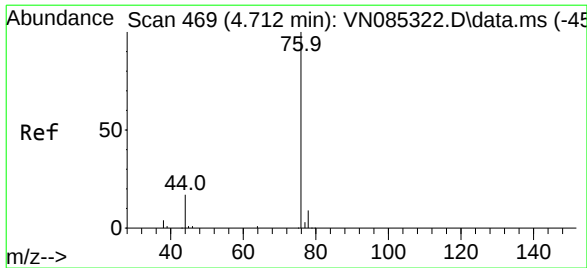
Delta R.T. 0.006 min

Lab File: VN085330.D

Acq: 27 Dec 2024 16:57

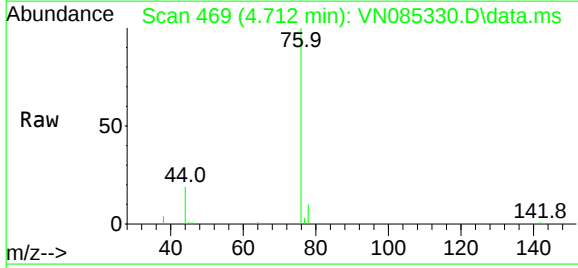
Tgt Ion:	43	Resp:	77254
Ion	Ratio	Lower	Upper
43	100		
58	32.9	24.5	36.7





#17
Carbon Disulfide
Concen: 15.605 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

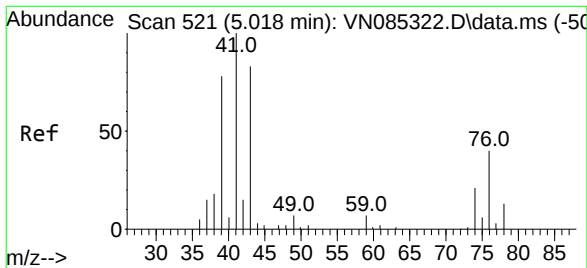
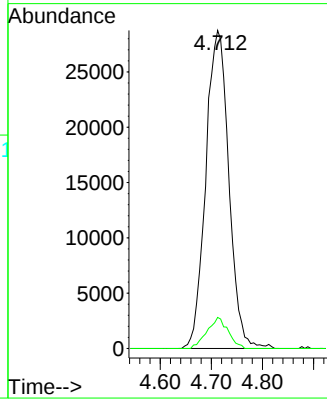
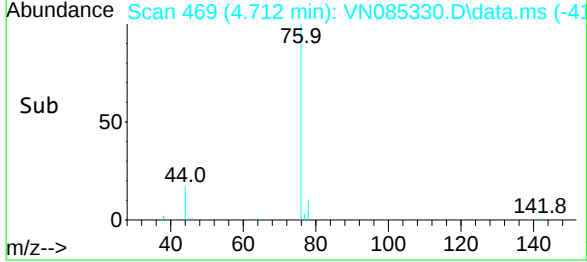
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01



Tgt Ion: 76 Resp: 90070
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8

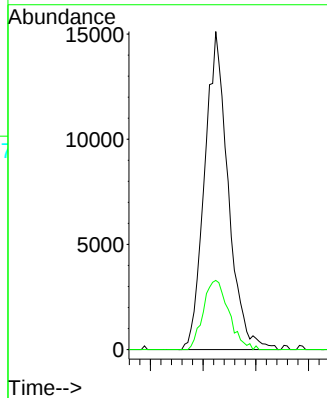
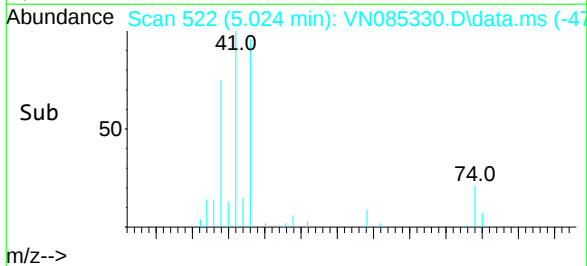
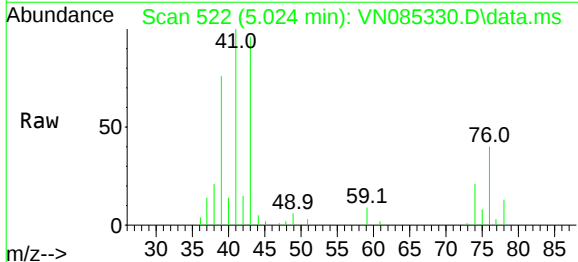
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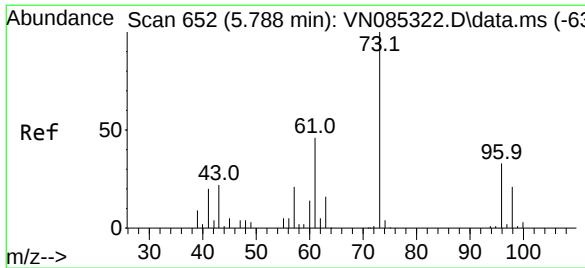
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#18
Methyl Acetate
Concen: 19.175 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Tgt Ion: 43 Resp: 47009
Ion Ratio Lower Upper
43 100
74 23.6 19.0 28.6





#19

Methyl tert-butyl Ether

Concen: 17.924 ug/l

RT: 5.795 min Scan# 65

Delta R.T. 0.006 min

Lab File: VN085330.D

Acq: 27 Dec 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBS01

Tgt Ion: 73 Resp: 110534

Ion Ratio Lower Upper

73 100

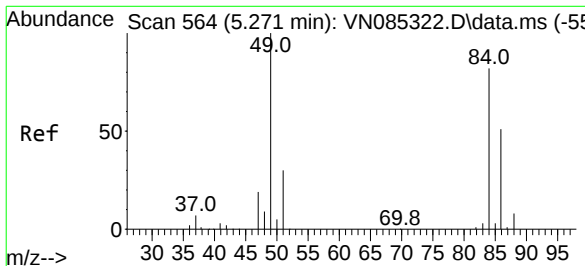
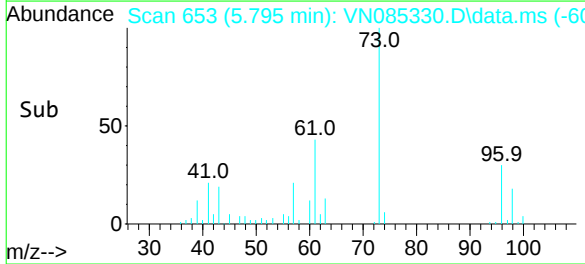
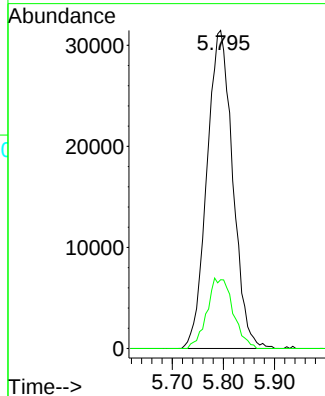
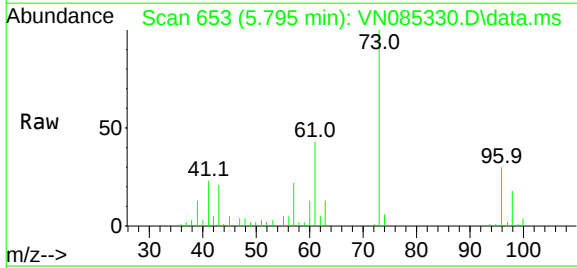
57 21.6 17.0 25.6

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Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#20

Methylene Chloride

Concen: 17.488 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.006 min

Lab File: VN085330.D

Acq: 27 Dec 2024 16:57

Tgt Ion: 84 Resp: 37667

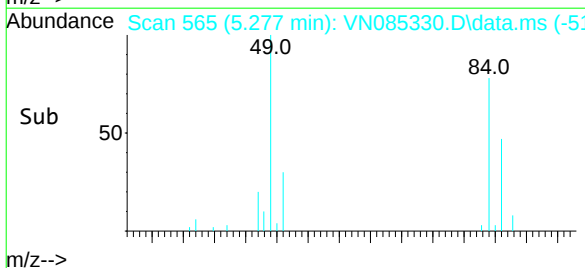
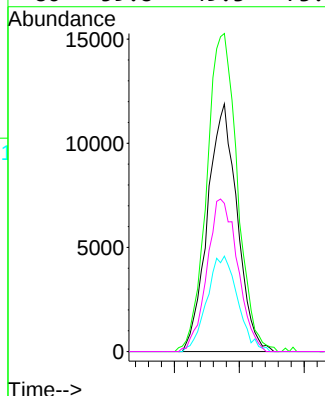
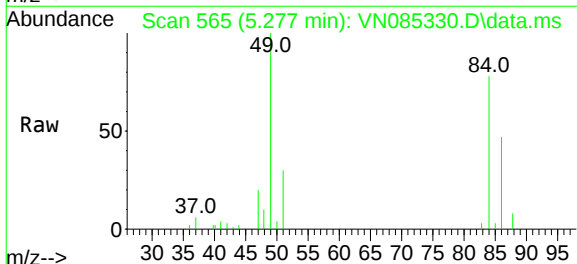
Ion Ratio Lower Upper

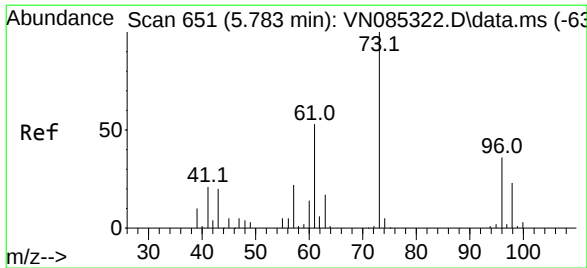
84 100

49 128.4 97.6 146.4

51 38.5 29.1 43.7

86 59.8 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 16.815 ug/l

RT: 5.789 min Scan# 651

Delta R.T. 0.006 min

Lab File: VN085330.D

Acq: 27 Dec 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBS01

Tgt Ion: 96 Resp: 33327

Ion Ratio Lower Upper

96 100

61 136.1 118.0 177.0

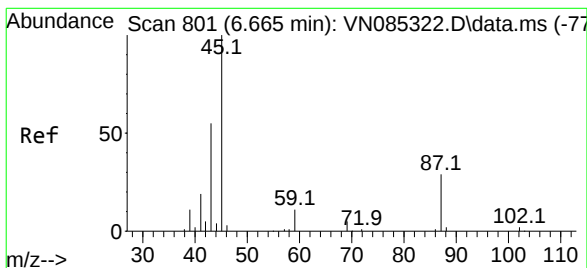
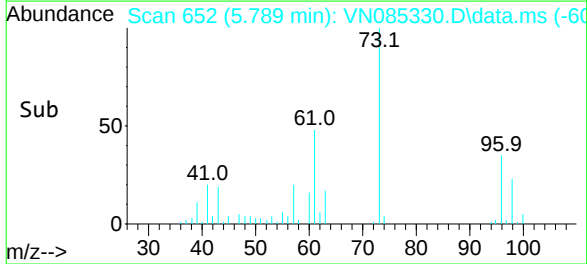
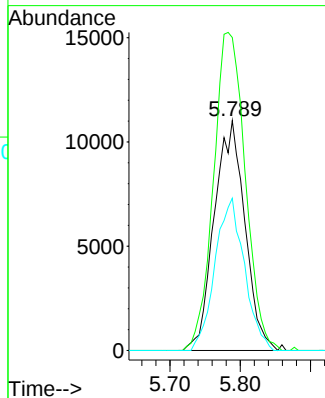
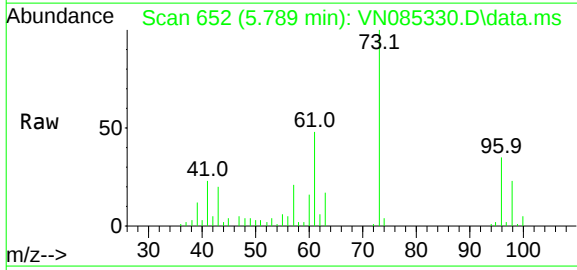
98 66.2 50.6 75.8

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Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#22

Diisopropyl ether

Concen: 18.035 ug/l

RT: 6.671 min Scan# 802

Delta R.T. 0.006 min

Lab File: VN085330.D

Acq: 27 Dec 2024 16:57

Tgt Ion: 45 Resp: 118015

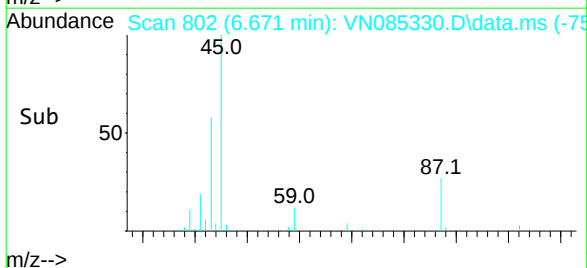
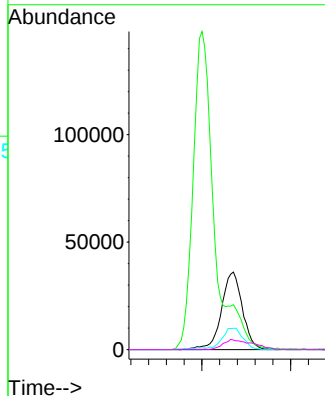
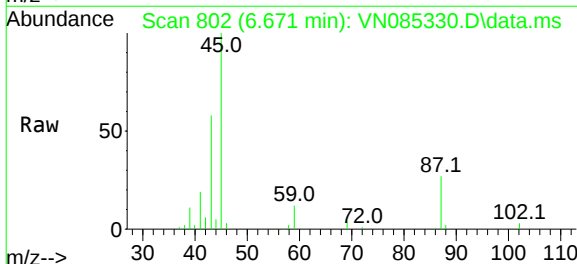
Ion Ratio Lower Upper

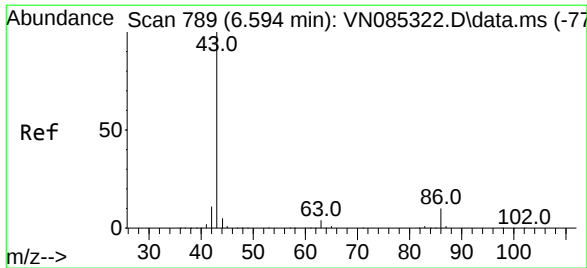
45 100

43 55.9 44.1 66.1

87 27.4 23.2 34.8

59 12.3 9.0 13.6





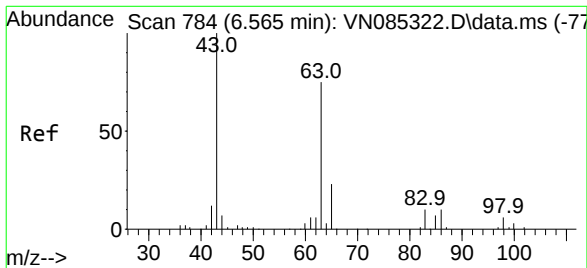
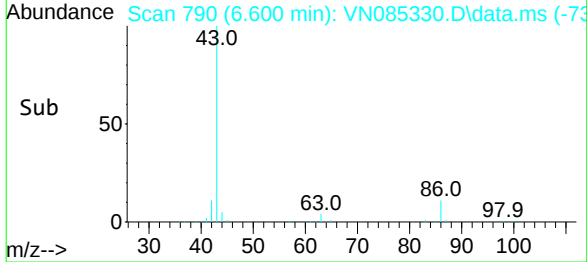
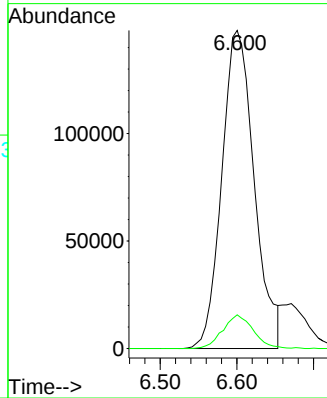
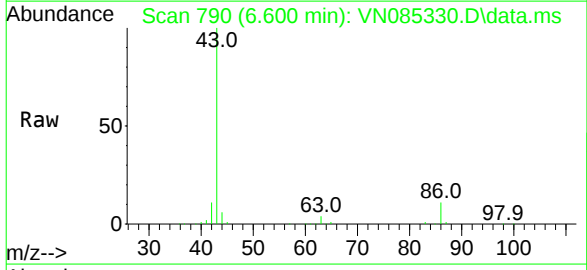
#23
 Vinyl Acetate
 Concen: 91.855 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085330.D
 Acq: 27 Dec 2024 16:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227WBS01

Tgt Ion: 43 Resp: 434816
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.0 12.0

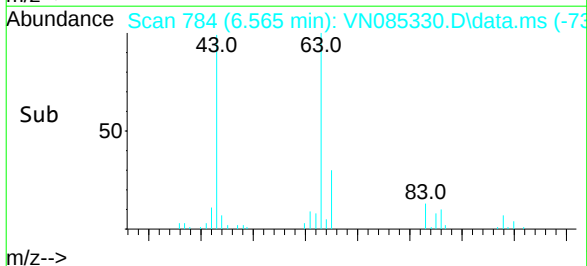
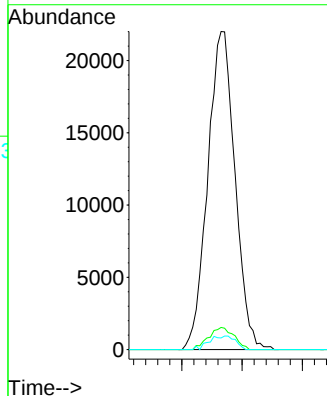
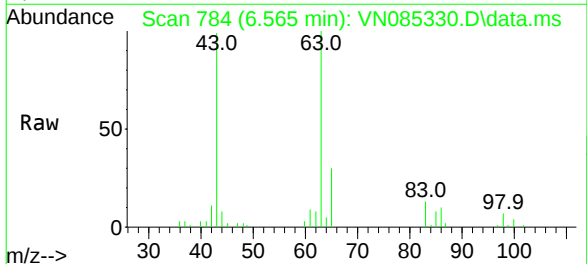
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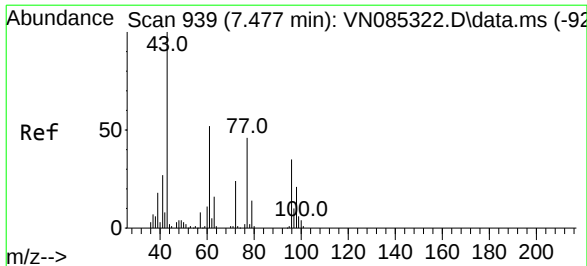
Reviewed By :John Carlone 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024



#24
 1,1-Dichloroethane
 Concen: 17.566 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085330.D
 Acq: 27 Dec 2024 16:57

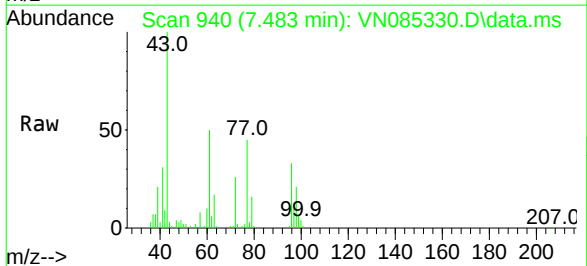
Tgt Ion: 63 Resp: 69242
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.7 11.1
 100 3.7 2.3 6.8





#25
2-Butanone
Concen: 96.241 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

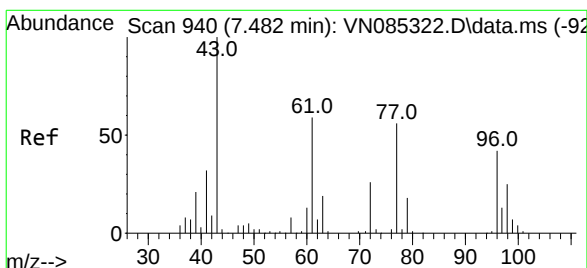
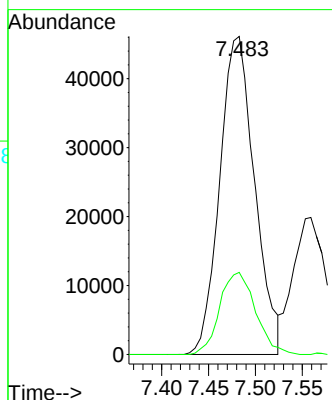
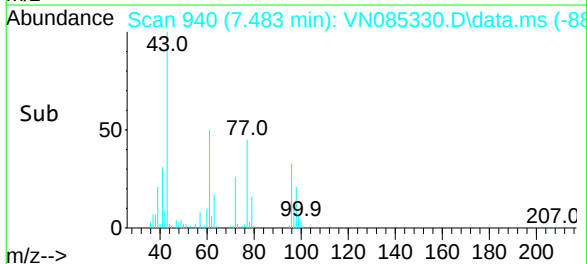
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01



Tgt Ion: 43 Resp: 119558
Ion Ratio Lower Upper
43 100
72 25.8 19.6 29.4

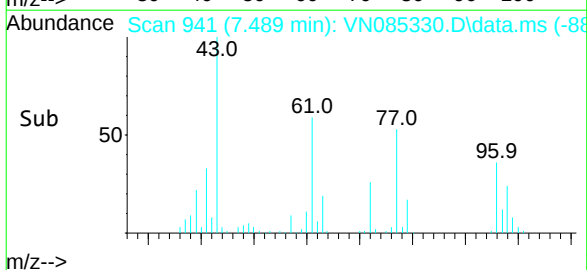
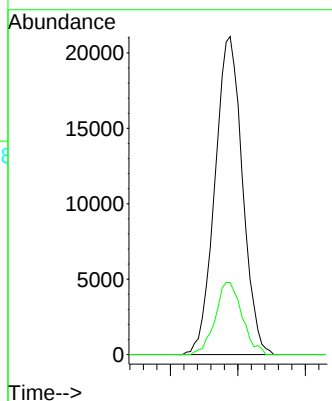
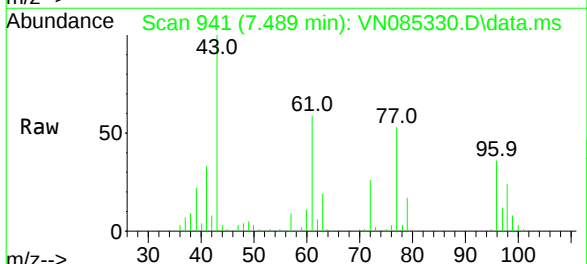
Manual Integrations
APPROVED

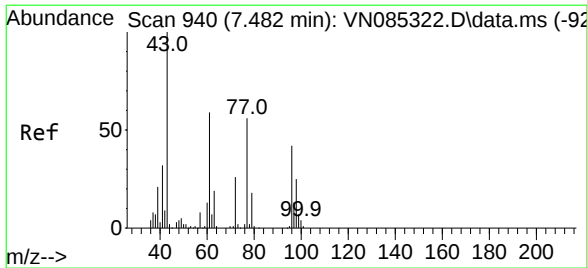
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#26
2,2-Dichloropropane
Concen: 17.294 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

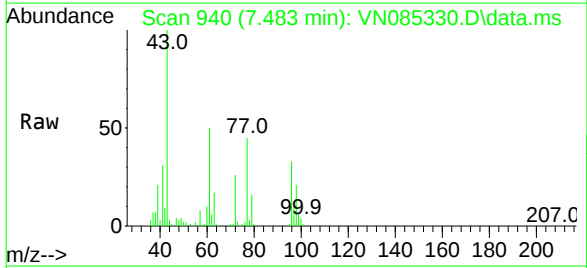
Tgt Ion: 77 Resp: 59724
Ion Ratio Lower Upper
77 100
97 22.1 10.6 31.8





#27
cis-1,2-Dichloroethene
Concen: 17.533 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

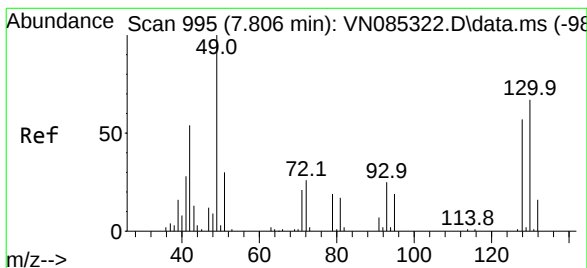
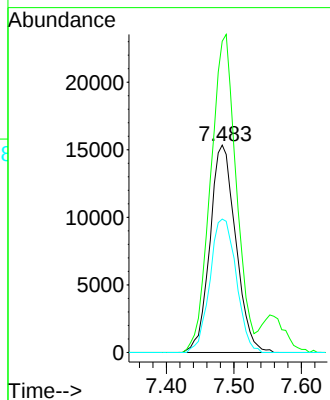
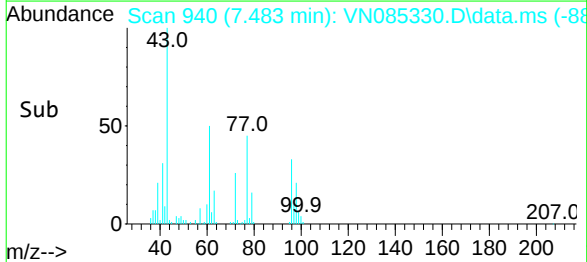
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01



Tgt Ion: 96 Resp: 40786
Ion Ratio Lower Upper
96 100
61 151.9 0.0 296.4
98 65.7 0.0 124.2

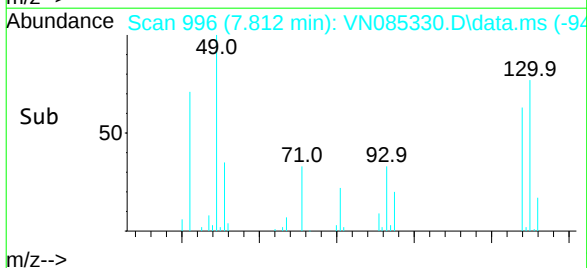
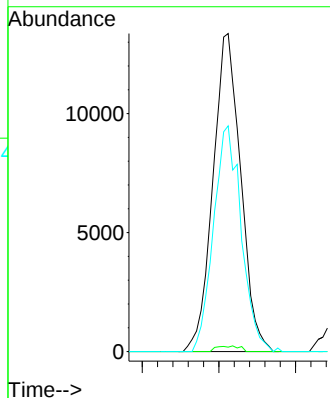
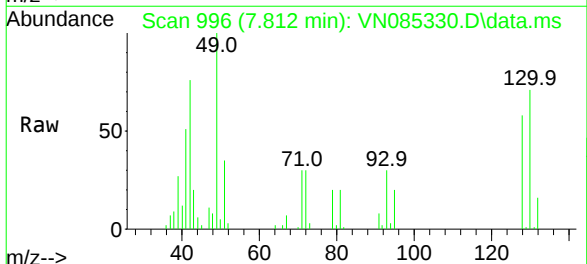
Manual Integrations
APPROVED

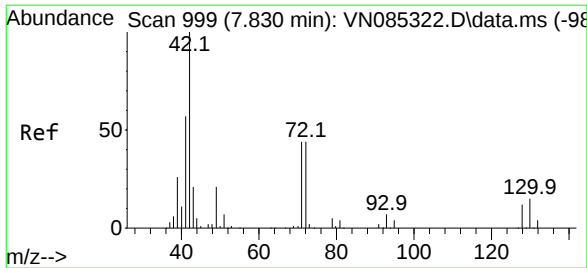
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#28
Bromochloromethane
Concen: 18.335 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Tgt Ion: 49 Resp: 33586
Ion Ratio Lower Upper
49 100
129 0.8 0.0 2.0
130 70.9 0.0 0.0#





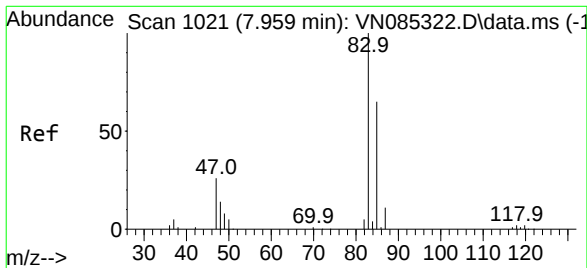
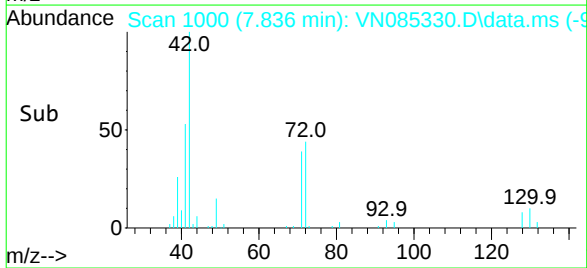
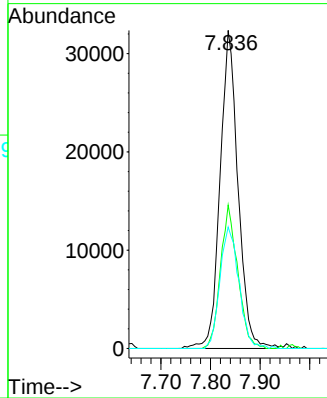
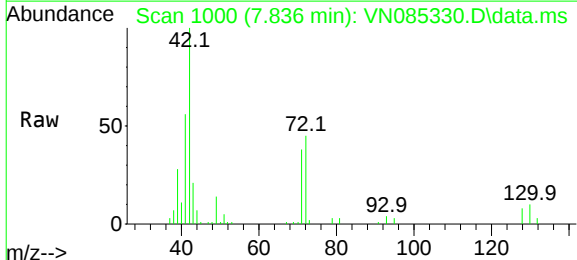
#29
Tetrahydrofuran
Concen: 101.699 ug/l
RT: 7.836 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01

Tgt Ion: 42 Resp: 81381
Ion Ratio Lower Upper
42 100
72 43.4 35.1 52.7
71 40.3 33.4 50.0

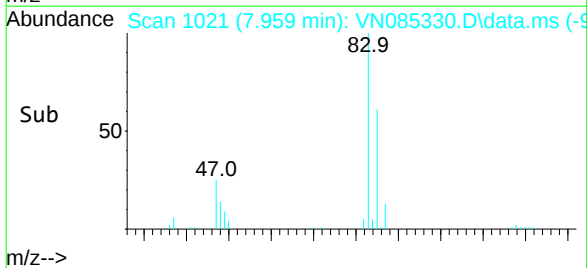
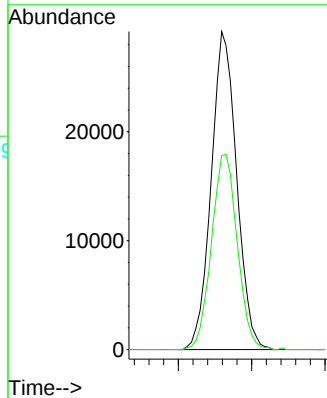
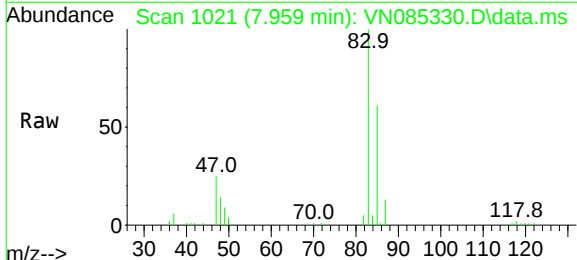
Manual Integrations
APPROVED

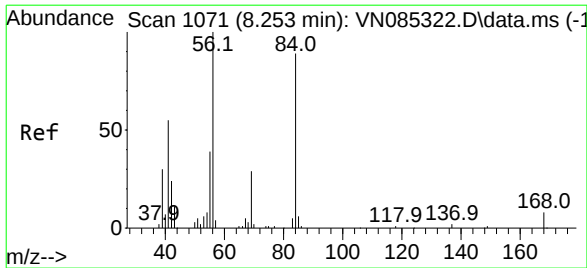
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#30
Chloroform
Concen: 17.446 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

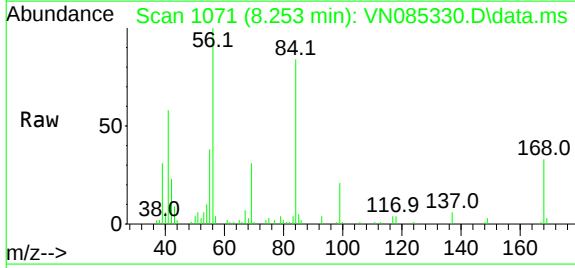
Tgt Ion: 83 Resp: 70354
Ion Ratio Lower Upper
83 100
85 61.0 52.0 78.0





#31
Cyclohexane
Concen: 16.621 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

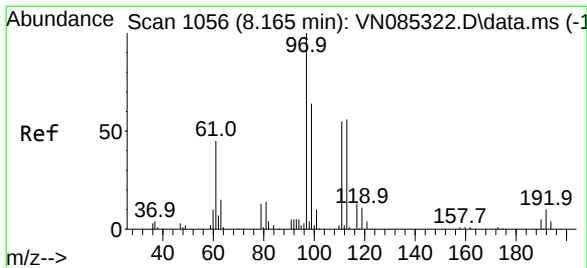
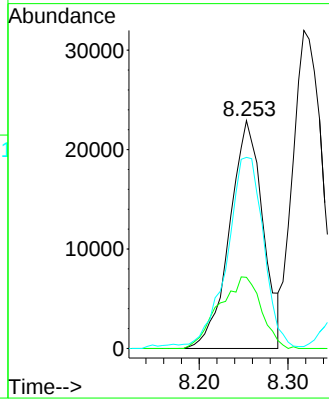
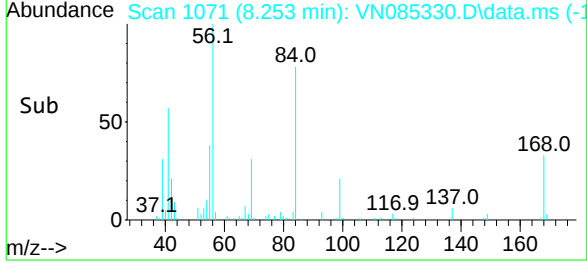
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01



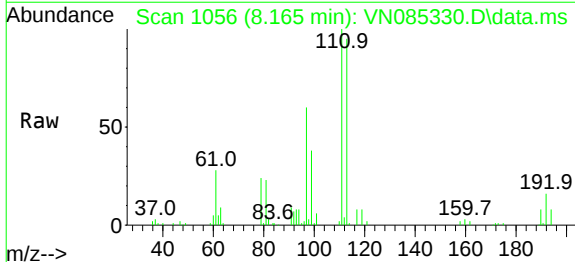
Tgt Ion: 56 Resp: 59824
Ion Ratio Lower Upper
56 100
69 31.2 23.4 35.0
84 82.3 71.0 106.6

Manual Integrations
APPROVED

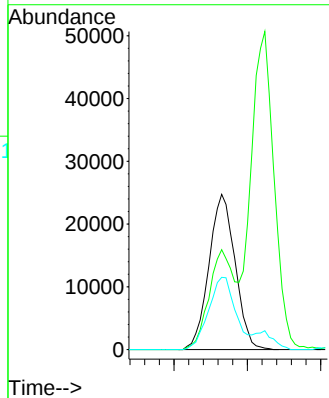
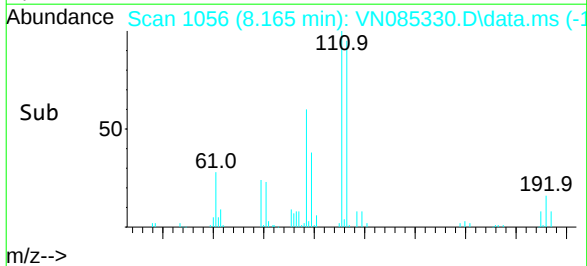
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

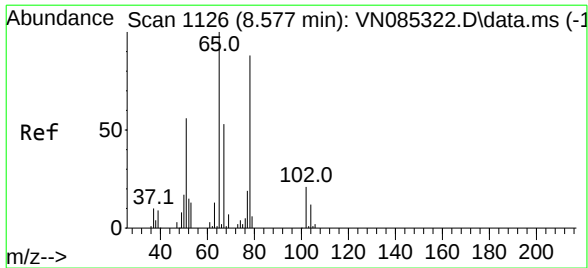


#32
1,1,1-Trichloroethane
Concen: 17.033 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57



Tgt Ion: 97 Resp: 61343
Ion Ratio Lower Upper
97 100
99 64.0 53.3 79.9
61 48.9 39.6 59.4





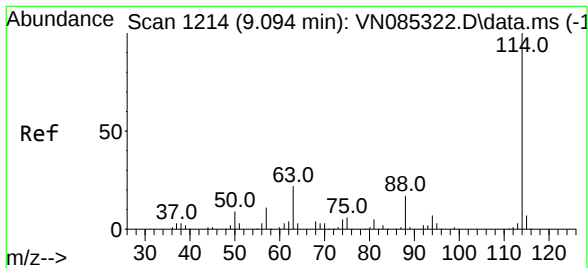
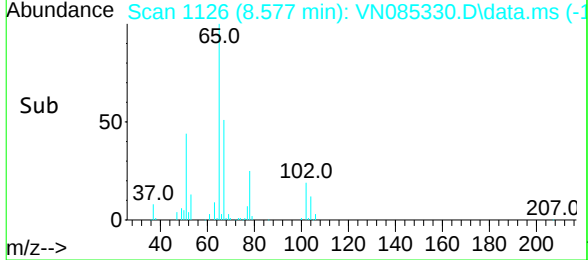
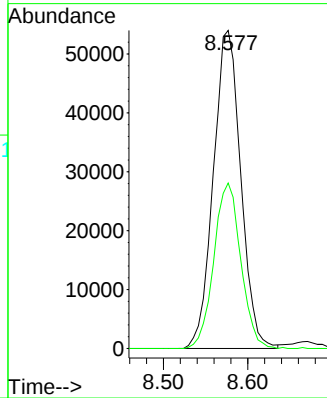
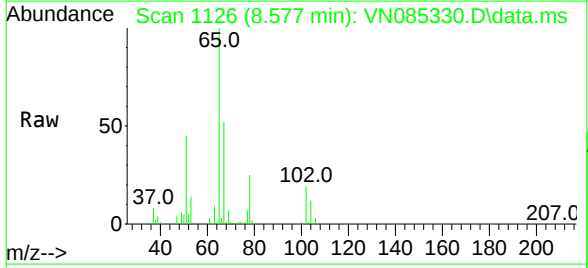
#33
1,2-Dichloroethane-d4
Concen: 50.057 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01

Tgt Ion: 65 Resp: 121898
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.0

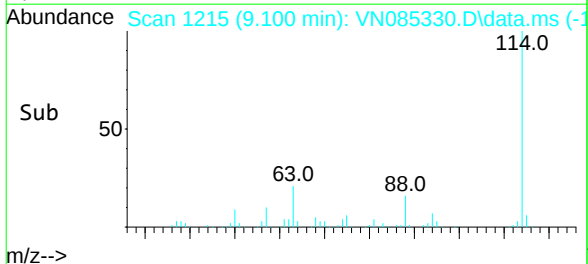
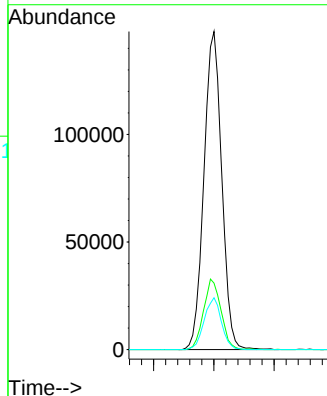
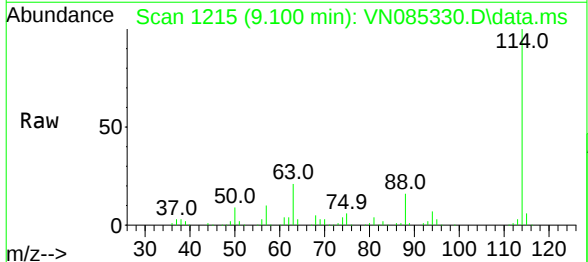
Manual Integrations
APPROVED

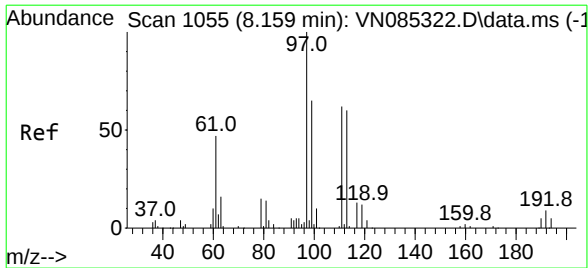
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

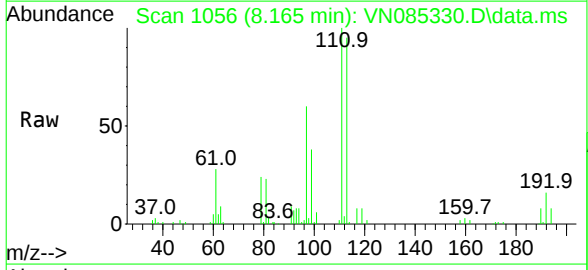
Tgt Ion:114 Resp: 303482
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.4
88 16.3 0.0 33.6





#35
 Dibromofluoromethane
 Concen: 49.656 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085330.D
 Acq: 27 Dec 2024 16:57

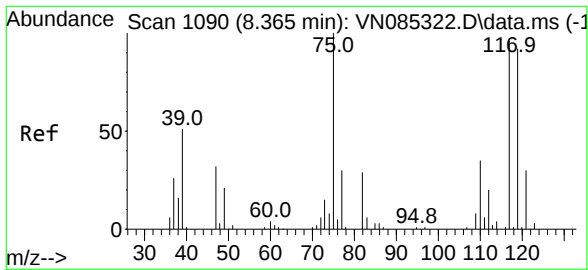
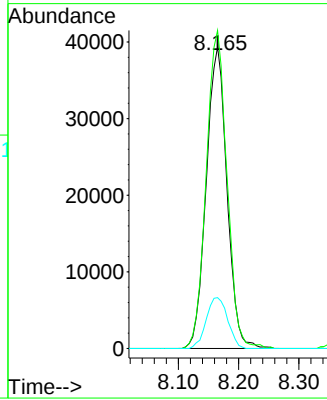
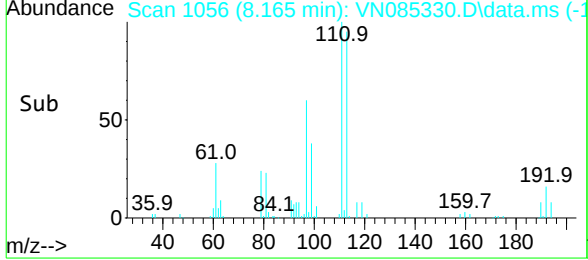
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227WBS01



Tgt Ion:	113	Resp:	94013
Ion	Ratio	Lower	Upper
113	100		
111	105.6	80.5	120.7
192	17.4	12.9	19.3

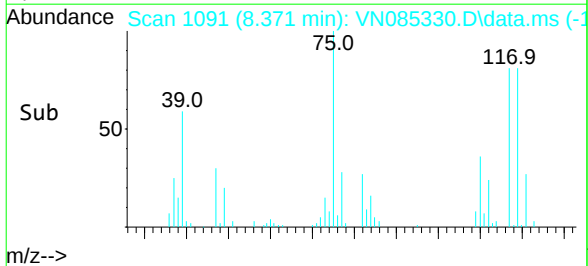
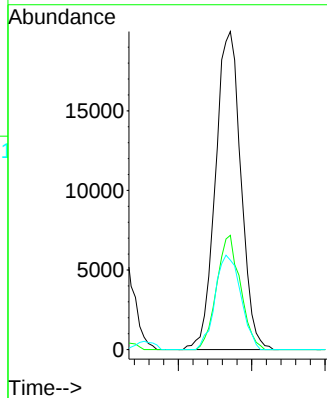
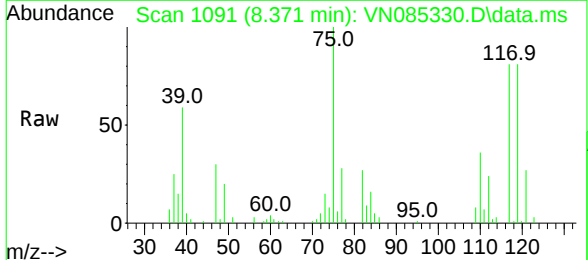
Manual Integrations
 APPROVED

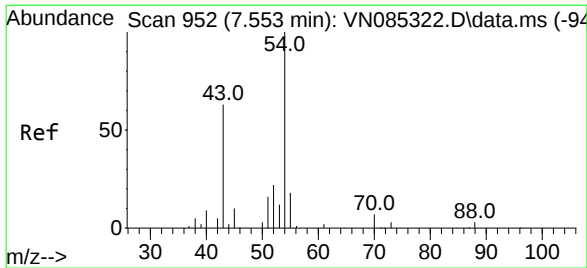
Reviewed By :John Carlone 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024



#36
 1,1-Dichloropropene
 Concen: 17.343 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085330.D
 Acq: 27 Dec 2024 16:57

Tgt Ion:	75	Resp:	48077
Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.6	49.8
77	30.0	24.3	36.5





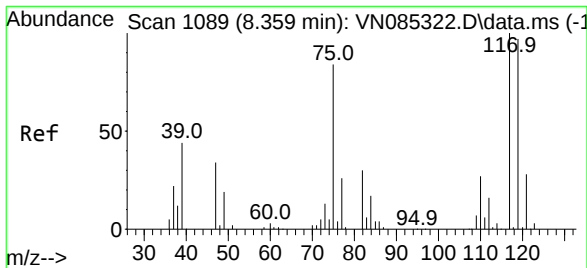
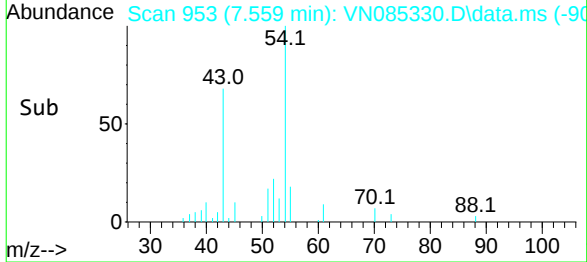
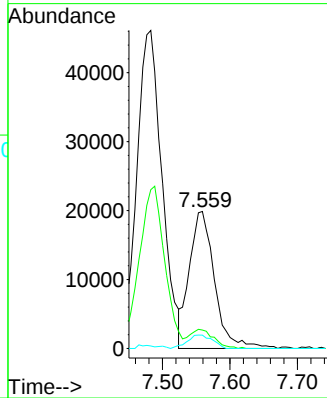
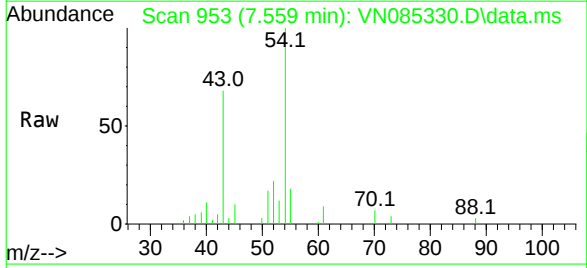
#37
Ethyl Acetate
Concen: 18.768 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.006 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01

Tgt Ion: 43	Resp: 51711
Ion Ratio	Lower Upper
43 100	
61 12.5	10.4 15.6
70 9.8	8.2 12.2

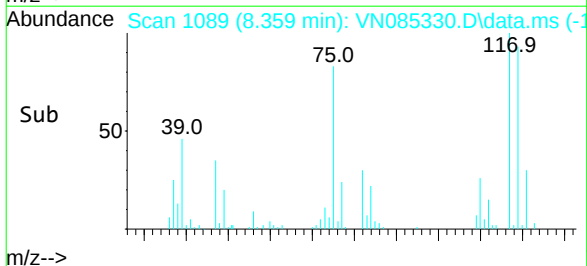
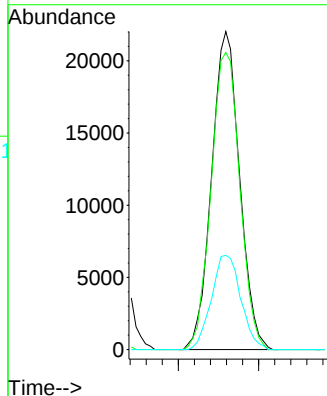
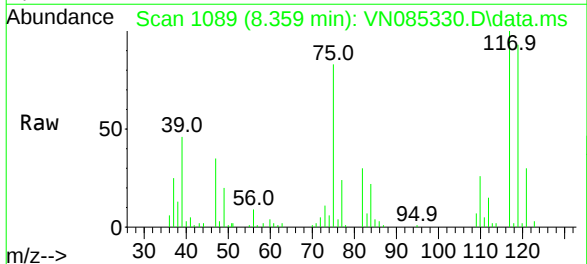
Manual Integrations
APPROVED

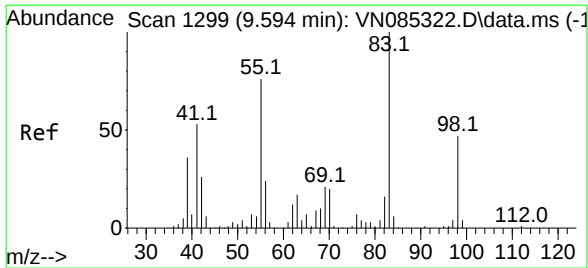
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#38
Carbon Tetrachloride
Concen: 17.641 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

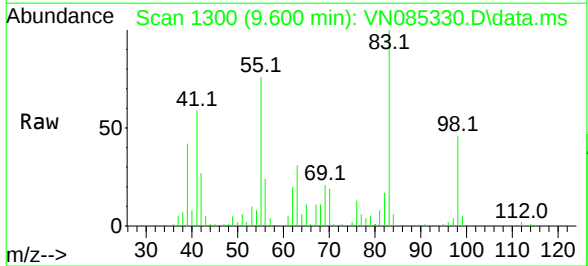
Tgt Ion: 117	Resp: 53303
Ion Ratio	Lower Upper
117 100	
119 93.4	77.8 116.6
121 29.6	22.5 33.7





#39
Methylcyclohexane
Concen: 17.312 ug/l
RT: 9.600 min Scan# 13
Delta R.T. 0.006 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

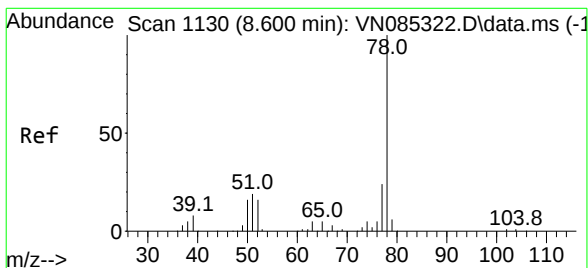
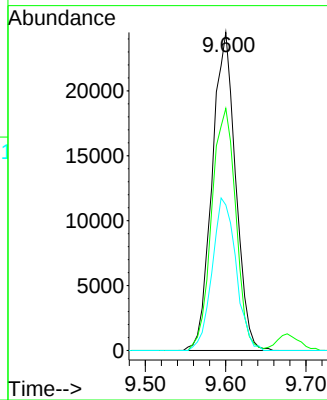
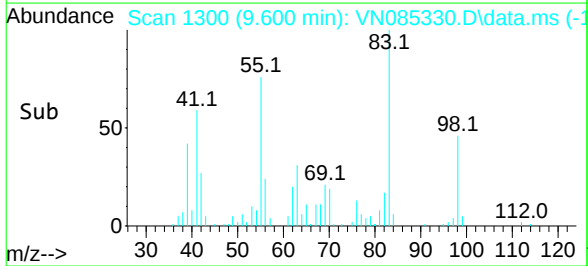
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01



Tgt Ion: 83 Resp: 49793
Ion Ratio Lower Upper
83 100
55 76.1 60.7 91.1
98 45.7 37.7 56.5

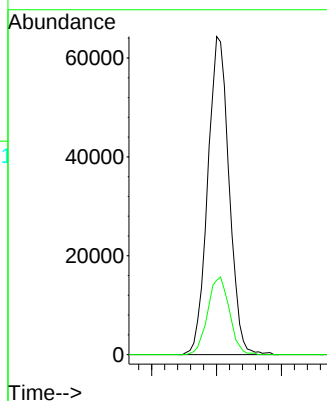
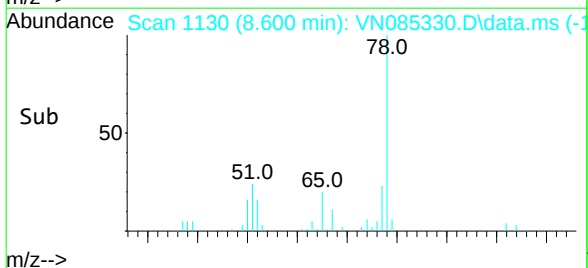
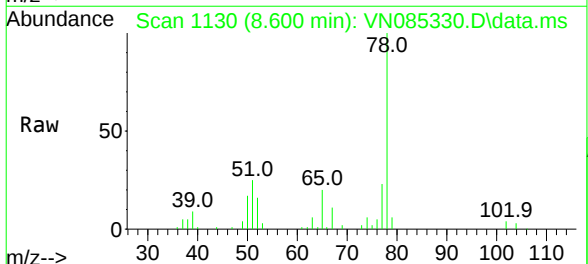
Manual Integrations
APPROVED

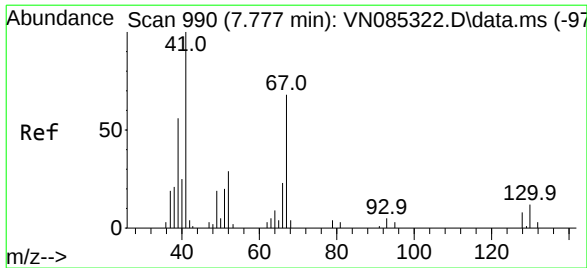
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#40
Benzene
Concen: 17.534 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Tgt Ion: 78 Resp: 146952
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4





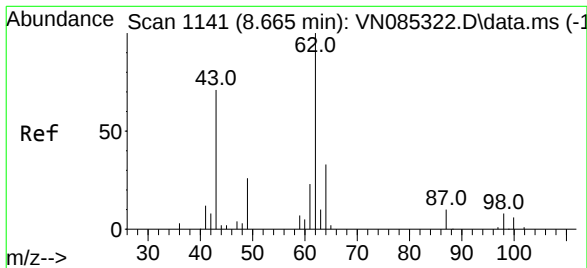
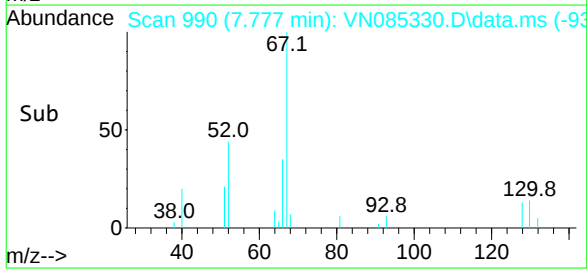
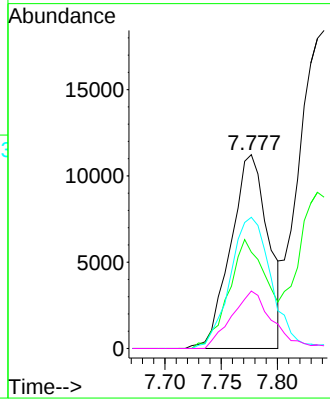
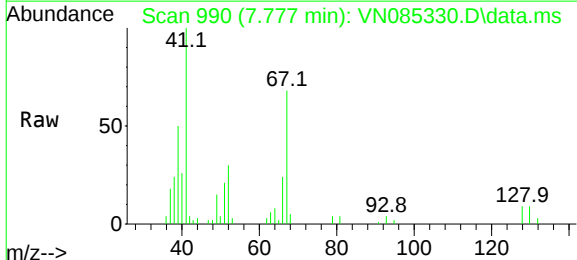
#41
Methacrylonitrile
Concen: 18.484 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01

Tgt Ion:	41	Resp:	26082
Ion	Ratio	Lower	Upper
41	100		
39	57.2	45.8	68.8
67	74.2	57.1	85.7
52	32.4	25.1	37.7

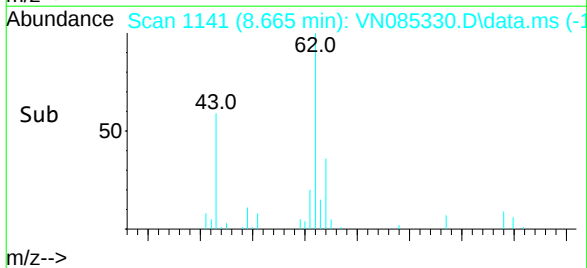
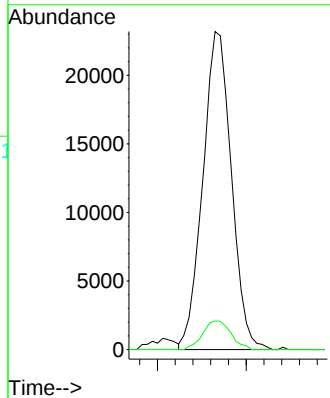
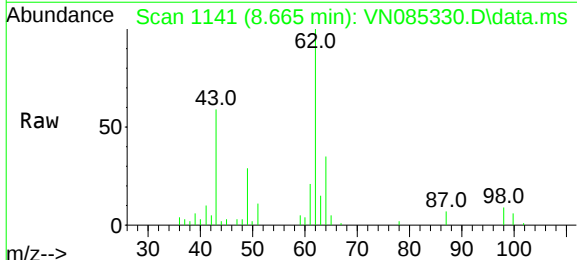
Manual Integrations
APPROVED

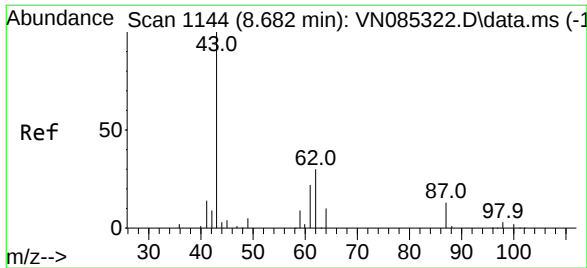
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#42
1,2-Dichloroethane
Concen: 17.267 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Tgt Ion:	62	Resp:	51885
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.6





#43

Isopropyl Acetate

Concen: 18.499 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VN085330.D

Acq: 27 Dec 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBS01

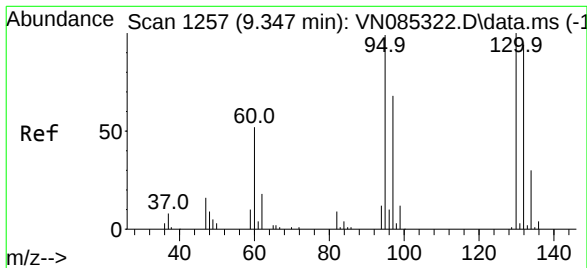
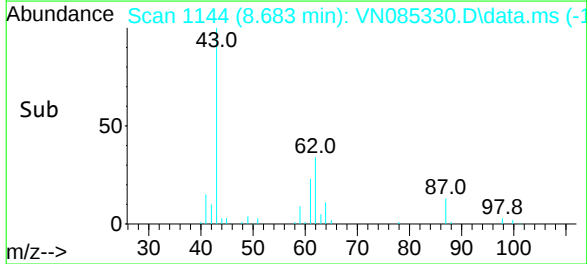
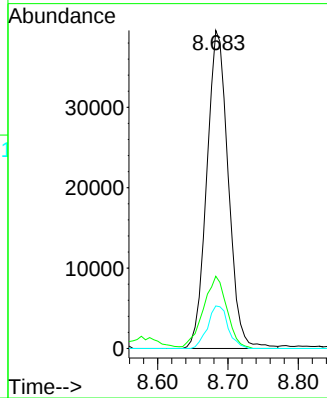
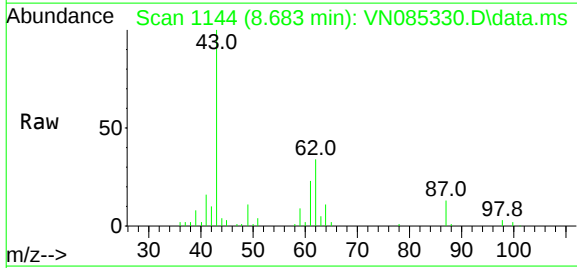
Tgt Ion:	43	Resp:	83925
Ion	Ratio	Lower	Upper
43	100		
61	25.1	20.8	31.2
87	12.7	10.2	15.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#44

Trichloroethene

Concen: 16.790 ug/l

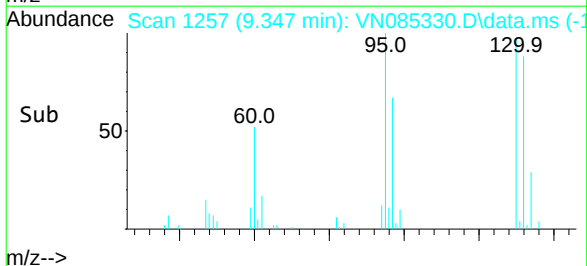
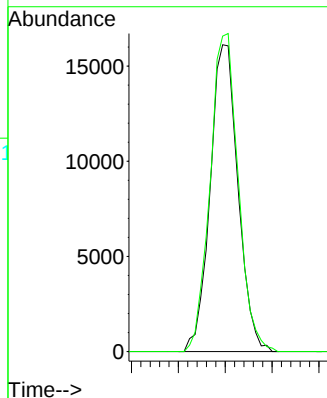
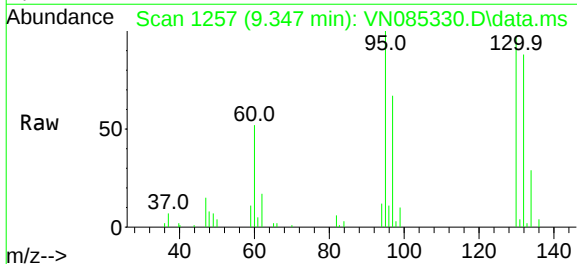
RT: 9.347 min Scan# 1257

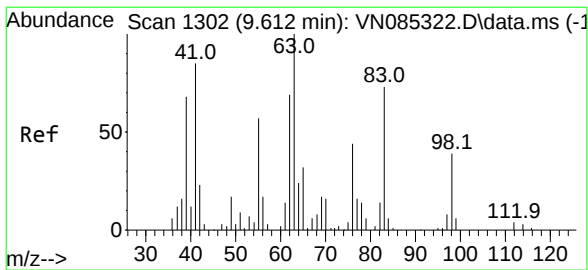
Delta R.T. 0.000 min

Lab File: VN085330.D

Acq: 27 Dec 2024 16:57

Tgt Ion:	130	Resp:	33316
Ion	Ratio	Lower	Upper
130	100		
95	102.8	0.0	197.8





#45

1,2-Dichloropropane

Concen: 17.646 ug/l

RT: 9.618 min Scan# 1302

Delta R.T. 0.006 min

Lab File: VN085330.D

Acq: 27 Dec 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBS01

Tgt Ion: 63 Resp: 37543

Ion Ratio Lower Upper

63 100

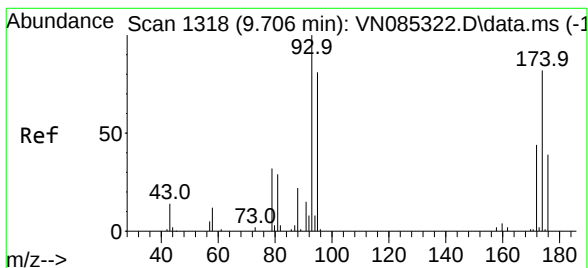
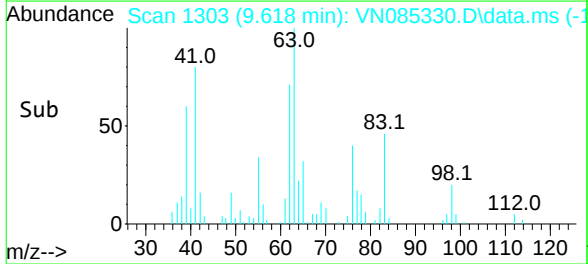
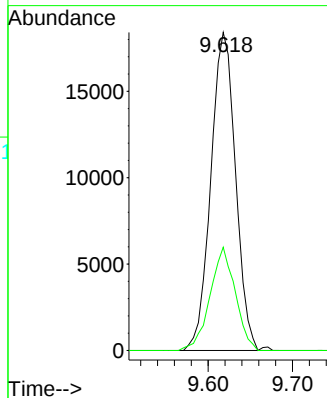
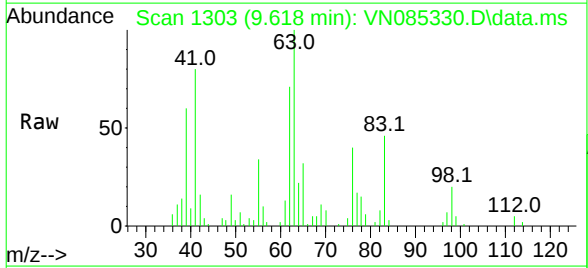
65 32.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#46

Dibromomethane

Concen: 17.895 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085330.D

Acq: 27 Dec 2024 16:57

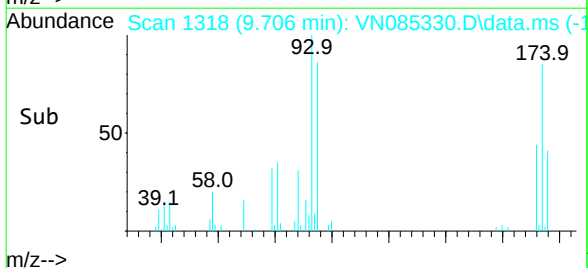
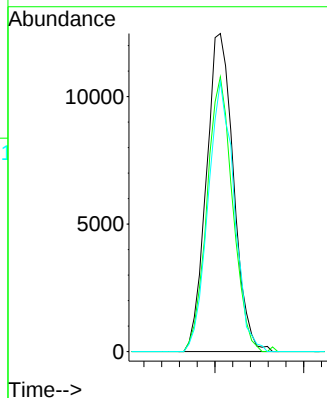
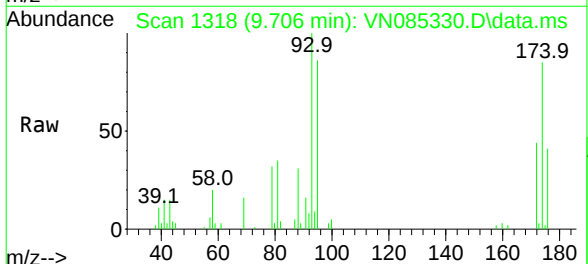
Tgt Ion: 93 Resp: 26479

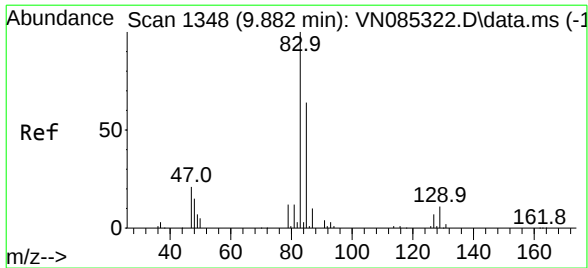
Ion Ratio Lower Upper

93 100

95 81.6 65.3 97.9

174 81.4 66.4 99.6





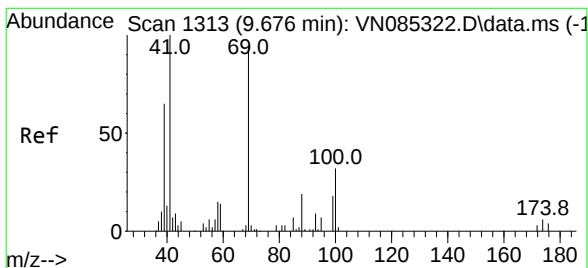
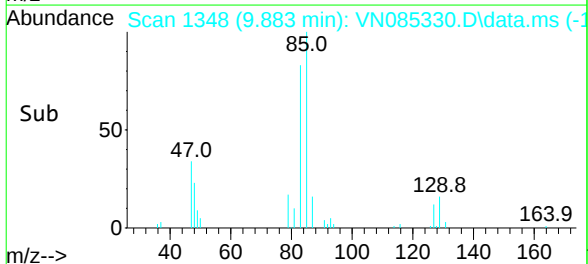
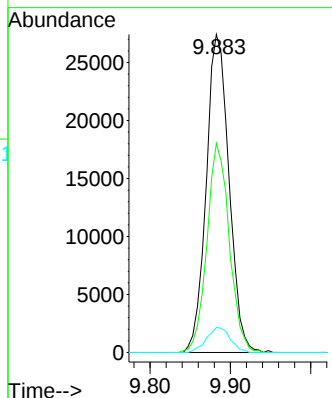
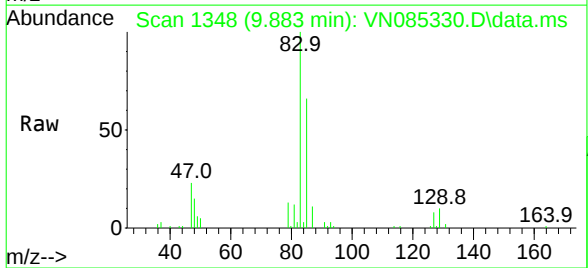
#47
 Bromodichloromethane
 Concen: 17.565 ug/l
 RT: 9.883 min Scan# 1348
 Delta R.T. 0.000 min
 Lab File: VN085330.D
 Acq: 27 Dec 2024 16:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227WBS01

Tgt Ion:	83	Resp:	54021
Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.0	76.4
127	7.9	5.8	8.6

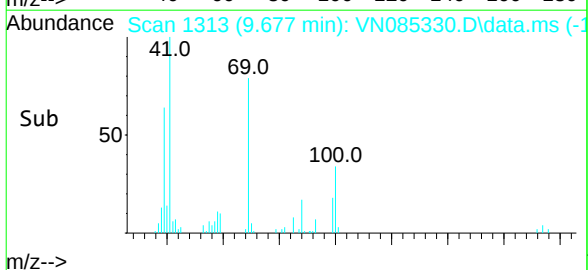
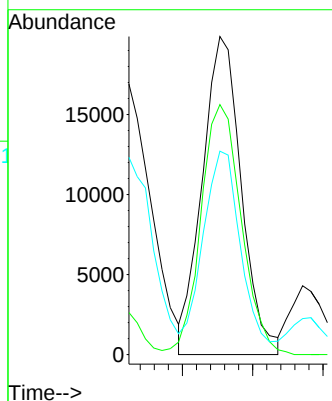
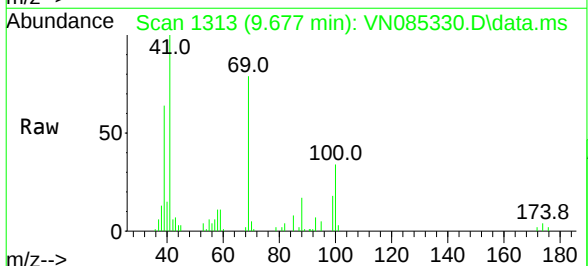
Manual Integrations
 APPROVED

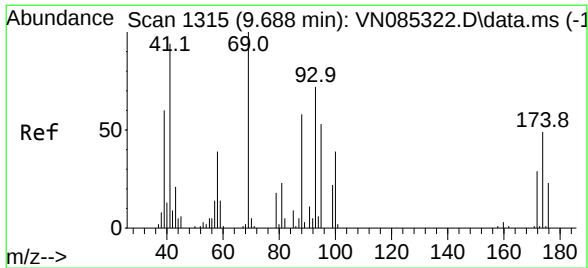
Reviewed By :John Carlone 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024



#48
 Methyl methacrylate
 Concen: 19.497 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. 0.000 min
 Lab File: VN085330.D
 Acq: 27 Dec 2024 16:57

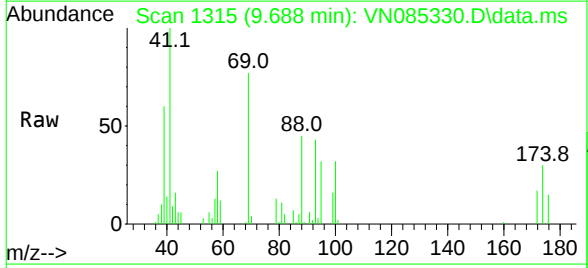
Tgt Ion:	41	Resp:	38382
Ion	Ratio	Lower	Upper
41	100		
69	81.1	67.7	101.5
39	62.2	51.2	76.8





#49
1,4-Dioxane
Concen: 446.267 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

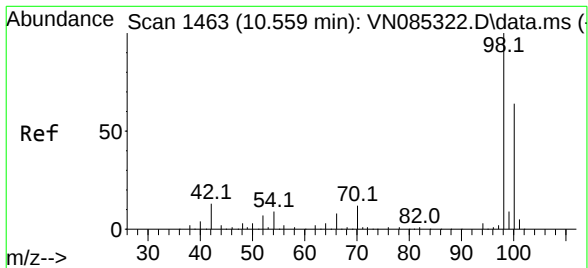
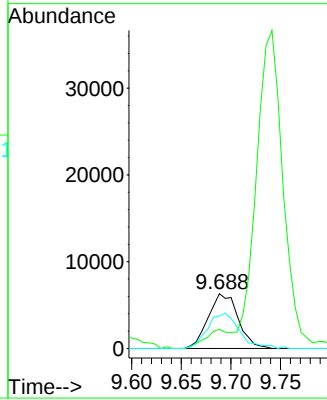
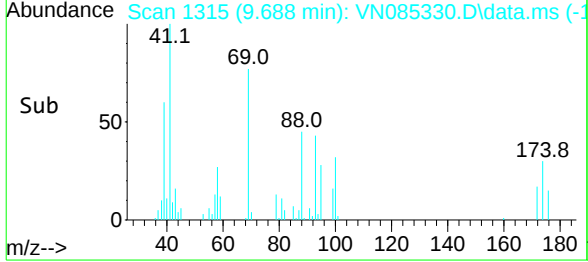
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01



Tgt Ion: 88 Resp: 13255
Ion Ratio Lower Upper
88 100
43 29.2 22.1 33.1
58 68.8 56.7 85.1

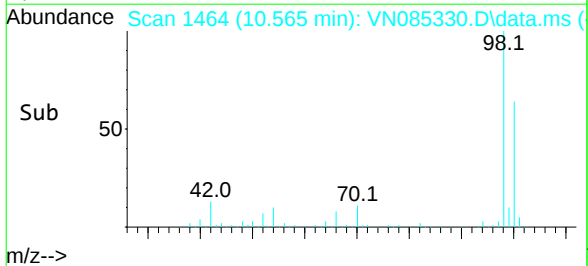
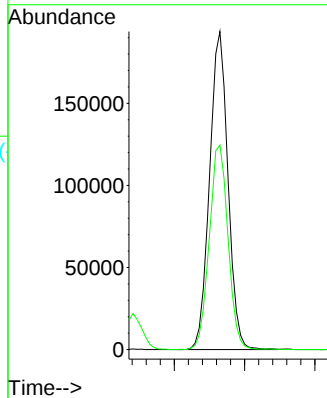
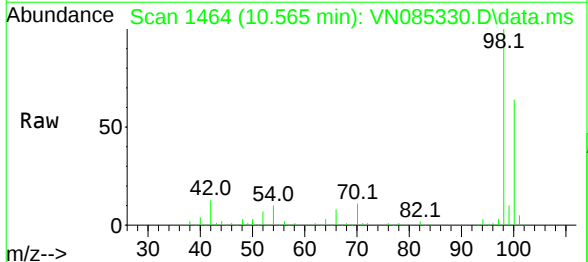
Manual Integrations
APPROVED

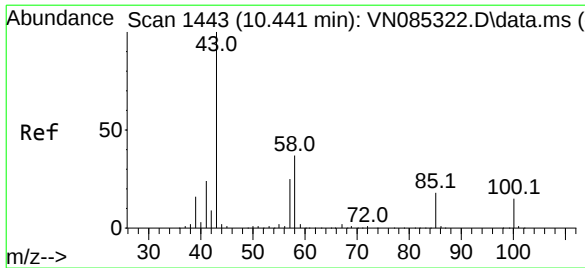
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#50
Toluene-d8
Concen: 50.625 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Tgt Ion: 98 Resp: 351721
Ion Ratio Lower Upper
98 100
100 65.7 51.5 77.3





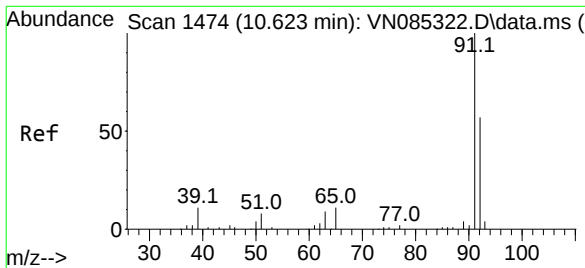
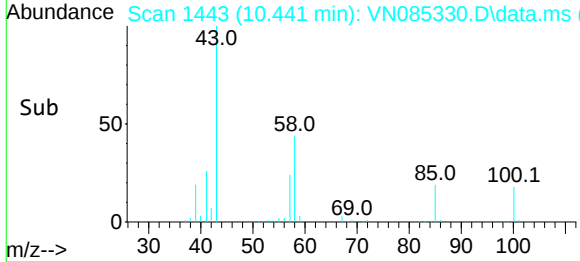
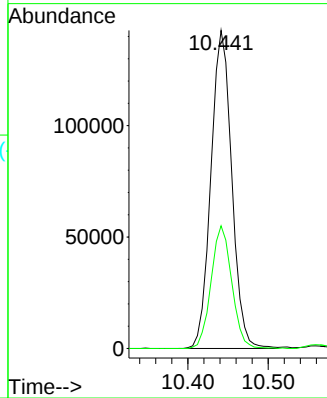
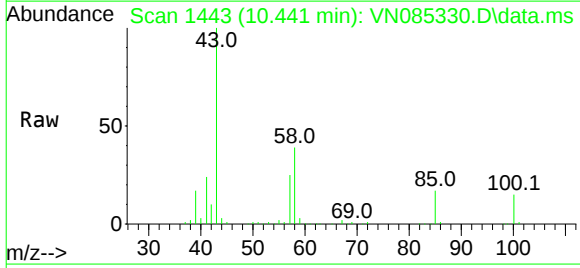
#51
4-Methyl-2-Pentanone
Concen: 100.886 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01

Tgt Ion: 43 Resp: 257213
Ion Ratio Lower Upper
43 100
58 38.2 30.3 45.5

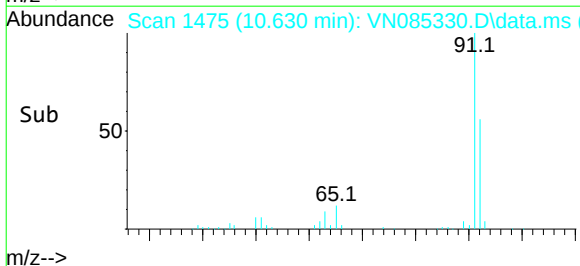
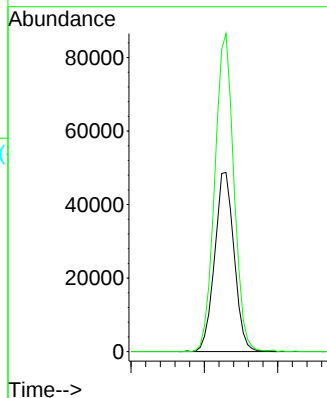
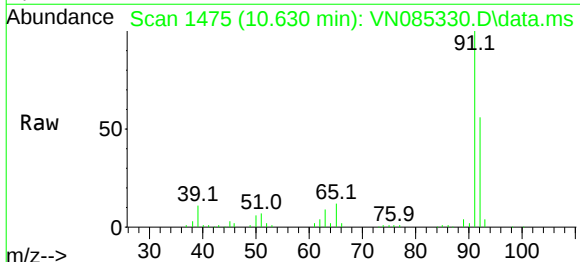
Manual Integrations
APPROVED

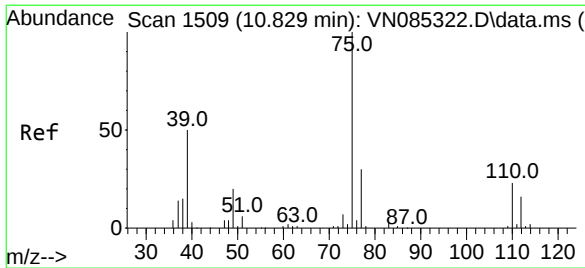
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#52
Toluene
Concen: 17.996 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

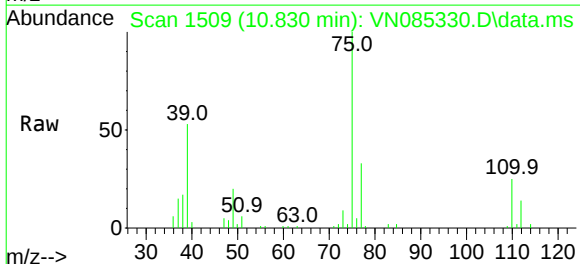
Tgt Ion: 92 Resp: 89808
Ion Ratio Lower Upper
92 100
91 174.5 140.2 210.4





#53
t-1,3-Dichloropropene
Concen: 17.777 ug/l
RT: 10.830 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

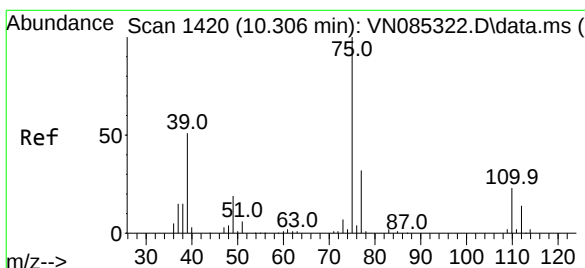
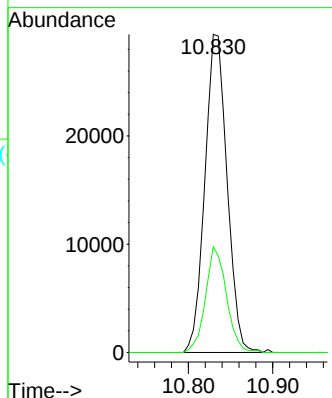
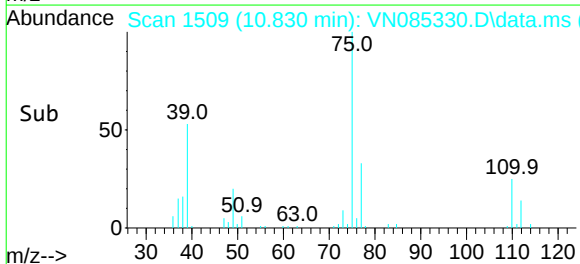
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01



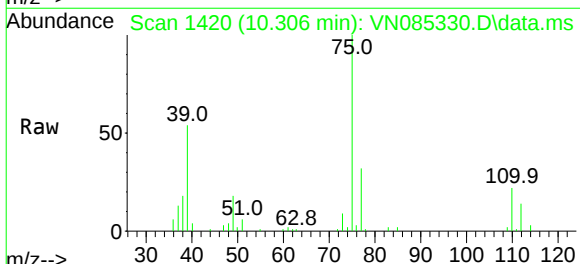
Tgt Ion: 75 Resp: 53764
Ion Ratio Lower Upper
75 100
77 33.2 23.8 35.6

Manual Integrations
APPROVED

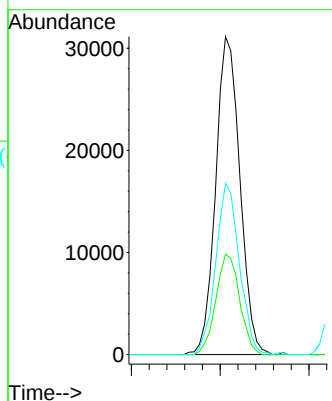
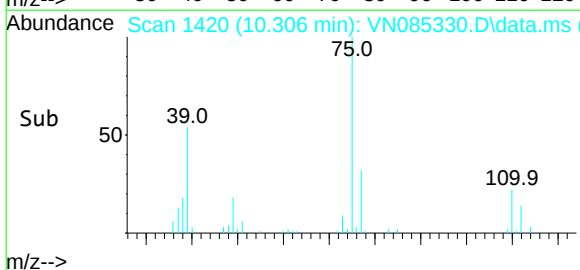
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

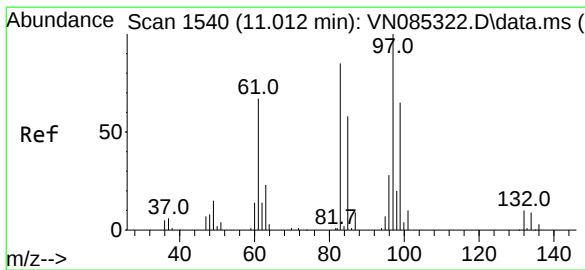


#54
cis-1,3-Dichloropropene
Concen: 18.049 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57



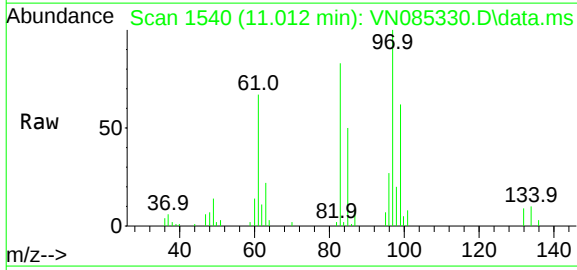
Tgt Ion: 75 Resp: 59027
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3
39 53.9 40.5 60.7





#55
1,1,2-Trichloroethane
Concen: 18.402 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

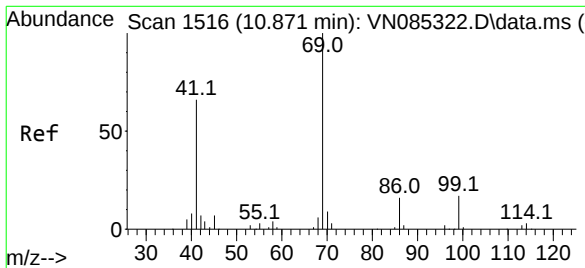
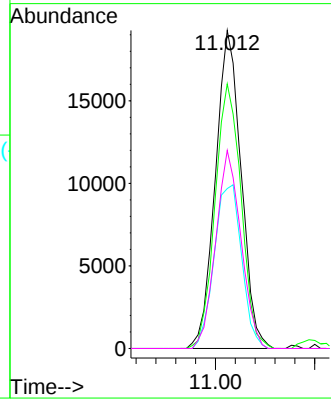
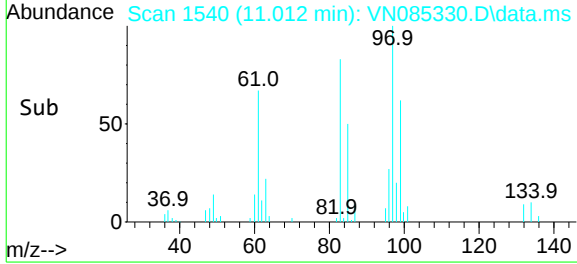
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01



Tgt Ion:	97	Resp:	34671
Ion	Ratio	Lower	Upper
97	100		
83	83.2	67.7	101.5
85	50.3	46.2	69.4
99	62.3	51.8	77.6

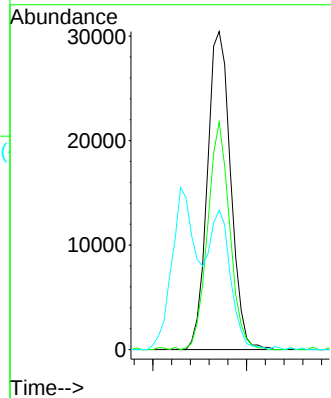
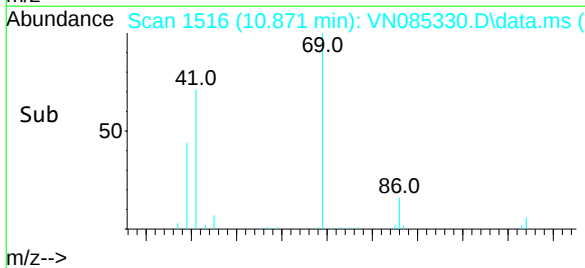
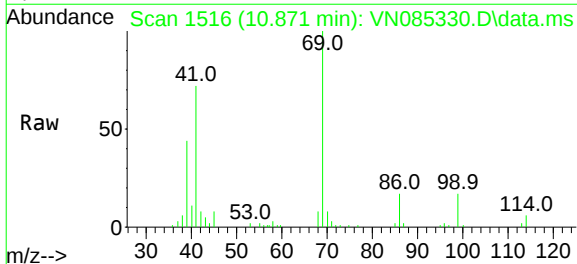
Manual Integrations
APPROVED

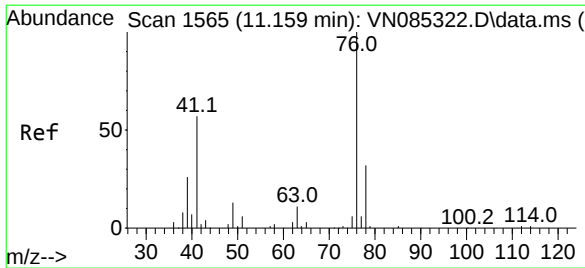
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#56
Ethyl methacrylate
Concen: 19.165 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

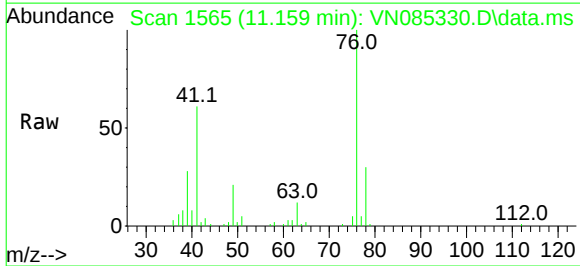
Tgt Ion:	69	Resp:	52590
Ion	Ratio	Lower	Upper
69	100		
41	67.8	54.3	81.5
39	40.7	32.0	48.0





#57
1,3-Dichloropropane
Concen: 18.308 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

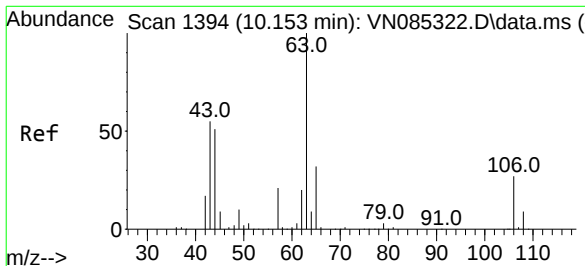
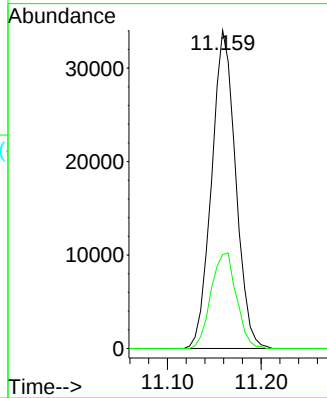
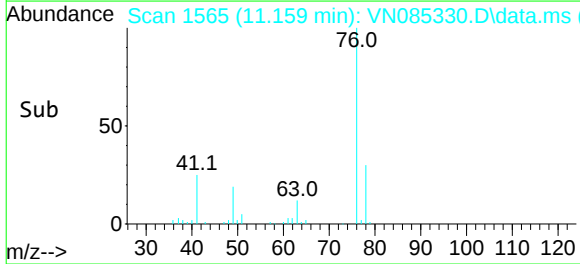
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01



Tgt Ion: 76 Resp: 60541
Ion Ratio Lower Upper
76 100
78 31.8 25.5 38.3

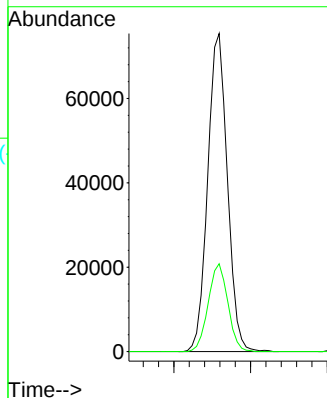
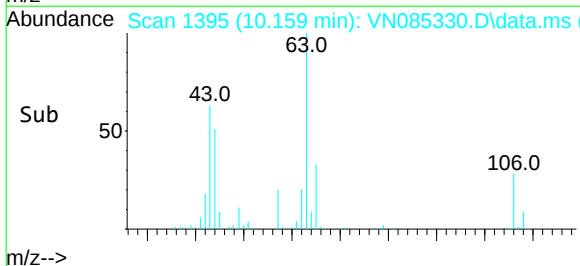
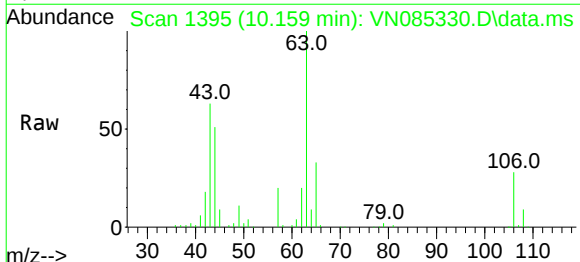
Manual Integrations
APPROVED

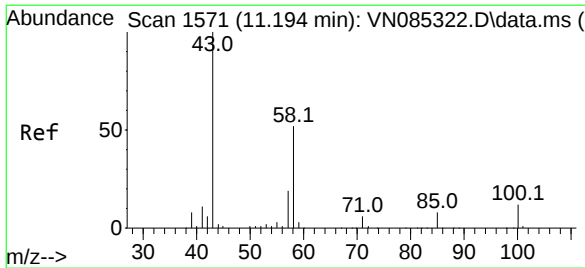
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#58
2-Chloroethyl Vinyl ether
Concen: 101.065 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Tgt Ion: 63 Resp: 134176
Ion Ratio Lower Upper
63 100
106 27.6 22.1 33.1





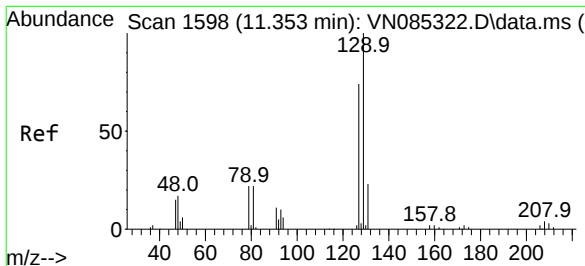
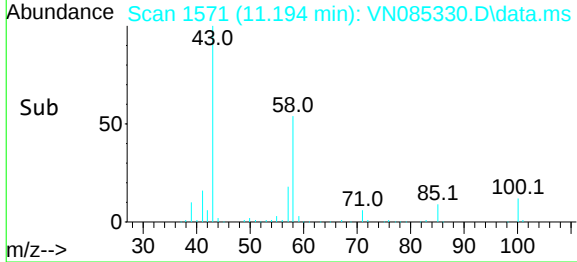
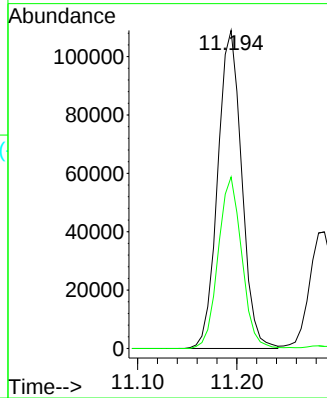
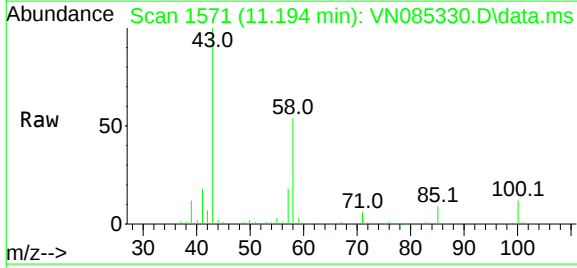
#59
2-Hexanone
Concen: 103.517 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01

Tgt Ion: 43 Resp: 183110
Ion Ratio Lower Upper
43 100
58 53.1 26.5 79.5

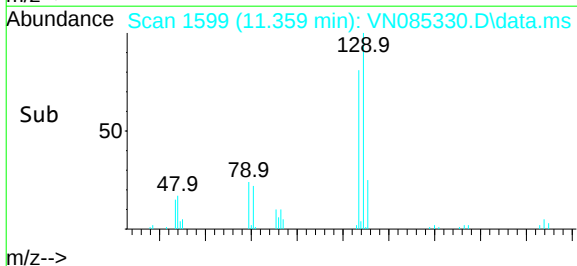
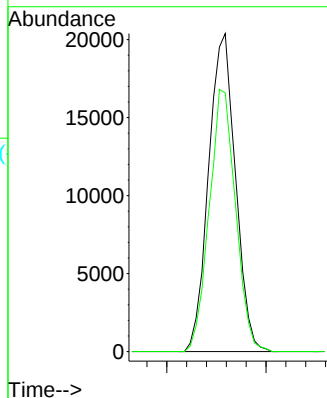
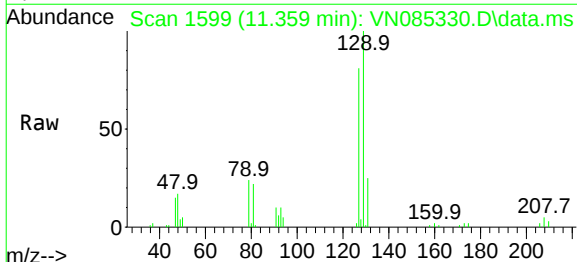
Manual Integrations
APPROVED

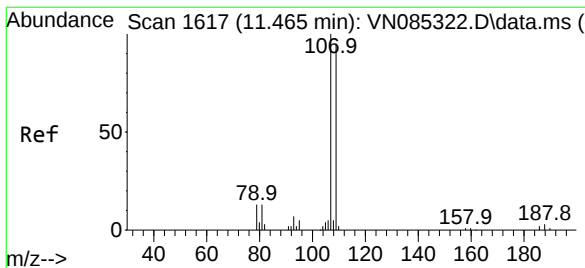
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#60
Dibromochloromethane
Concen: 18.067 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

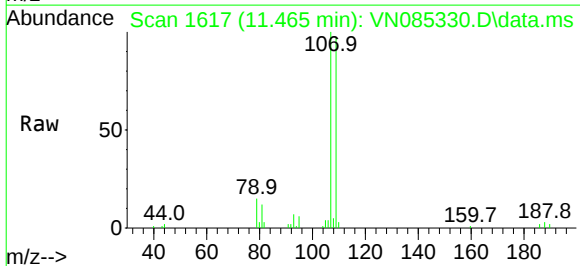
Tgt Ion:129 Resp: 38342
Ion Ratio Lower Upper
129 100
127 80.8 38.3 114.9





#61
1,2-Dibromoethane
Concen: 18.152 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

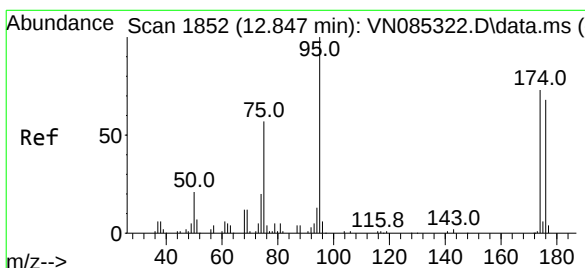
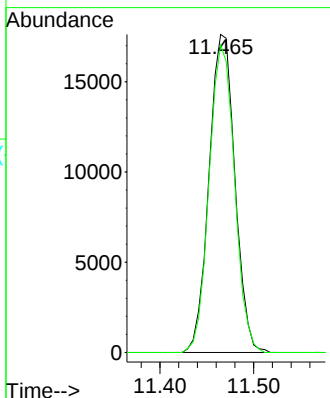
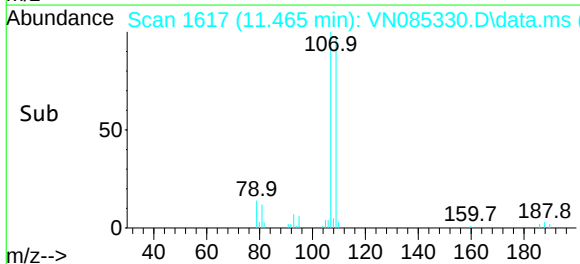
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01



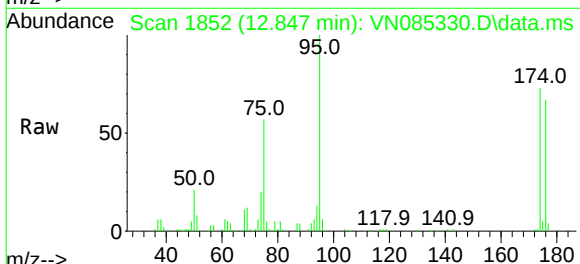
Tgt Ion: 107 Resp: 33837
Ion Ratio Lower Upper
107 100
109 94.8 74.9 112.3

Manual Integrations
APPROVED

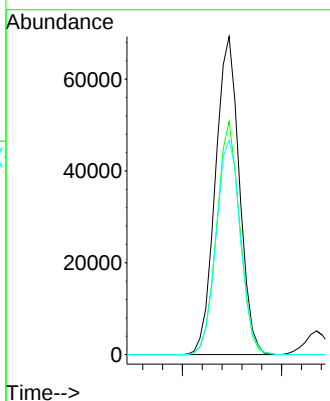
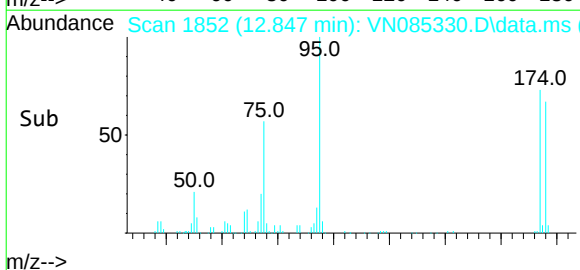
Reviewed By : John Carlone 12/30/2024
Supervised By : Mahesh Dadoda 12/30/2024

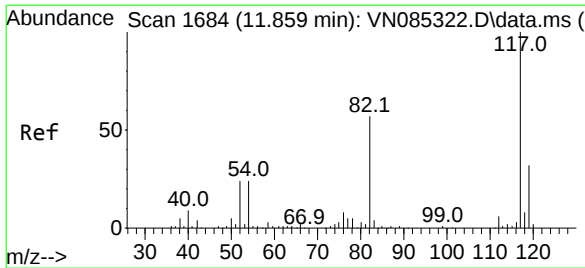


#62
4-Bromofluorobenzene
Concen: 50.489 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57



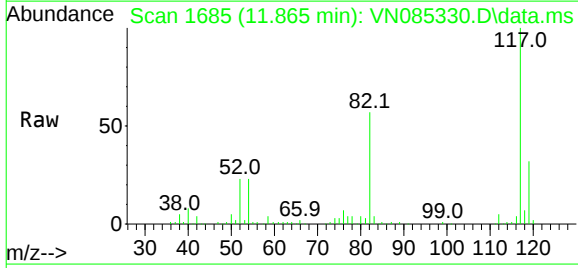
Tgt Ion: 95 Resp: 116494
Ion Ratio Lower Upper
95 100
174 70.7 0.0 143.2
176 68.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

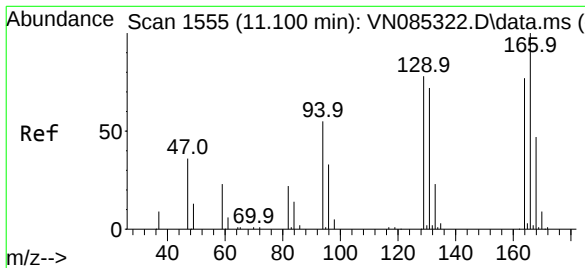
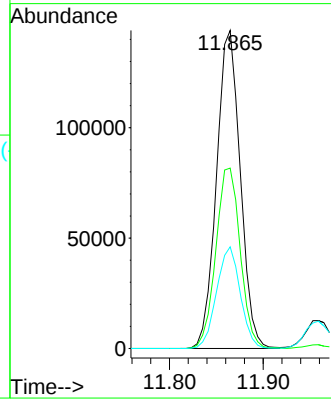
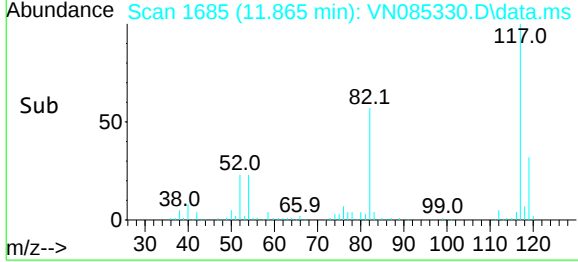
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01



Tgt Ion:117 Resp: 253770
Ion Ratio Lower Upper
117 100
82 56.7 45.7 68.5
119 32.0 25.8 38.8

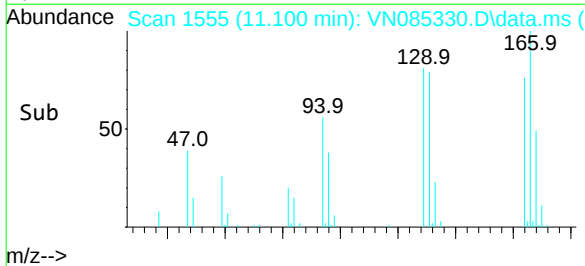
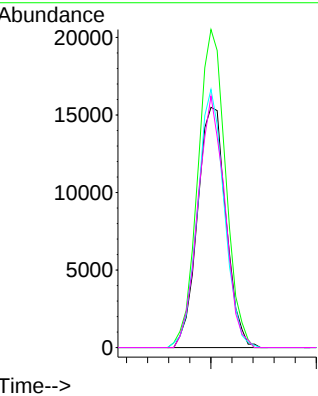
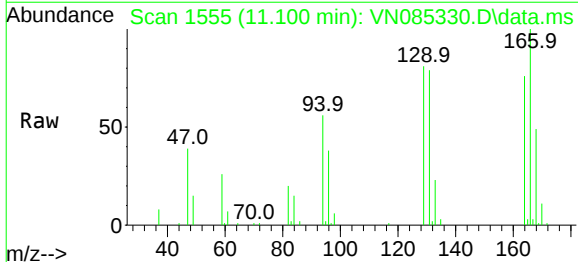
Manual Integrations
APPROVED

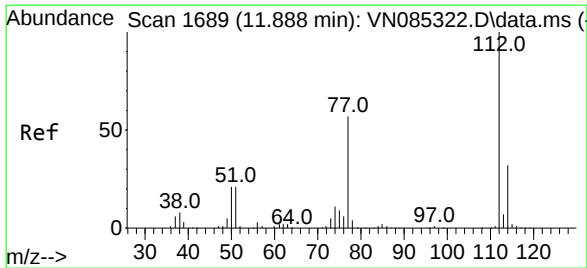
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#64
Tetrachloroethene
Concen: 18.045 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Tgt Ion:164 Resp: 29016
Ion Ratio Lower Upper
164 100
166 132.4 104.0 156.0
129 107.5 81.3 121.9
131 104.7 75.0 112.6





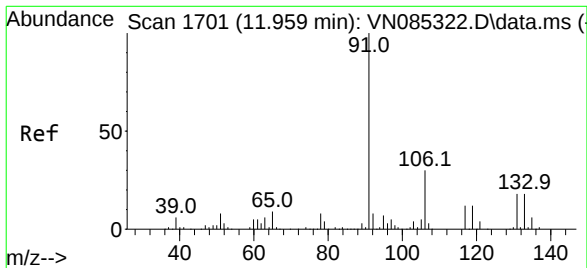
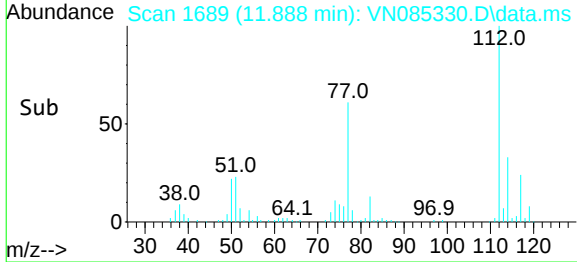
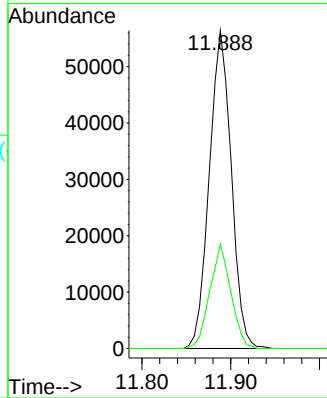
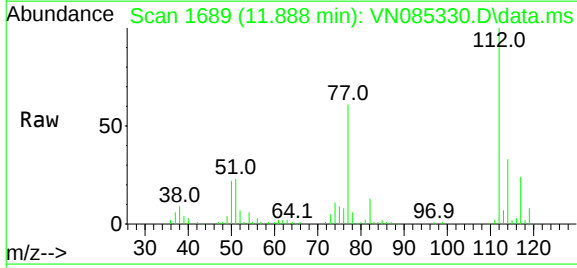
#65
Chlorobenzene
Concen: 17.719 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01

Tgt Ion:112 Resp: 97170
Ion Ratio Lower Upper
112 100
114 32.8 25.2 37.8

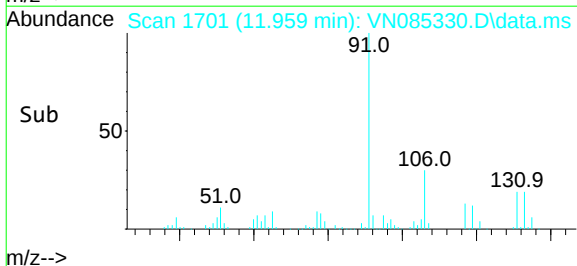
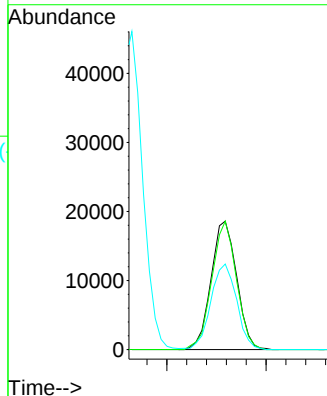
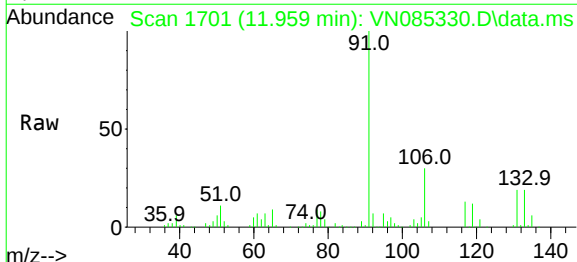
Manual Integrations
APPROVED

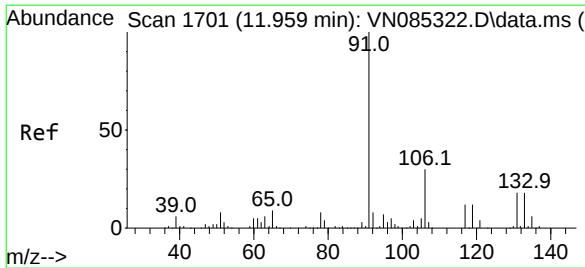
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.146 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Tgt Ion:131 Resp: 33399
Ion Ratio Lower Upper
131 100
133 95.7 48.3 144.9
119 67.1 33.4 100.1





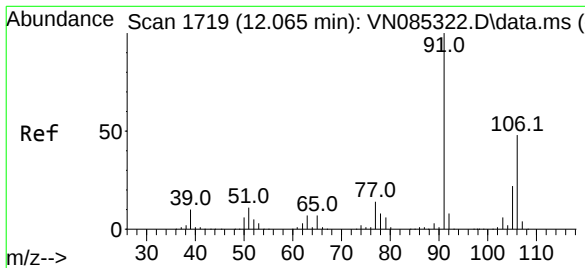
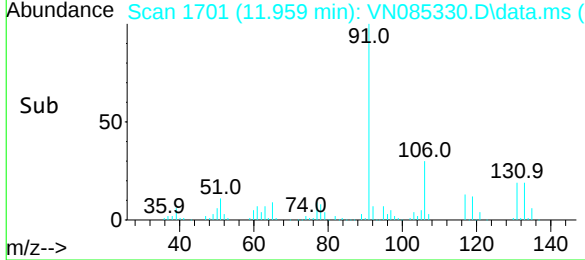
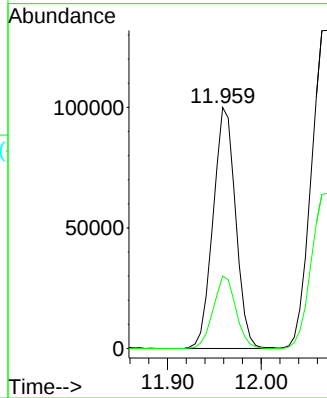
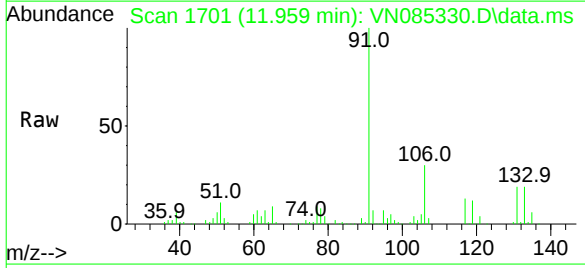
#67
Ethyl Benzene
Concen: 18.324 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01

Tgt Ion: 91 Resp: 167113
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0

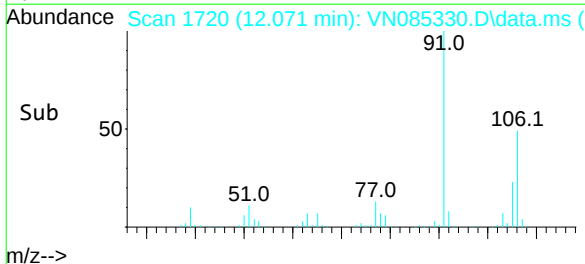
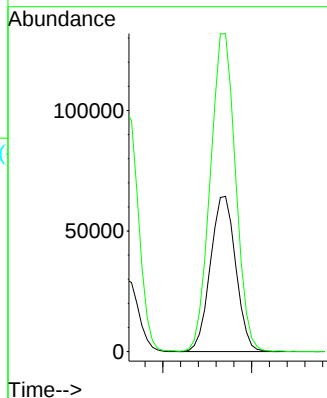
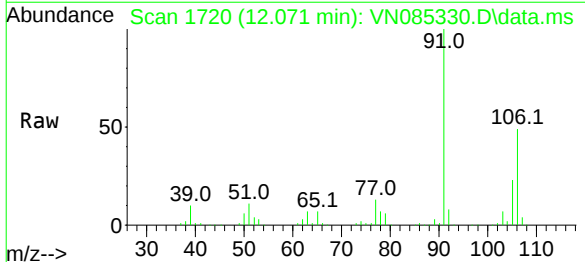
Manual Integrations
APPROVED

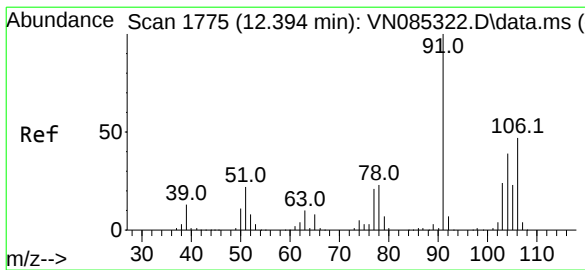
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#68
m/p-Xylenes
Concen: 38.314 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Tgt Ion:106 Resp: 127874
Ion Ratio Lower Upper
106 100
91 204.2 165.2 247.8





#69

o-Xylene

Concen: 18.187 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN085330.D

Acq: 27 Dec 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBS01

Tgt Ion:106 Resp: 58720

Ion Ratio Lower Upper

106 100

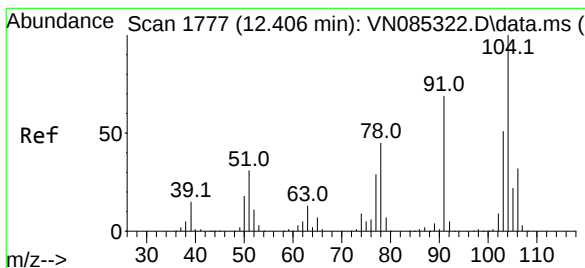
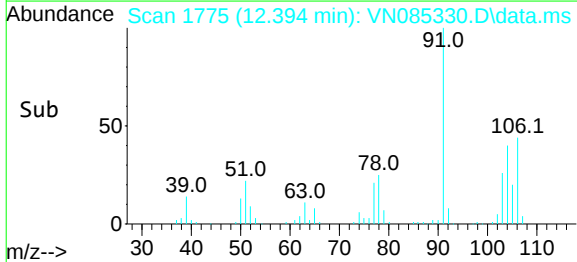
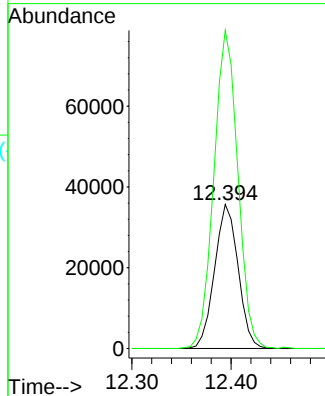
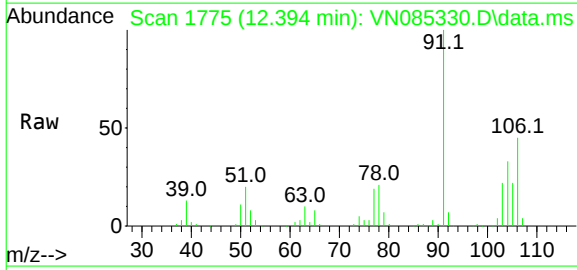
91 225.3 107.3 321.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#70

Styrene

Concen: 19.120 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN085330.D

Acq: 27 Dec 2024 16:57

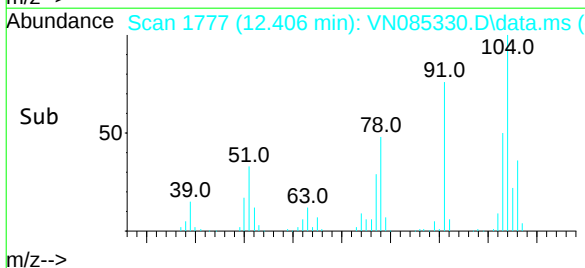
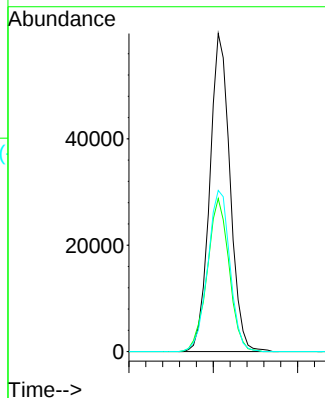
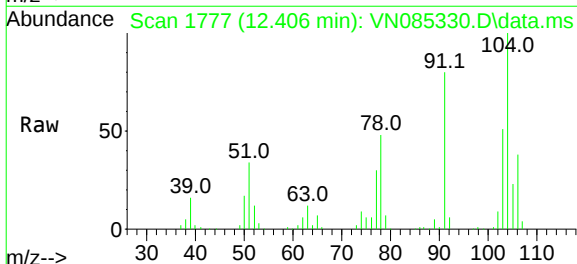
Tgt Ion:104 Resp: 100048

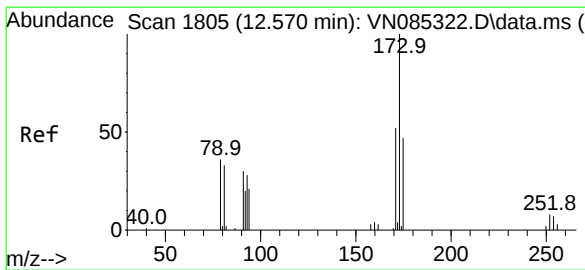
Ion Ratio Lower Upper

104 100

78 51.7 40.7 61.1

103 55.3 44.1 66.1





#71

Bromoform

Concen: 18.853 ug/l

RT: 12.571 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VN085330.D

Acq: 27 Dec 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBS01

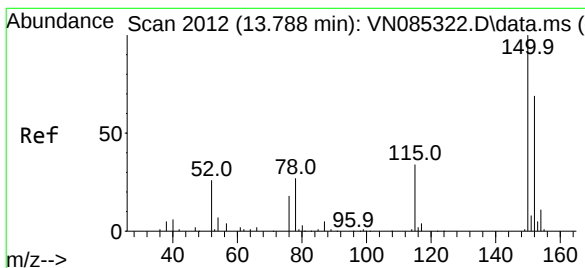
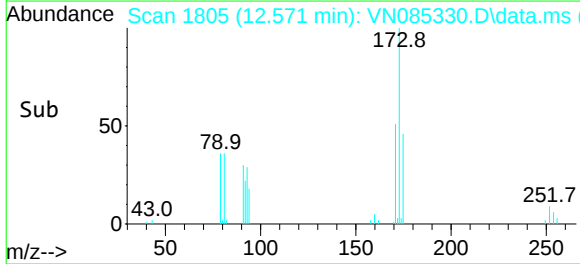
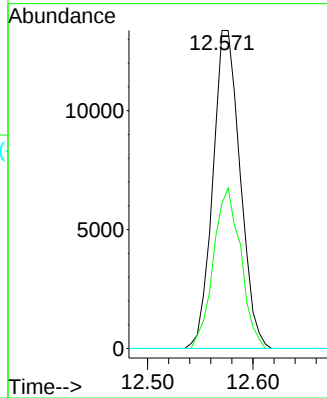
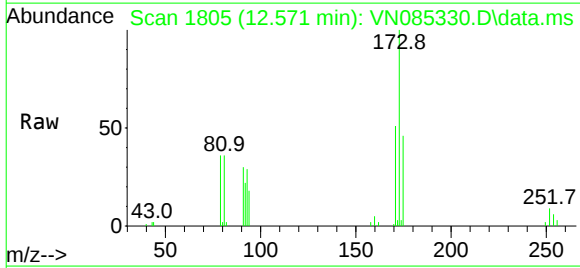
Tgt Ion:	173	Resp:	24033
Ion Ratio	Lower	Upper	
173	100		
175	50.6	24.4	73.4
254	0.0	0.0	0.0

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

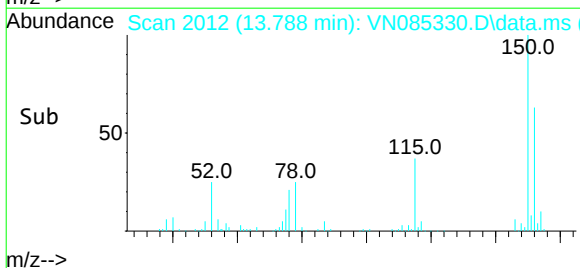
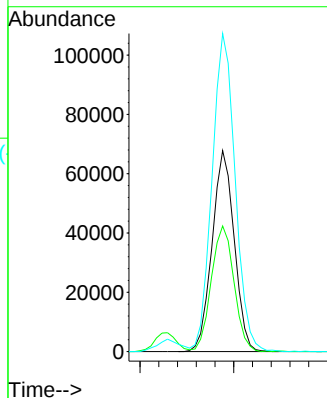
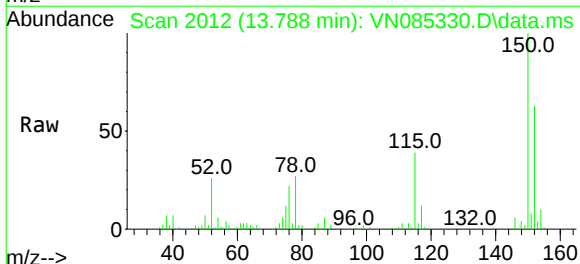
RT: 13.788 min Scan# 2012

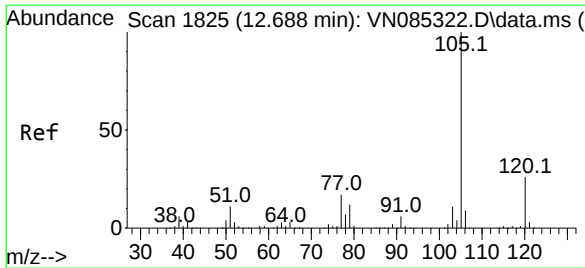
Delta R.T. 0.000 min

Lab File: VN085330.D

Acq: 27 Dec 2024 16:57

Tgt Ion:	152	Resp:	111138
Ion Ratio	Lower	Upper	
152	100		
115	64.1	30.4	91.3
150	165.3	0.0	345.0





#73

Isopropylbenzene

Concen: 18.757 ug/l

RT: 12.694 min Scan# 1825

Delta R.T. 0.006 min

Lab File: VN085330.D

Acq: 27 Dec 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBS01

Tgt Ion: 105 Resp: 149902

Ion Ratio Lower Upper

105 100

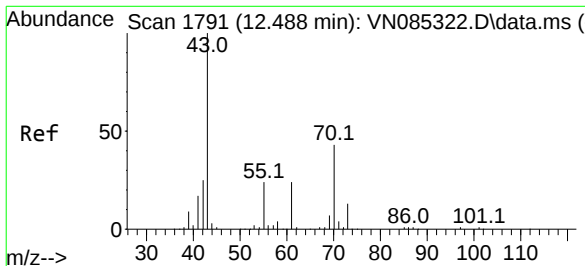
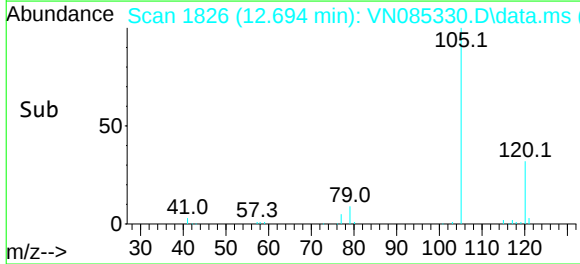
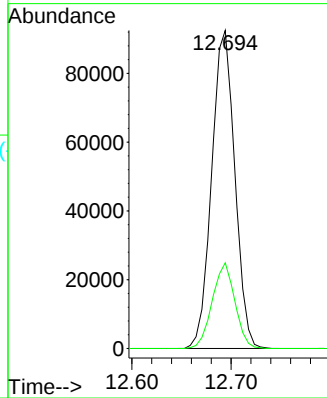
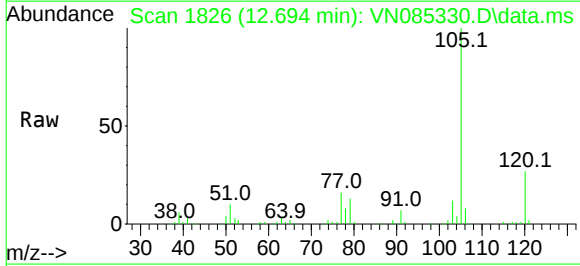
120 26.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#74

N-ethyl acetate

Concen: 20.419 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VN085330.D

Acq: 27 Dec 2024 16:57

Tgt Ion: 43 Resp: 69851

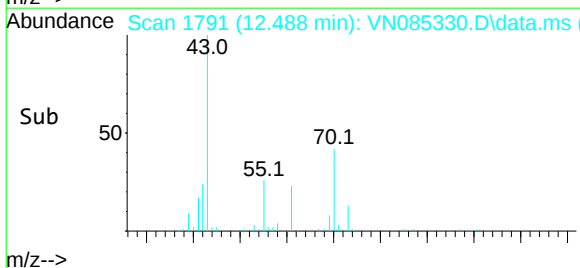
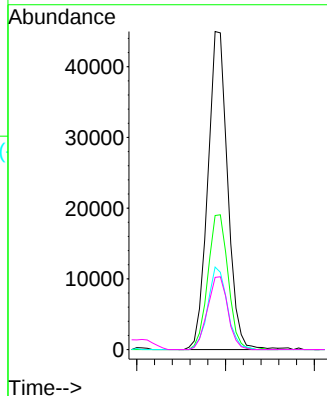
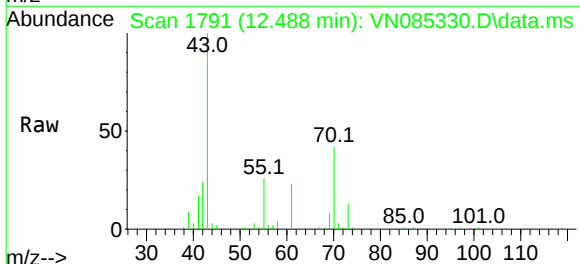
Ion Ratio Lower Upper

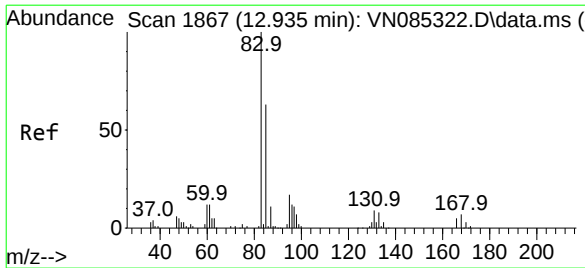
43 100

70 43.2 33.4 50.0

55 25.4 19.2 28.8

61 23.4 18.6 28.0





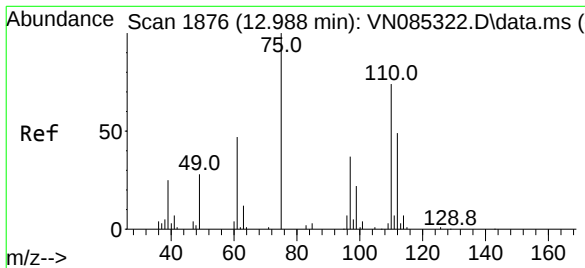
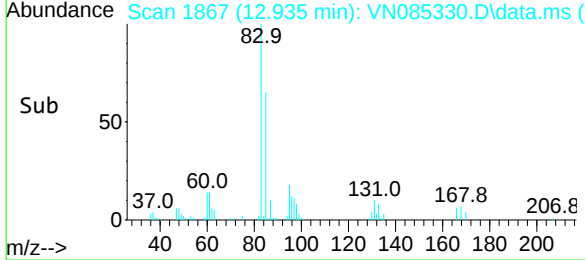
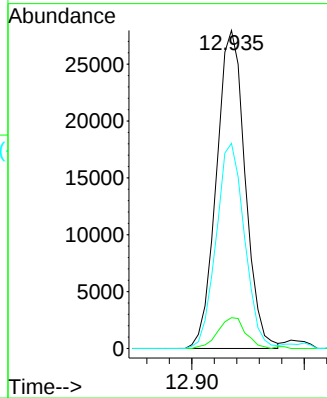
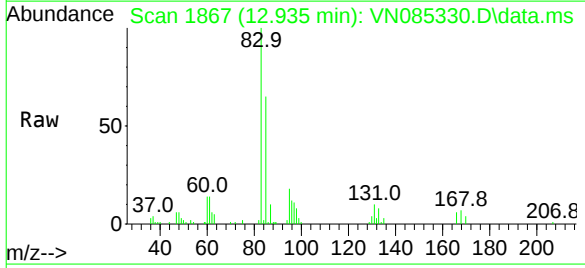
#75
1,1,2,2-Tetrachloroethane
Concen: 19.464 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.8	14.4
85	63.6	32.6	98.0

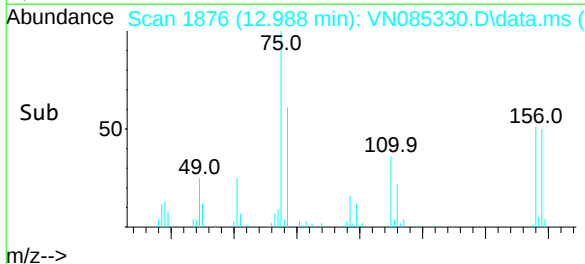
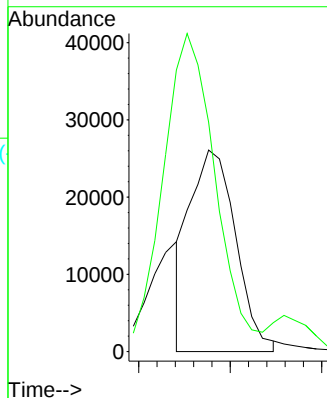
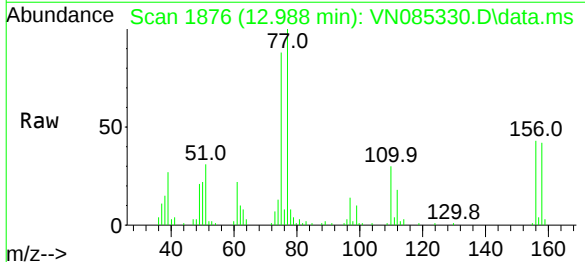
Manual Integrations
APPROVED

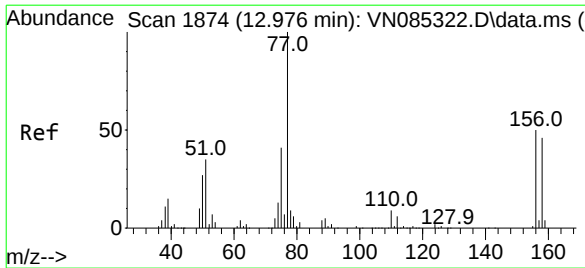
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#76
1,2,3-Trichloropropane
Concen: 21.944 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	180.7	98.1	294.3





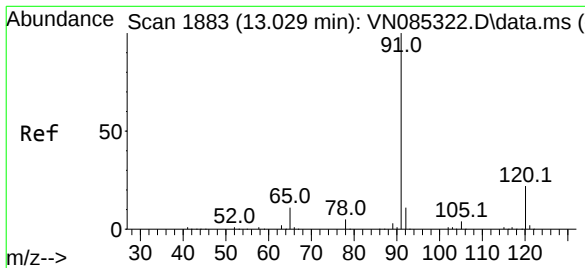
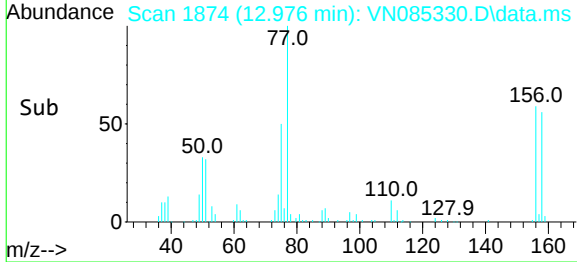
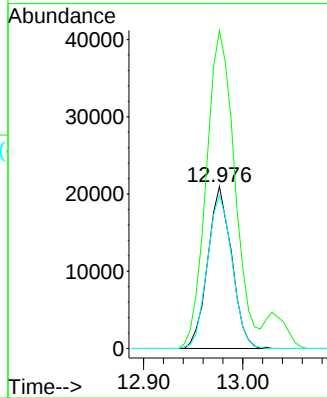
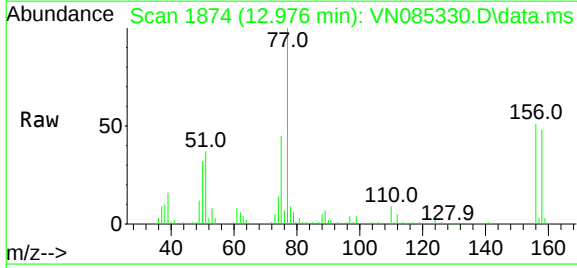
#77
Bromobenzene
Concen: 17.746 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01

Tgt Ion:156 Resp: 35139
Ion Ratio Lower Upper
156 100
77 234.2 114.0 342.0
158 98.1 47.6 142.8

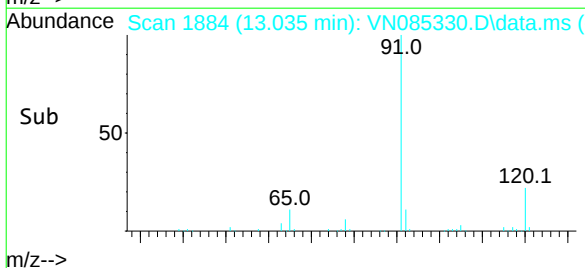
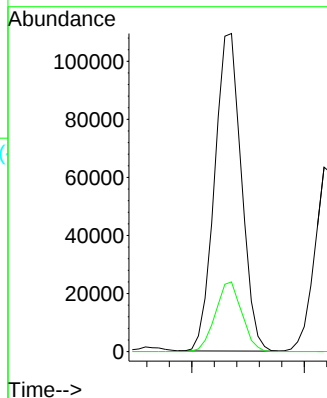
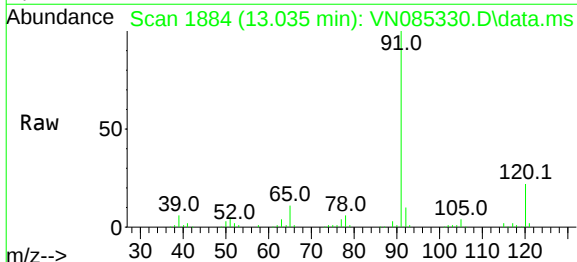
Manual Integrations
APPROVED

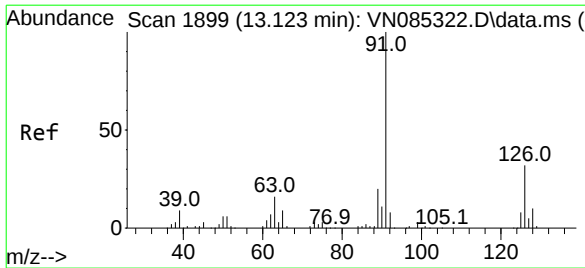
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#78
n-propylbenzene
Concen: 19.398 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Tgt Ion: 91 Resp: 180713
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.9





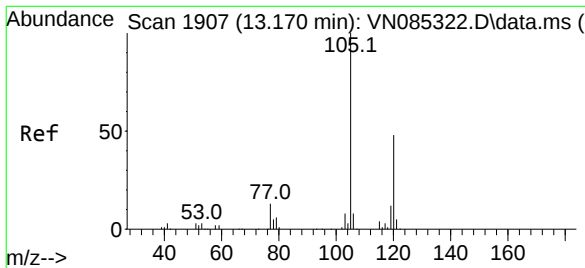
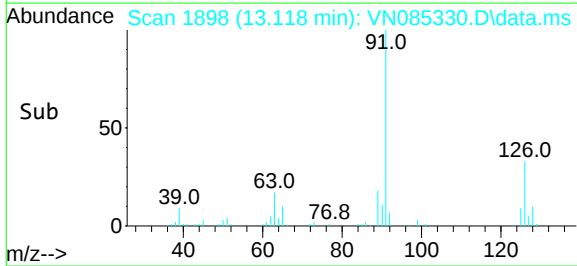
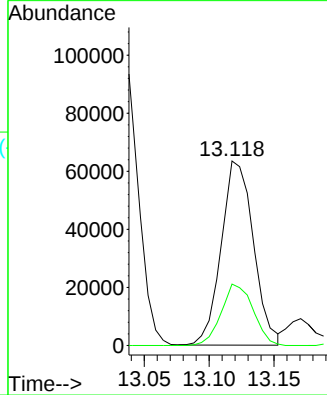
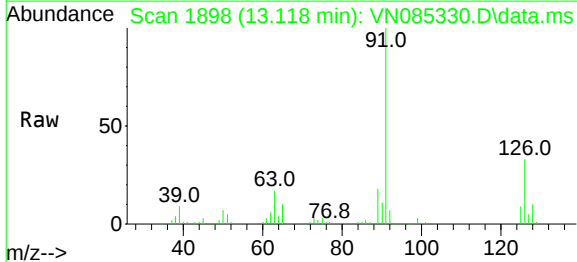
#79
2-Chlorotoluene
Concen: 18.744 ug/l
RT: 13.118 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01

Tgt Ion: 91 Resp: 109897
Ion Ratio Lower Upper
91 100
126 32.9 16.0 48.0

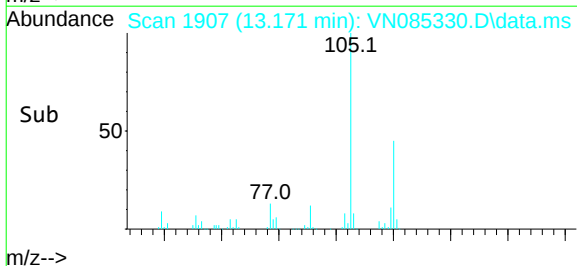
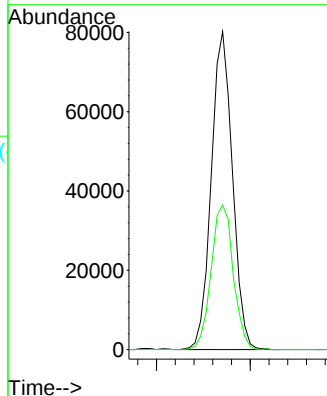
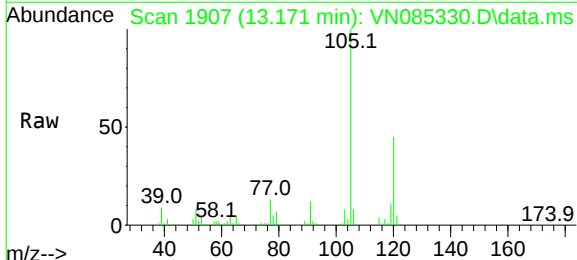
Manual Integrations
APPROVED

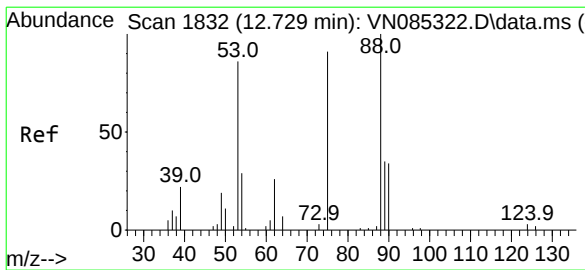
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.444 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Tgt Ion:105 Resp: 125698
Ion Ratio Lower Upper
105 100
120 47.5 24.0 72.0





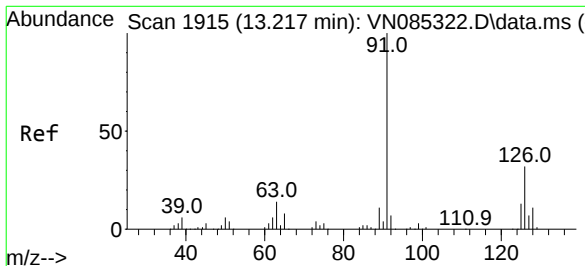
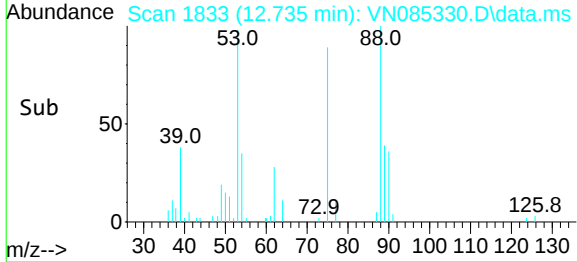
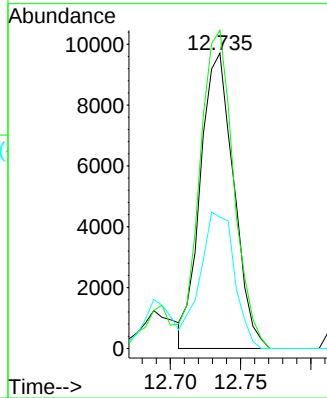
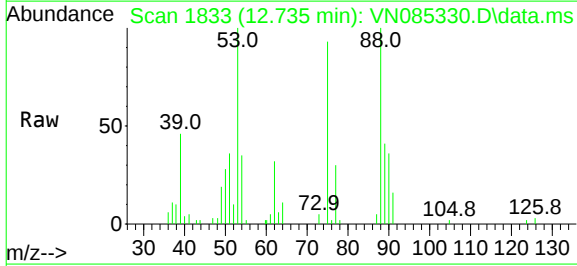
#81
trans-1,4-Dichloro-2-butene
Concen: 18.488 ug/l
RT: 12.735 min Scan# 1832
Delta R.T. 0.006 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01

Tgt Ion:	75	Resp:	16022
Ion	Ratio	Lower	Upper
75	100		
53	110.4	80.0	120.0
89	47.8	35.8	53.8

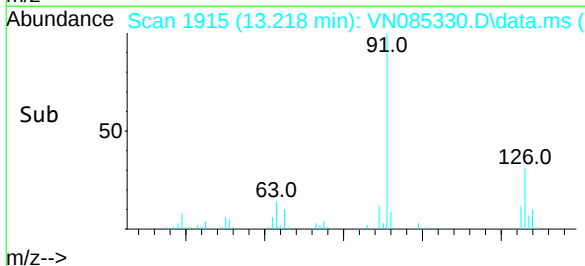
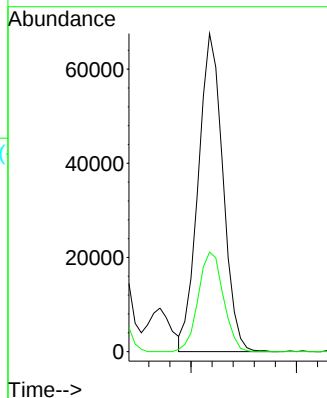
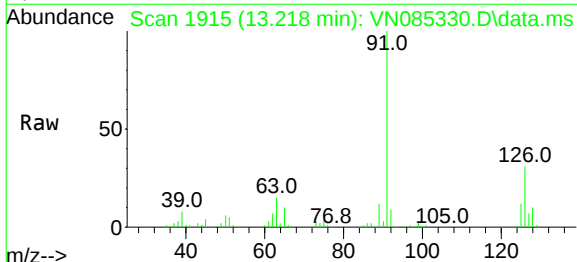
Manual Integrations
APPROVED

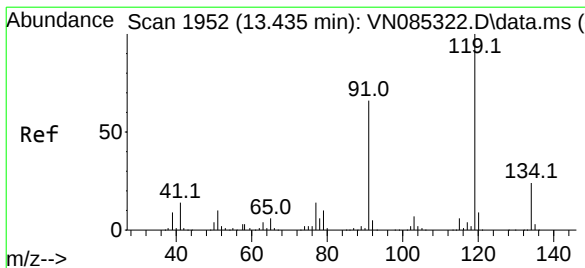
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#82
4-Chlorotoluene
Concen: 18.587 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Tgt Ion:	91	Resp:	109755
Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.4	49.4





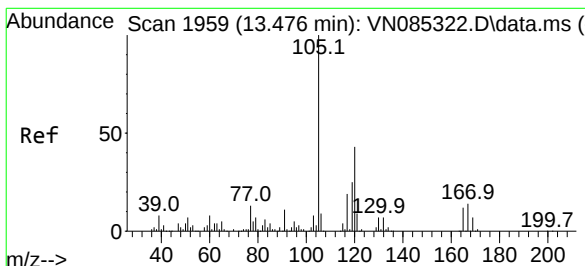
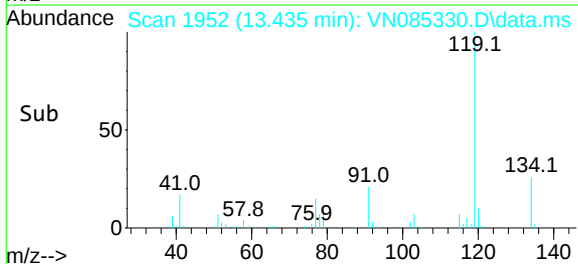
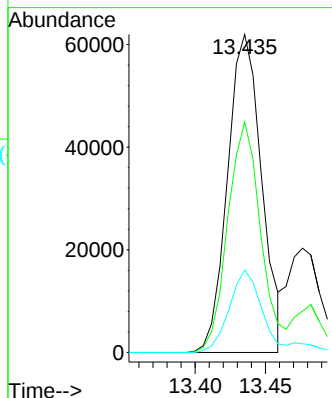
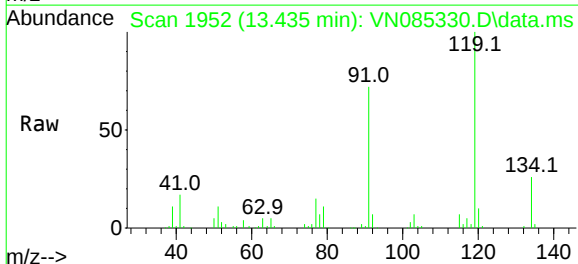
#83
tert-Butylbenzene
Concen: 18.682 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01

Tgt Ion:119 Resp: 104613
Ion Ratio Lower Upper
119 100
91 70.4 33.6 100.8
134 24.4 13.3 39.8

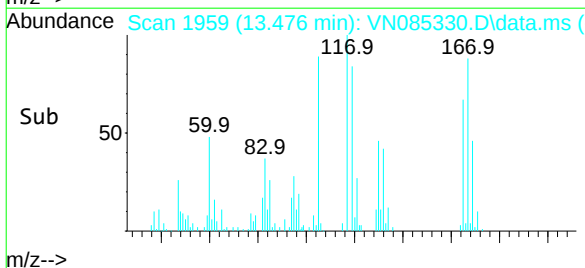
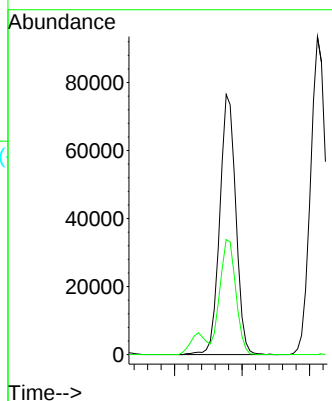
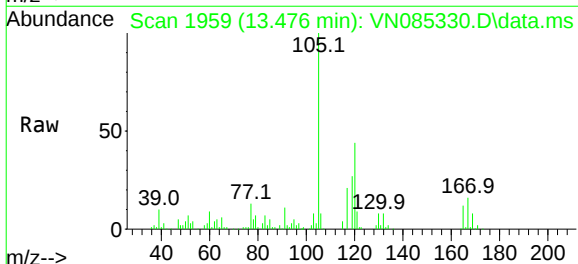
Manual Integrations
APPROVED

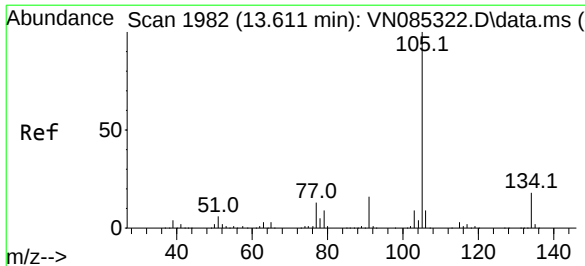
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#84
1,2,4-Trimethylbenzene
Concen: 19.659 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Tgt Ion:105 Resp: 126545
Ion Ratio Lower Upper
105 100
120 43.8 21.7 65.1





#85

sec-Butylbenzene

Concen: 19.266 ug/l

RT: 13.612 min Scan# 19

Delta R.T. 0.000 min

Lab File: VN085330.D

Acq: 27 Dec 2024 16:57

Instrument :

MSVOA_N

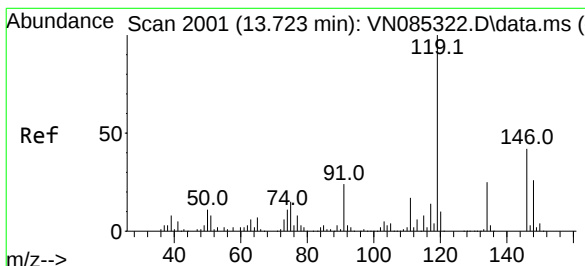
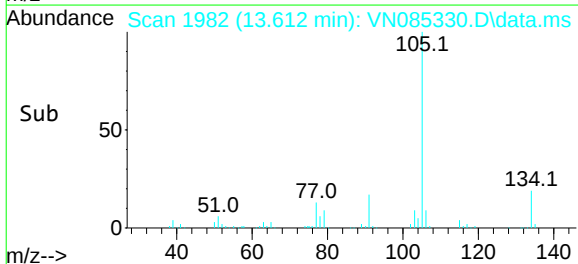
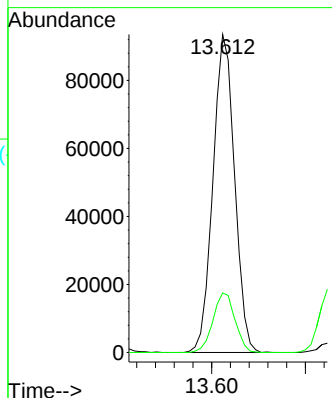
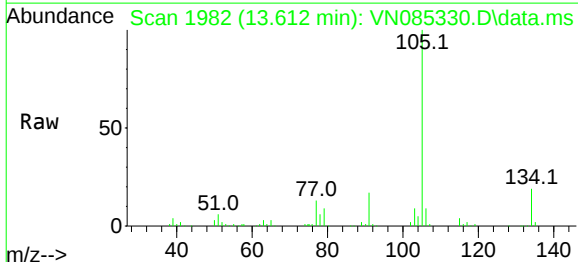
ClientSampleId :

VN1227WBS01

Tgt Ion:105 Resp: 149749
 Ion Ratio Lower Upper
 105 100
 134 19.1 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: 18.228 ug/l

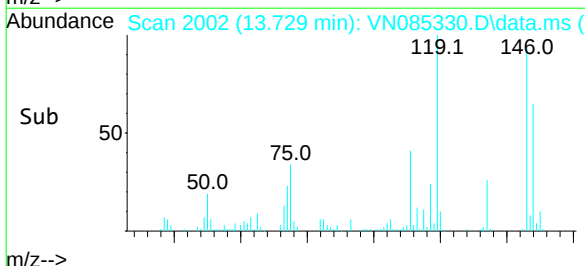
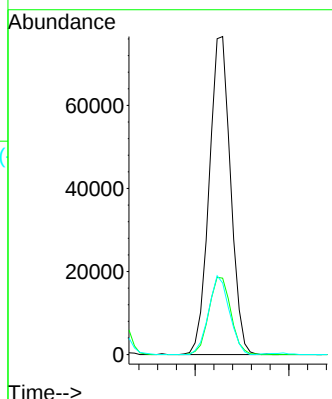
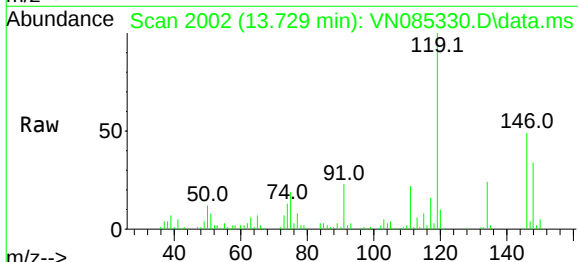
RT: 13.729 min Scan# 2002

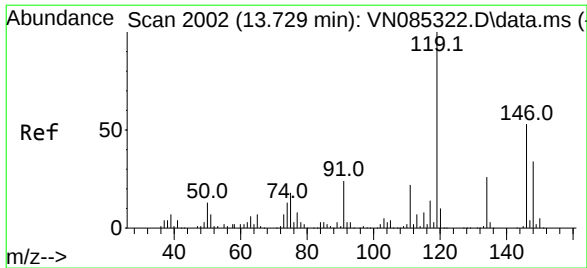
Delta R.T. 0.006 min

Lab File: VN085330.D

Acq: 27 Dec 2024 16:57

Tgt Ion:119 Resp: 121179
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.5 37.5
 91 24.1 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 18.395 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085330.D

Acq: 27 Dec 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBS01

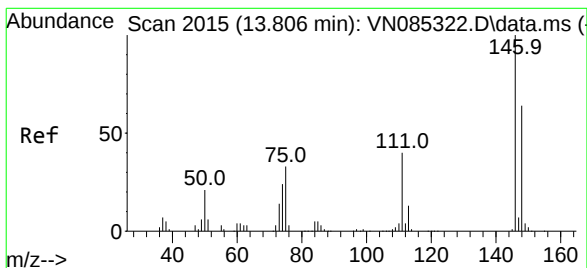
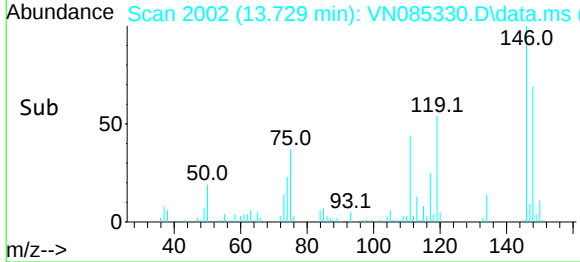
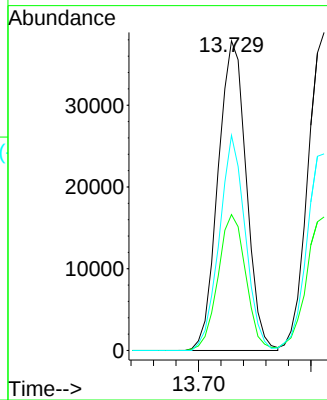
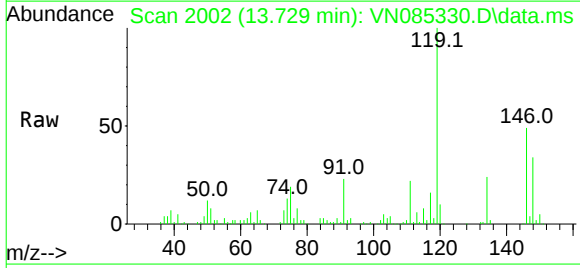
Tgt Ion:	146	Resp:	66029
Ion Ratio	Lower	Upper	
146	100		
111	43.4	21.3	63.9
148	63.9	31.5	94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#88

1,4-Dichlorobenzene

Concen: 17.686 ug/l

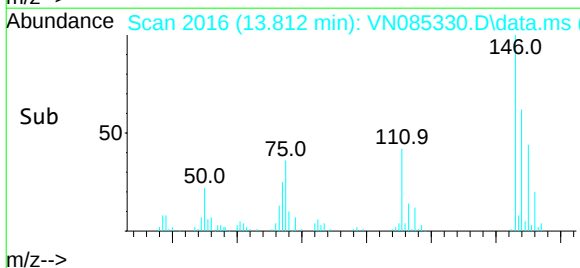
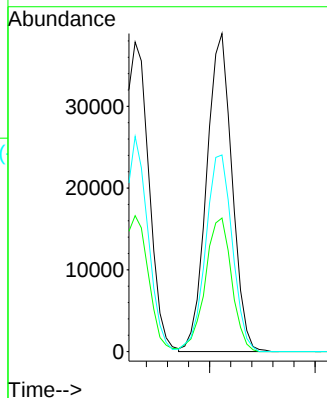
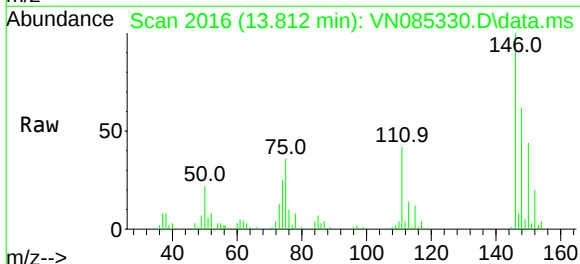
RT: 13.812 min Scan# 2016

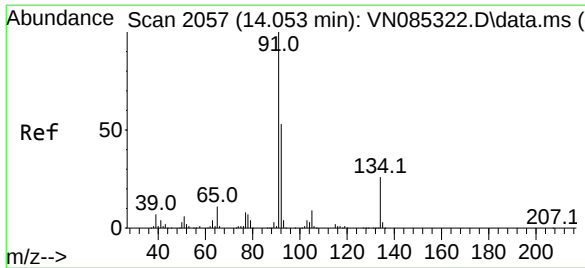
Delta R.T. 0.006 min

Lab File: VN085330.D

Acq: 27 Dec 2024 16:57

Tgt Ion:	146	Resp:	65210
Ion Ratio	Lower	Upper	
146	100		
111	43.6	20.8	62.5
148	65.0	31.7	95.1





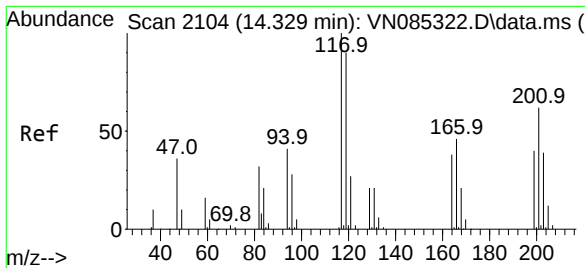
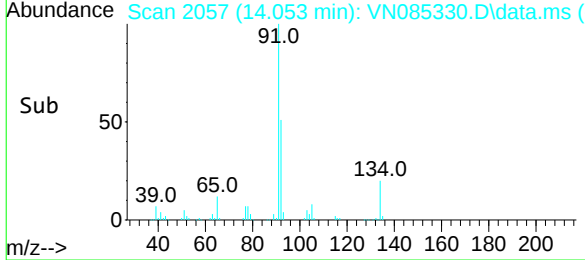
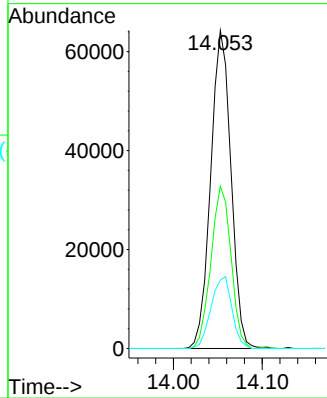
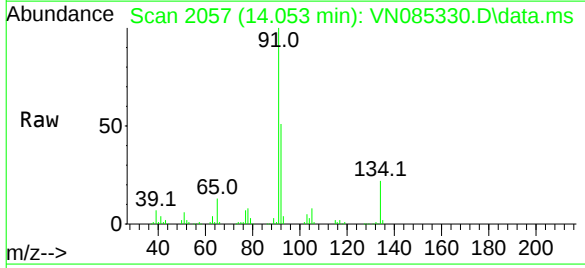
#89
n-Butylbenzene
Concen: 17.919 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01

Tgt Ion: 91 Resp: 101990
Ion Ratio Lower Upper
91 100
92 50.4 26.0 78.0
134 23.3 12.1 36.3

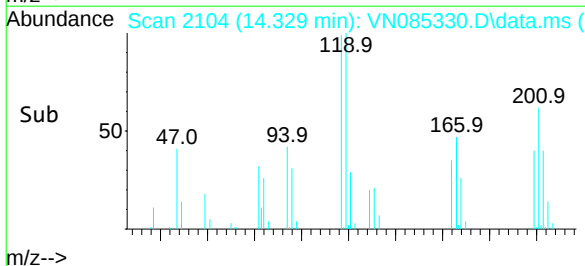
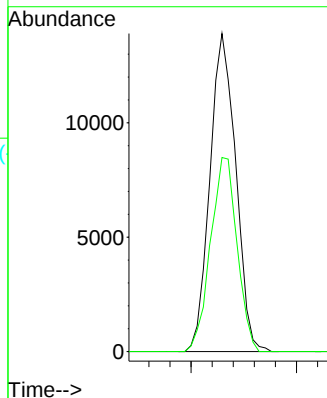
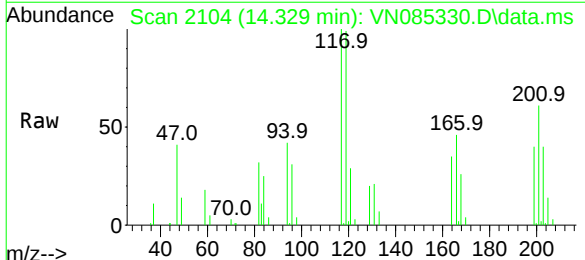
Manual Integrations
APPROVED

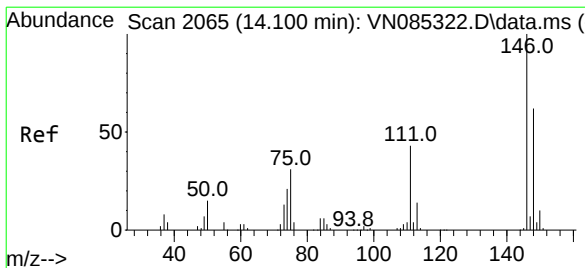
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#90
Hexachloroethane
Concen: 18.594 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

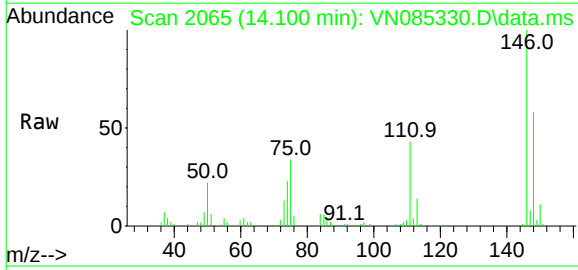
Tgt Ion:117 Resp: 23690
Ion Ratio Lower Upper
117 100
201 62.6 30.7 92.1





#91
1,2-Dichlorobenzene
Concen: 18.649 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

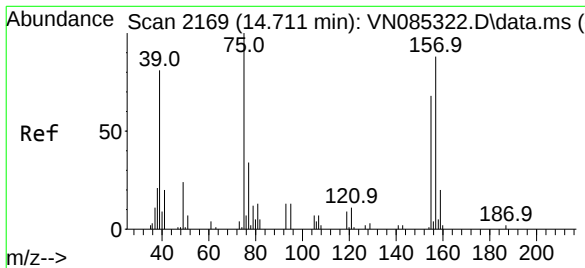
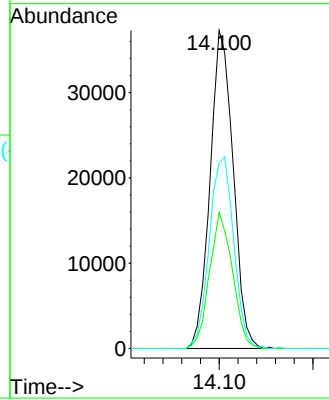
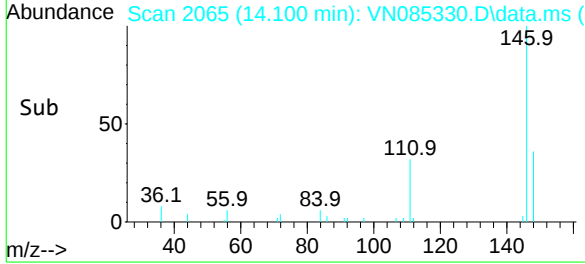
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01



Tgt Ion:146 Resp: 63769
Ion Ratio Lower Upper
146 100
111 42.5 21.8 65.3
148 63.9 31.4 94.2

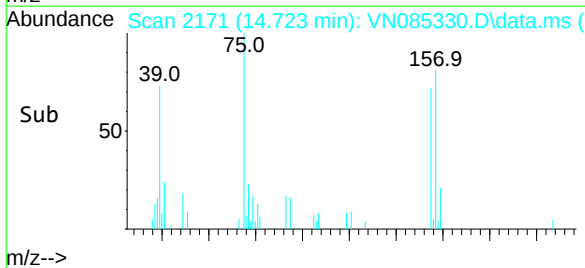
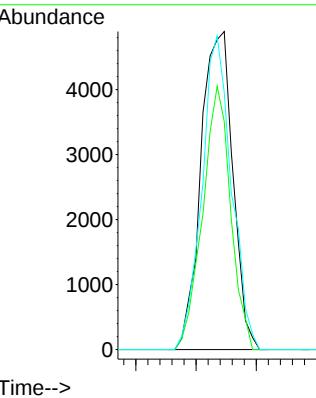
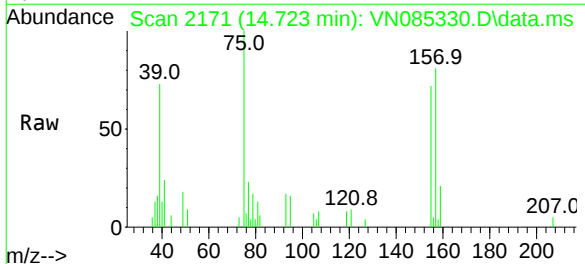
Manual Integrations
APPROVED

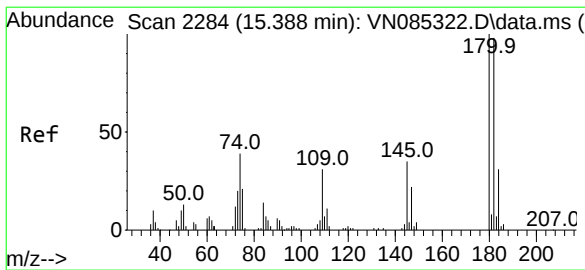
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.860 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.012 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

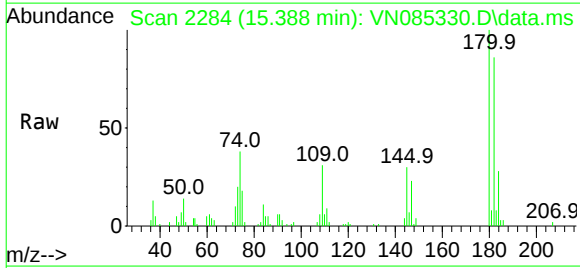
Tgt Ion: 75 Resp: 8997
Ion Ratio Lower Upper
75 100
155 72.4 35.6 106.9
157 91.6 47.0 141.0





#93
1,2,4-Trichlorobenzene
Concen: 17.127 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

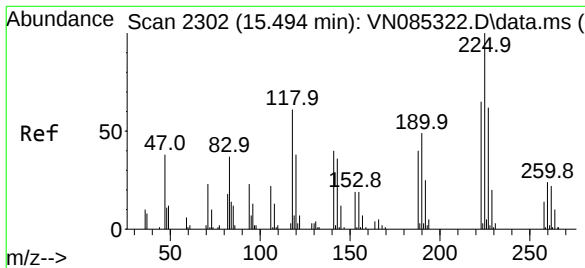
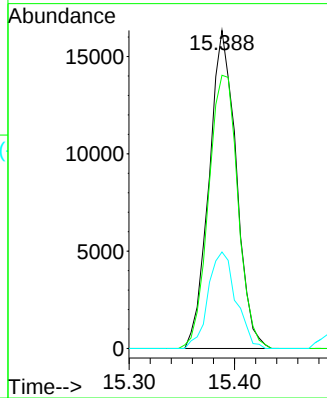
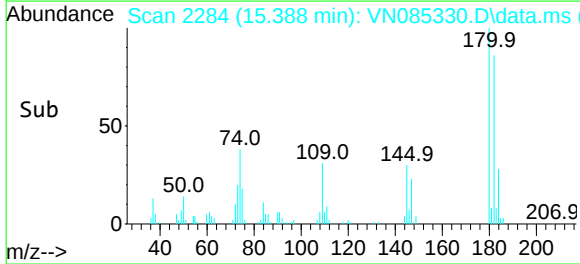
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01



Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	47.2	141.6
145	31.1	16.6	49.8

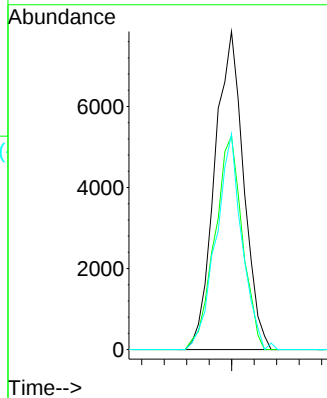
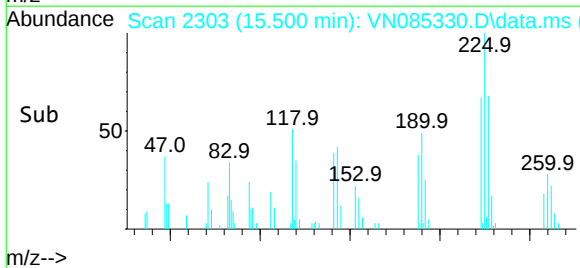
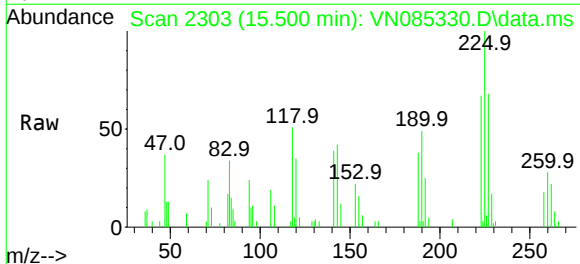
Manual Integrations
APPROVED

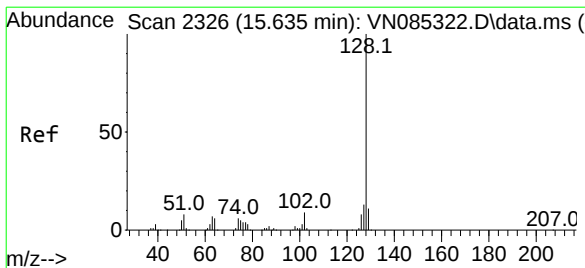
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#94
Hexachlorobutadiene
Concen: 16.510 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085330.D
Acq: 27 Dec 2024 16:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.6	94.7
227	60.8	30.3	91.0





#95

Naphthalene

Concen: 16.560 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN085330.D

Acq: 27 Dec 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBS01

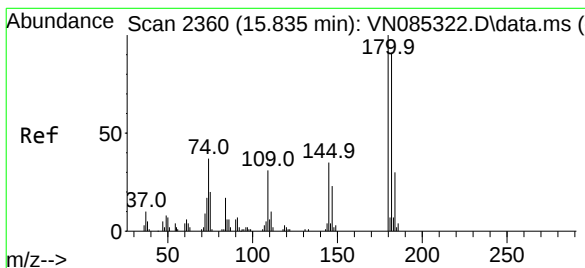
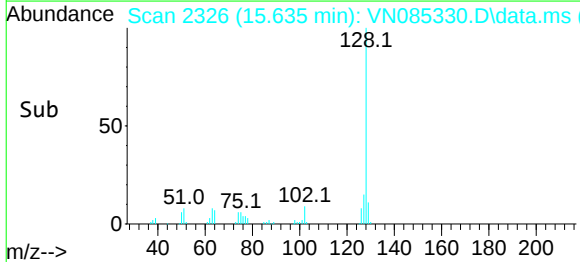
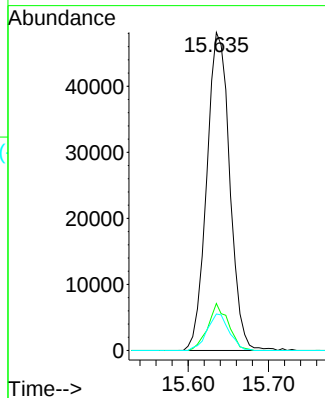
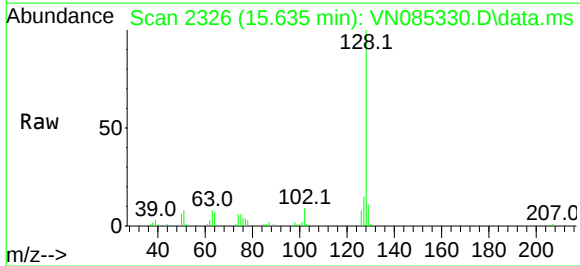
Tgt Ion:	128	Resp:	95832
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	11.0	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#96

1,2,3-Trichlorobenzene

Concen: 17.443 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085330.D

Acq: 27 Dec 2024 16:57

Tgt Ion:	180	Resp:	29742
Ion	Ratio	Lower	Upper
180	100		
182	90.8	46.8	140.4
145	35.3	17.2	51.6

