

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121924\
 Data File : VN085265.D
 Acq On : 19 Dec 2024 14:50
 Operator : JC\MD
 Sample : VN1219WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBS01

Quant Time: Dec 19 17:11:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 06 22:50:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

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

Internal Standards						
1) Bromochloromethane	7.812	128	30555	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	141850	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	135074	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	77501	31.967	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 106.567%	
60) 4-Bromofluorobenzene	12.847	95	67249	30.090	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.300%	
63) Toluene-d8	10.565	98	202018	31.884	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 106.267%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	47804	19.555	ug/l	97
3) Chloromethane	2.359	50	39401	18.210	ug/l	97
4) Vinyl Chloride	2.512	62	38840	17.550	ug/l	94
5) Bromomethane	2.959	94	26087	18.566	ug/l	97
6) Chloroethane	3.118	64	27811	20.454	ug/l	94
7) Trichlorofluoromethane	3.501	101	72701	20.069	ug/l	98
8) Diethyl Ether	3.953	74	22168	19.320	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.365	101	40271	19.879	ug/l	57
10) 1,1-Dichloroethene	4.342	96	34740	18.669	ug/l #	73
11) Methyl Iodide	4.589	142	40427	15.665	ug/l	92
12) Methyl Acetate	5.030	43	52172	23.766	ug/l #	88
13) Acrolein	4.177	56	26641	83.510	ug/l	98
14) Acrylonitrile	5.712	53	96877	106.280	ug/l	98
15) Acetone	4.424	58	26212	106.115	ug/l	83
16) Carbon Disulfide	4.706	76	107345	19.300	ug/l	99
17) Allyl chloride	5.018	41	57389	21.554	ug/l	90
18) Methylene Chloride	5.271	84	42311	20.039	ug/l #	93
19) trans-1,2-Dichloroethene	5.783	96	37161m	19.213	ug/l	
20) Diisopropyl ether	6.671	45	130267	22.293	ug/l	94
21) 1,1-Dichloroethane	6.565	63	74335	20.611	ug/l #	97
22) cis-1,2-Dichloroethene	7.477	96	41984	18.885	ug/l	91
23) tert-Butyl Alcohol	5.512	59	31169	95.319	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	113212	19.474	ug/l #	70
25) Chloroform	7.959	83	77166	20.423	ug/l	98
26) Cyclohexane	8.253	56	53663	18.071	ug/l #	90
29) 1,1-Dichloropropene	8.371	75	50776	22.183	ug/l	95
30) 2-Butanone	7.483	43	131495	125.186	ug/l	95
31) 2,2-Dichloropropane	7.489	77	68649	23.388	ug/l #	100
32) 1,1,1-Trichloroethane	8.165	97	68467	22.099	ug/l	95
33) Carbon Tetrachloride	8.359	117	60114	21.503	ug/l	95
34) Benzene	8.606	78	147267	20.480	ug/l #	93
35) Methacrylonitrile	7.777	41	28764	24.334	ug/l	86
36) 1,2-Dichloroethane	8.671	62	56847	23.223	ug/l	96
37) Trichloroethene	9.347	130	32358	18.897	ug/l	97
38) Methylcyclohexane	9.600	83	46526	18.694	ug/l	97
39) 1,2-Dichloropropane	9.618	63	36287	20.835	ug/l	95
40) Dibromomethane	9.700	93	26463	21.182	ug/l	96
41) Bromodichloromethane	9.888	83	56536	21.169	ug/l	98
42) Vinyl Acetate	6.600	43	478435	130.165	ug/l #	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	54540	26.096	ug/l	94
44) Isopropyl Acetate	8.688	43	85263	23.476	ug/l	96
45) 1,4-Dioxane	9.688	88	12883	425.360	ug/l	99
46) Methyl methacrylate	9.677	41	39956	24.038	ug/l	87
47) n-amyl Acetate	12.494	43	71756	23.482	ug/l	95
48) t-1,3-Dichloropropene	10.835	75	53574	20.435	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	57334	20.089	ug/l #	86
50) 1,1,2-Trichloroethane	11.012	97	34667	20.593	ug/l	96
51) Ethyl methacrylate	10.871	69	51024	19.928	ug/l	90
52) 1,3-Dichloropropane	11.159	76	58504	20.766	ug/l	99
53) Dibromochloromethane	11.359	129	39704	19.353	ug/l	95
54) 1,2-Dibromoethane	11.465	107	33233	19.593	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	130367	109.604	ug/l	98
56) Bromoform	12.576	173	26196	19.045	ug/l	97
58) 4-Methyl-2-Pentanone	10.441	43	263002	119.305	ug/l	94
59) 2-Hexanone	11.194	43	189734	113.591	ug/l	93
61) Tetrachloroethene	11.100	164	28927	17.684	ug/l	93
62) Toluene	10.629	91	157129	19.946	ug/l	99
64) Chlorobenzene	11.888	112	93889	19.304	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	34193	18.833	ug/l	98
66) Ethyl Benzene	11.965	91	161332	19.300	ug/l	100
67) m/p-Xylenes	12.071	106	125621	39.073	ug/l	97
68) o-Xylene	12.394	106	58026	19.218	ug/l	98
69) Styrene	12.412	104	100690	19.652	ug/l	99
70) Isopropylbenzene	12.694	105	145300	18.657	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	51787	21.847	ug/l	96
72) 1,2,3-Trichloropropane	12.988	75	47017m	20.079	ug/l	
73) Bromobenzene	12.976	156	37935	19.447	ug/l	95
74) n-propylbenzene	13.035	91	182457	19.488	ug/l	98
75) 2-Chlorotoluene	13.123	91	114880	19.845	ug/l	97
76) 1,3,5-Trimethylbenzene	13.170	105	131171	19.660	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	16374	19.244	ug/l	87
78) 4-Chlorotoluene	13.218	91	118387	20.149	ug/l	96
79) tert-butylbenzene	13.435	119	101675	18.553	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	131046	19.884	ug/l	98
81) sec-Butylbenzene	13.612	105	150429	19.321	ug/l	100
82) p-Isopropyltoluene	13.729	119	124425	19.277	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	71108	19.869	ug/l	99
84) 1,4-Dichlorobenzene	13.806	146	67089	19.235	ug/l	99
85) n-Butylbenzene	14.053	91	102997	19.023	ug/l	96
86) Hexachloroethane	14.329	117	25120	19.549	ug/l	100
87) 1,2-Dichlorobenzene	14.106	146	66925	19.811	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.717	75	10146	21.426	ug/l	91
89) 1,2,4-Trichlorobenzene	15.835	180	30896	18.675	ug/l	96
90) Hexachlorobutadiene	15.500	225	15474	18.000	ug/l	99
91) Naphthalene	15.641	128	86651	16.859	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	30896	18.675	ug/l	96

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

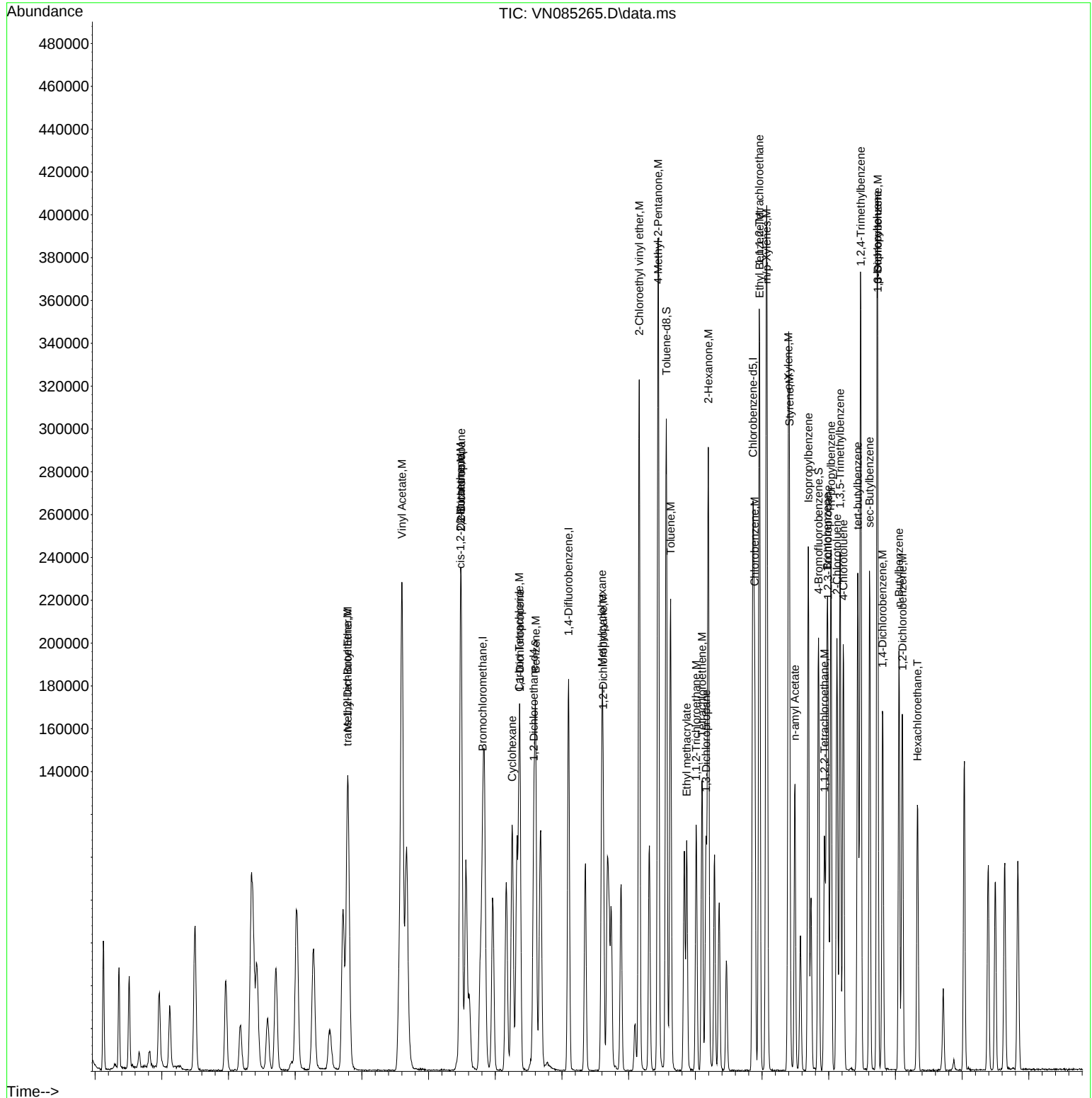
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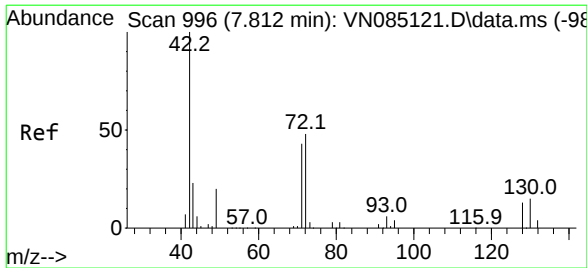
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Manual Integrations
APPROVED

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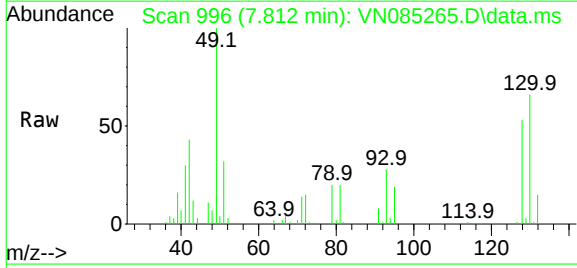
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 06 22:50:42 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

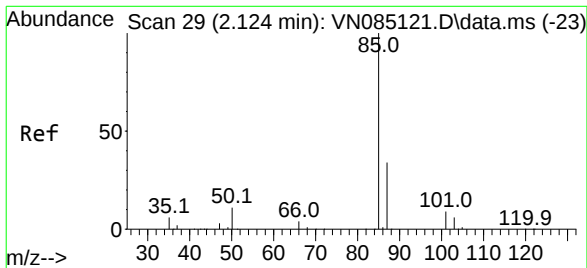
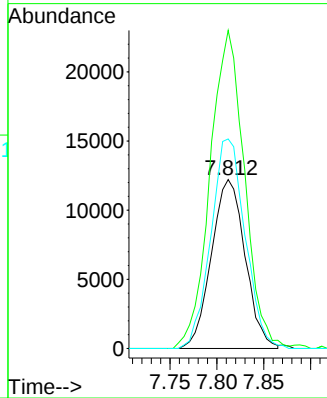
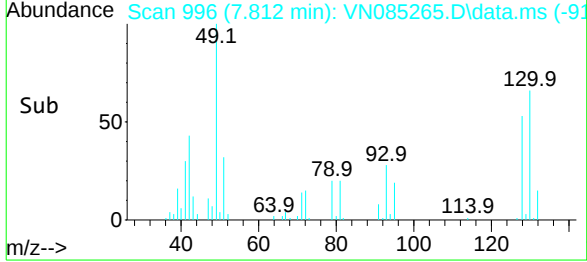
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



Tgt Ion: 128 Resp: 30555
Ion Ratio Lower Upper
128 100
49 191.4 0.0 394.5
130 126.1 0.0 316.5

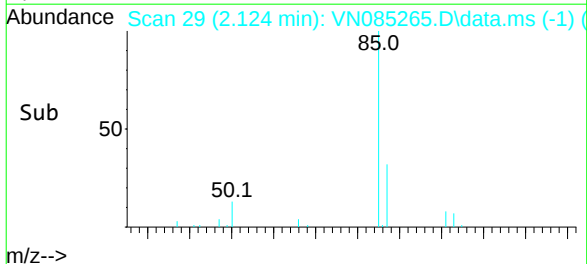
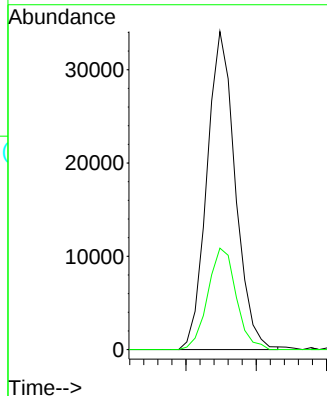
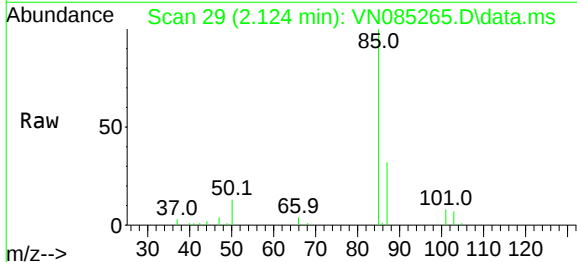
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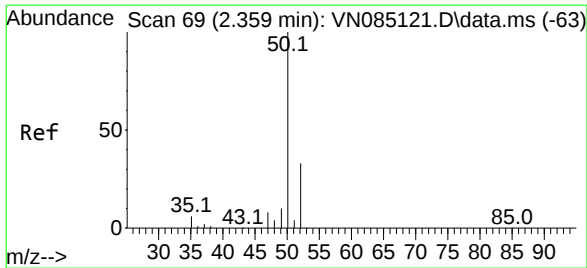
Reviewed By : John Carlone 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024



#2
Dichlorodifluoromethane
Concen: 19.555 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Tgt Ion: 85 Resp: 47804
Ion Ratio Lower Upper
85 100
87 31.9 16.8 50.3





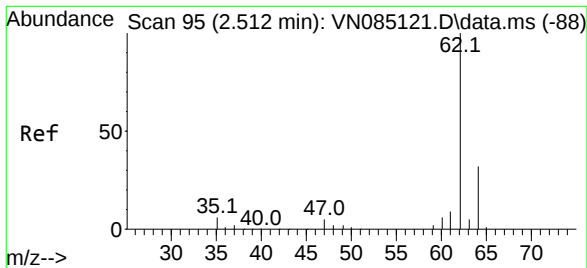
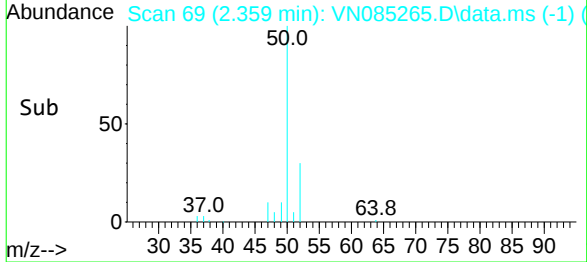
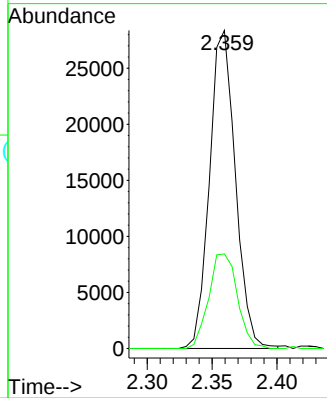
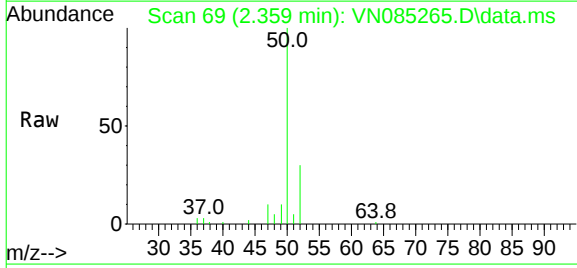
#3
Chloromethane
Concen: 18.210 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Instrument :
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ClientSampleId :
VN1219WBS01

Tgt Ion: 50 Resp: 39401
Ion Ratio Lower Upper
50 100
52 29.7 25.0 37.4

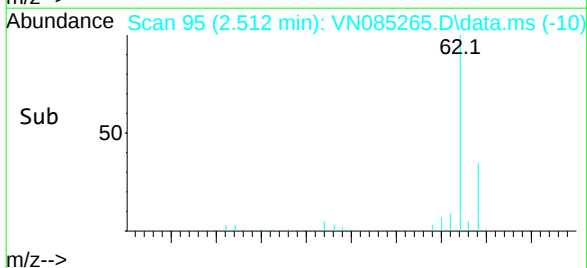
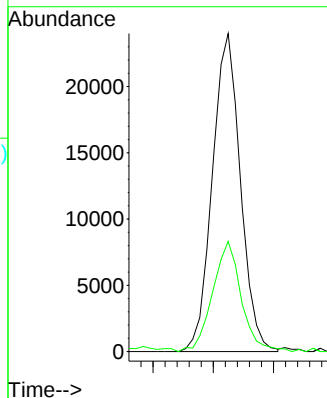
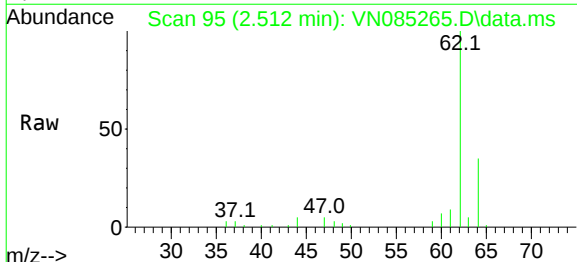
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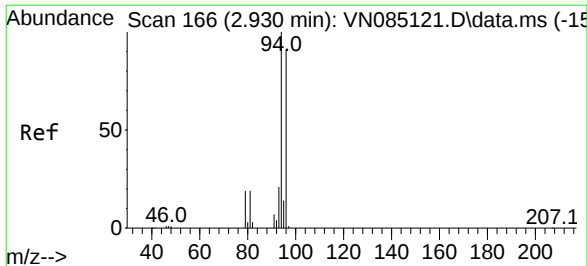
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#4
Vinyl Chloride
Concen: 17.550 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

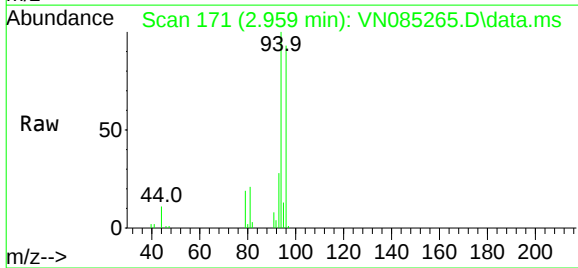
Tgt Ion: 62 Resp: 38840
Ion Ratio Lower Upper
62 100
64 34.7 24.9 37.3





#5
Bromomethane
Concen: 18.566 ug/l
RT: 2.959 min Scan# 171
Delta R.T. -0.006 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

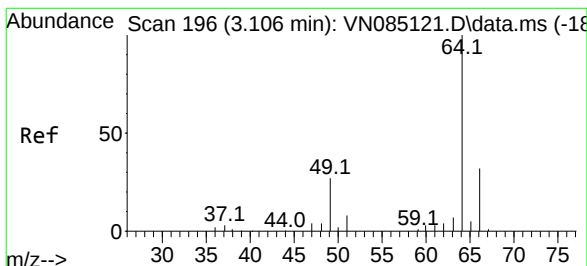
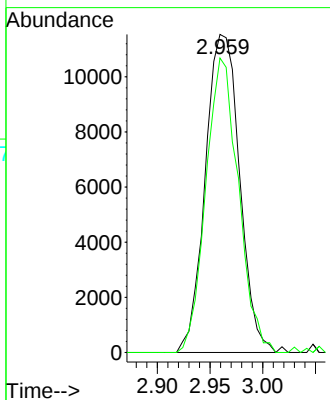
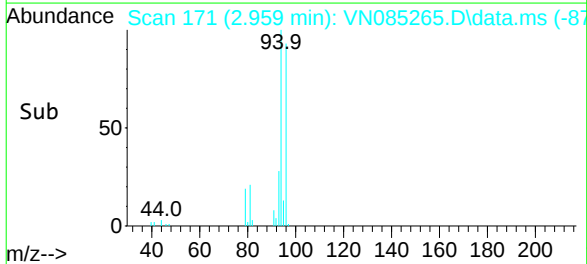
Instrument :
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Tgt Ion: 94 Resp: 26087
Ion Ratio Lower Upper
94 100
96 92.6 76.2 114.4

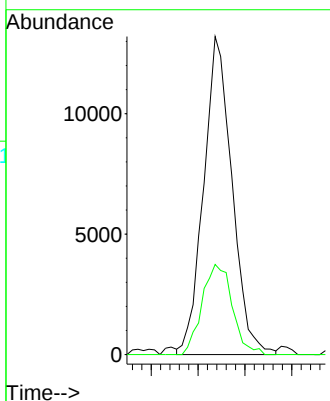
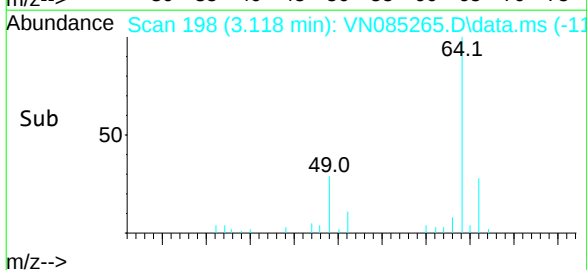
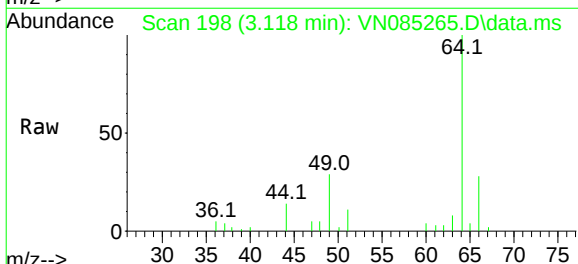
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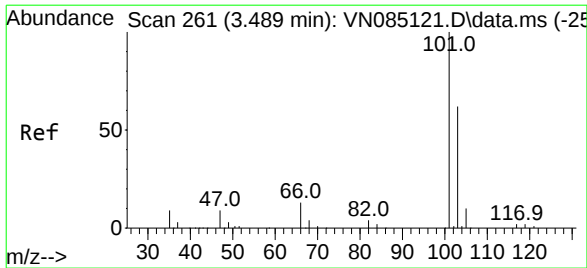
Reviewed By :John Carlone 12/20/2024
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#6
Chloroethane
Concen: 20.454 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

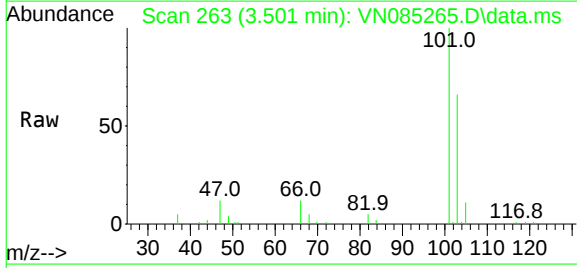
Tgt Ion: 64 Resp: 27811
Ion Ratio Lower Upper
64 100
66 28.7 25.5 38.3





#7
Trichlorofluoromethane
Concen: 20.069 ug/l
RT: 3.501 min Scan# 261
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

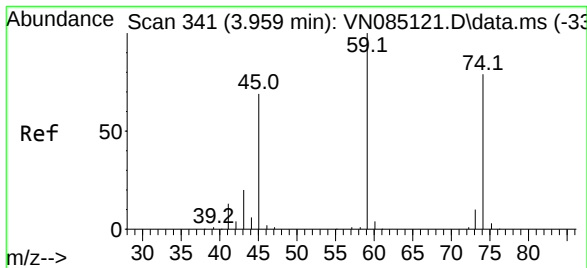
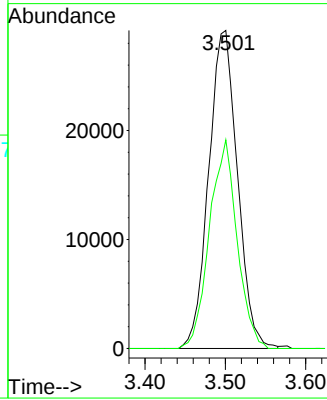
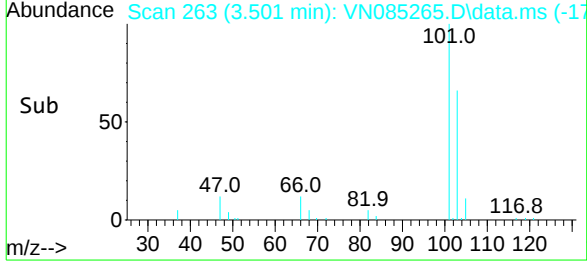
Instrument :
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ClientSampleId :
VN1219WBS01



Tgt Ion: 101 Resp: 72701
Ion Ratio Lower Upper
101 100
103 65.6 51.3 76.9

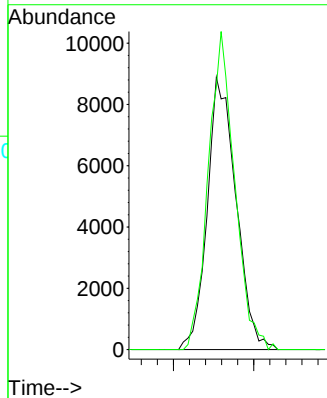
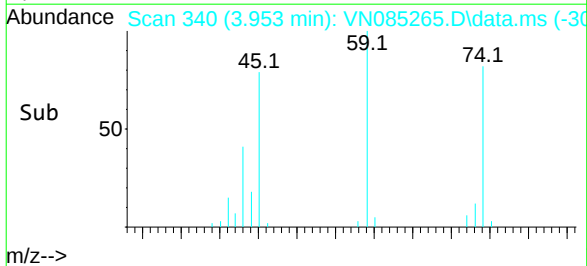
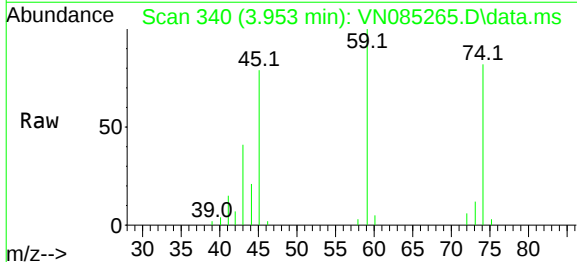
Manual Integrations
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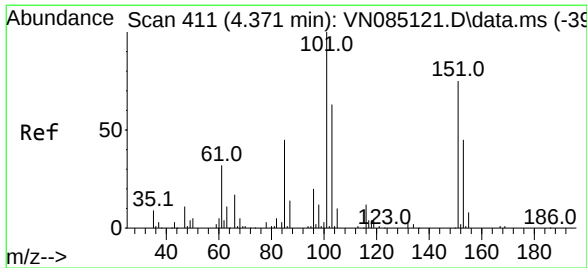
Reviewed By : John Carlone 12/20/2024
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#8
Diethyl Ether
Concen: 19.320 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

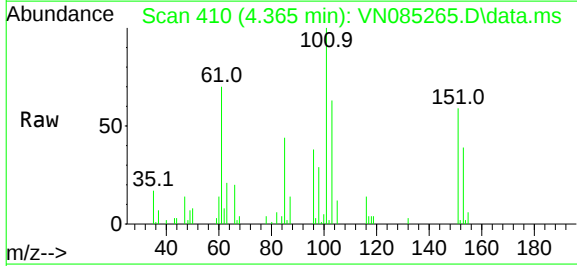
Tgt Ion: 74 Resp: 22168
Ion Ratio Lower Upper
74 100
45 106.8 18.6 167.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.879 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN085265.D
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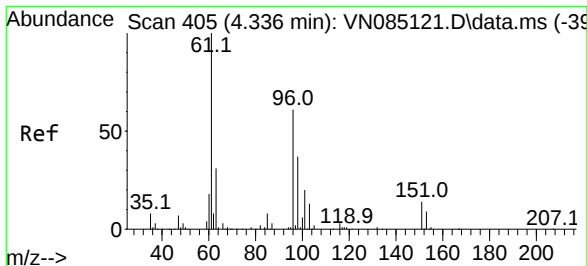
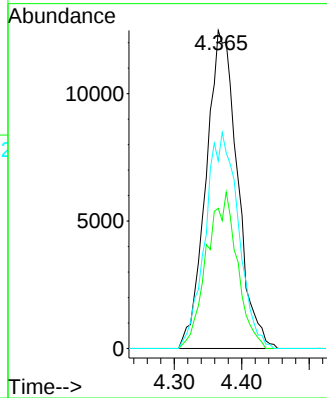
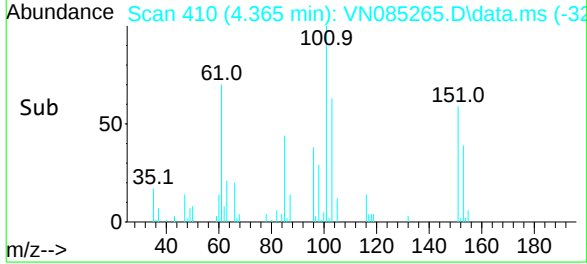
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



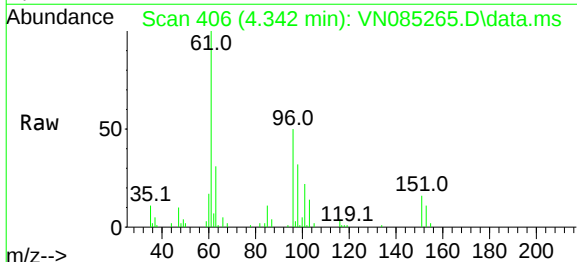
Tgt Ion: 101 Resp: 40271
Ion Ratio Lower Upper
101 100
85 26.6 0.0 88.6
151 32.2 0.0 155.8

Manual Integrations
APPROVED

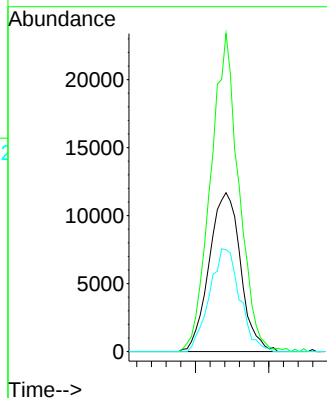
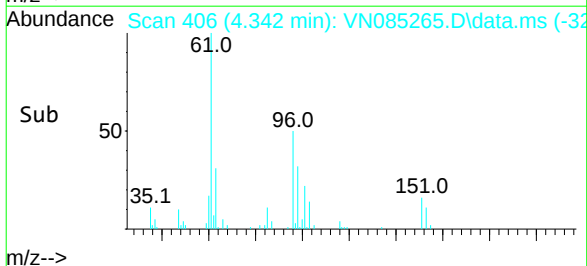
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

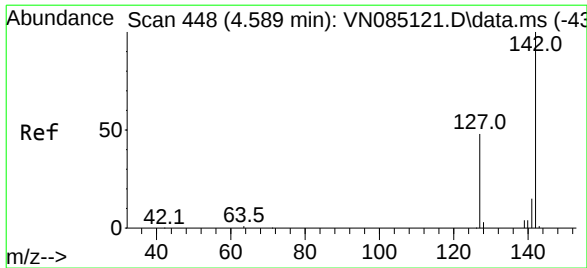


#10
1,1-Dichloroethene
Concen: 18.669 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50



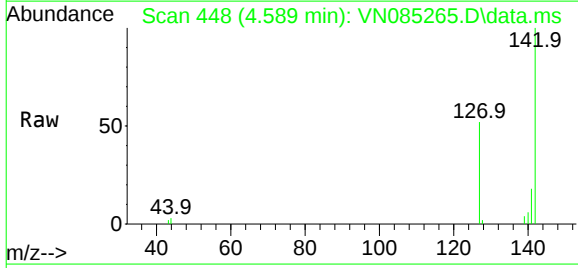
Tgt Ion: 96 Resp: 34740
Ion Ratio Lower Upper
96 100
61 200.2 123.0 184.4#
98 64.1 49.1 73.7





#11
Methyl Iodide
Concen: 15.665 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

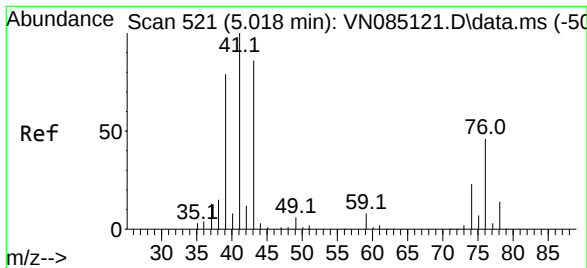
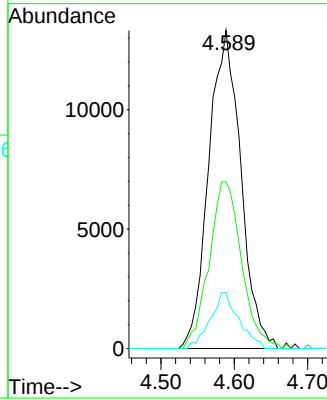
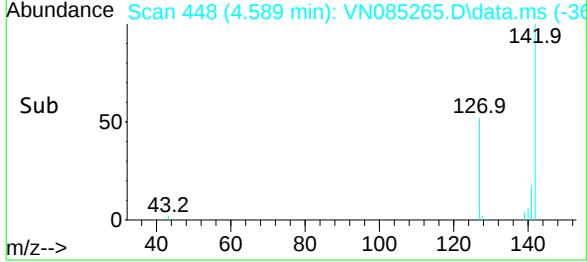
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



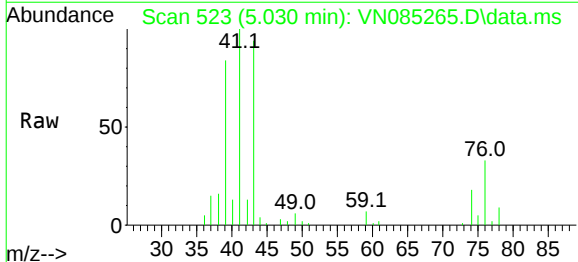
Tgt Ion: 142 Resp: 40427
Ion Ratio Lower Upper
142 100
127 51.7 22.5 67.5
141 17.6 8.3 24.9

Manual Integrations
APPROVED

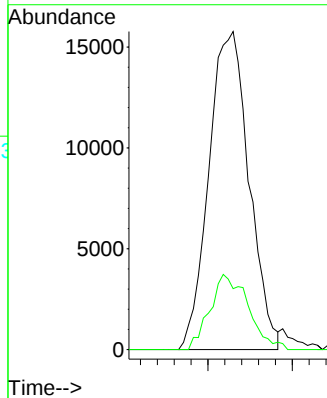
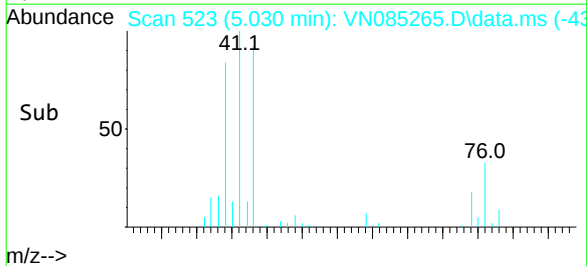
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

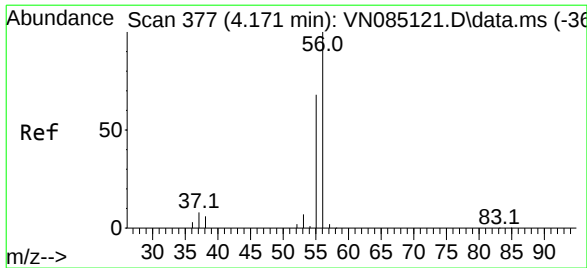


#12
Methyl Acetate
Concen: 23.766 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50



Tgt Ion: 43 Resp: 52172
Ion Ratio Lower Upper
43 100
74 18.5 19.8 29.6#





#13

Acrolein

Concen: 83.510 ug/l

RT: 4.177 min Scan# 377

Delta R.T. -0.006 min

Lab File: VN085265.D

Acq: 19 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBS01

Tgt Ion: 56 Resp: 26641

Ion Ratio Lower Upper

56 100

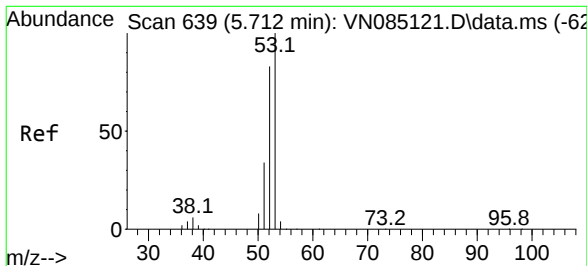
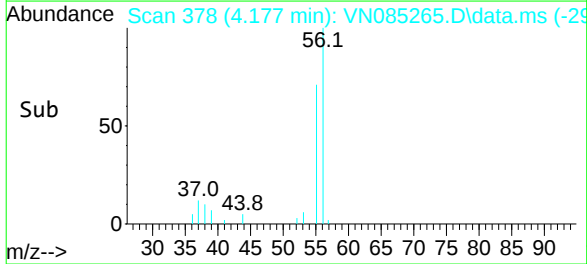
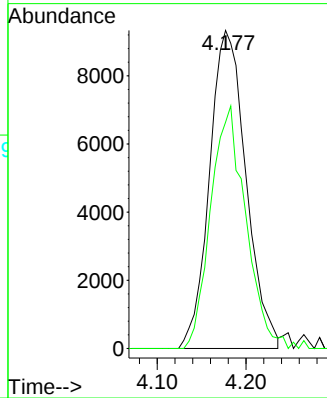
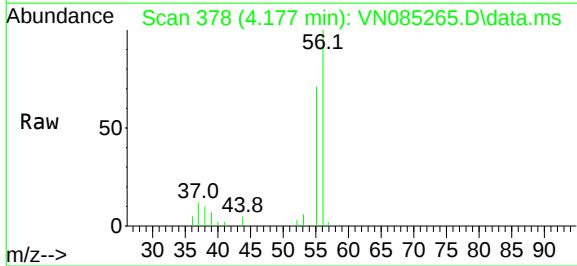
55 72.5 59.4 89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#14

Acrylonitrile

Concen: 106.280 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.006 min

Lab File: VN085265.D

Acq: 19 Dec 2024 14:50

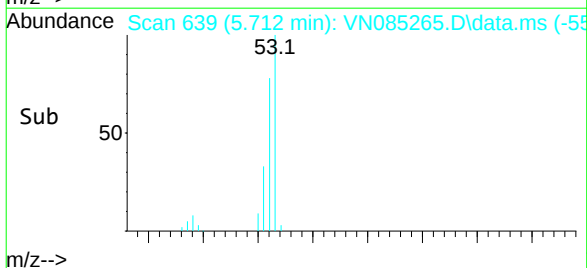
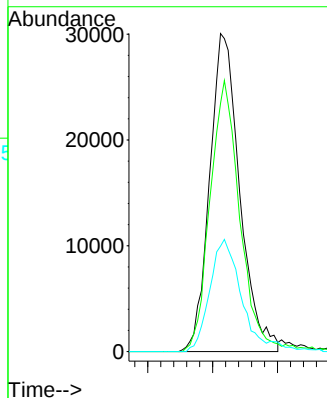
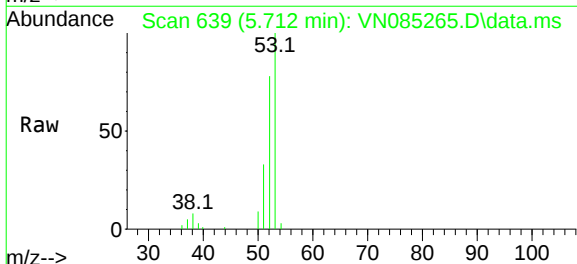
Tgt Ion: 53 Resp: 96877

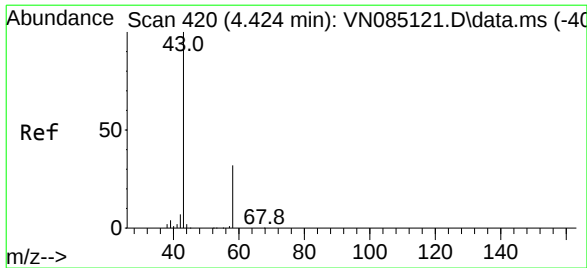
Ion Ratio Lower Upper

53 100

52 83.4 42.9 128.5

51 35.7 17.2 51.5





#15

Acetone

Concen: 106.115 ug/l

RT: 4.424 min Scan# 420

Delta R.T. 0.000 min

Lab File: VN085265.D

Acq: 19 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBS01

Tgt Ion: 58 Resp: 26212

Ion Ratio Lower Upper

58 100

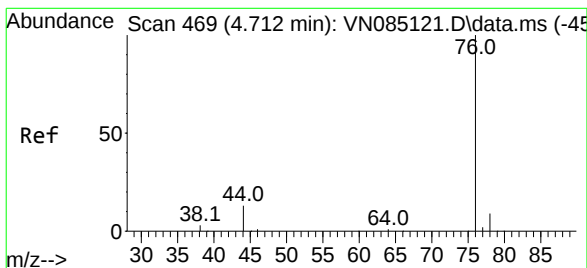
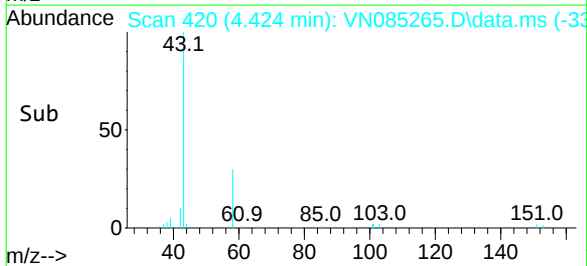
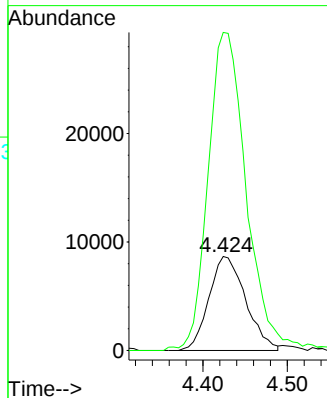
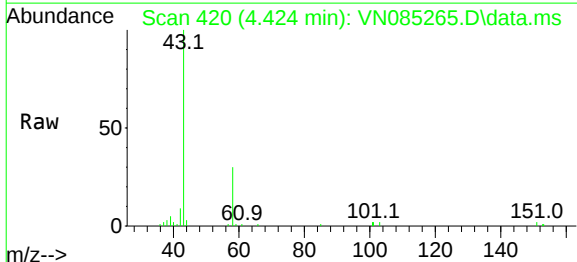
43 335.6 242.3 363.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#16

Carbon Disulfide

Concen: 19.300 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.006 min

Lab File: VN085265.D

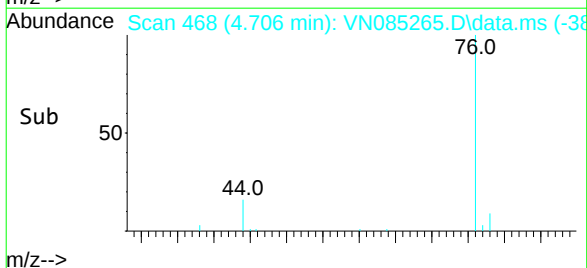
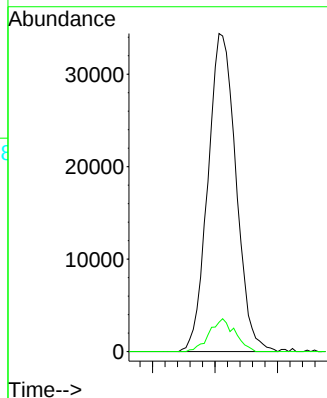
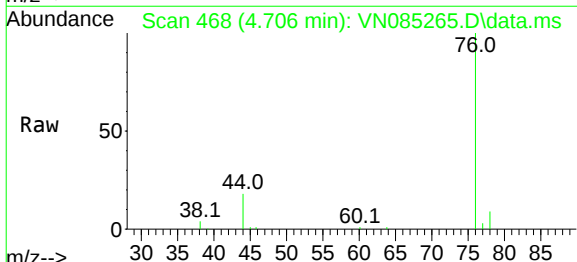
Acq: 19 Dec 2024 14:50

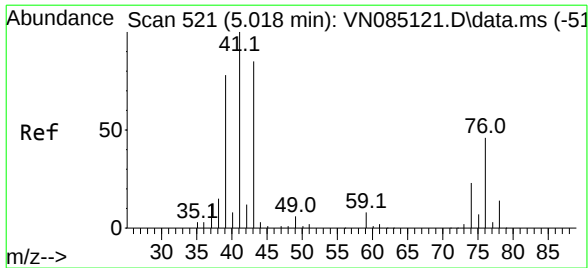
Tgt Ion: 76 Resp: 107345

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7





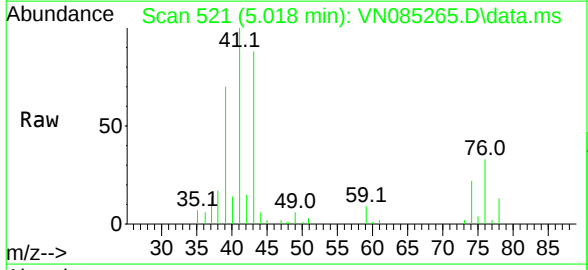
#17
 Allyl chloride
 Concen: 21.554 ug/l
 RT: 5.018 min Scan# 521
 Delta R.T. -0.006 min
 Lab File: VN085265.D
 Acq: 19 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBS01



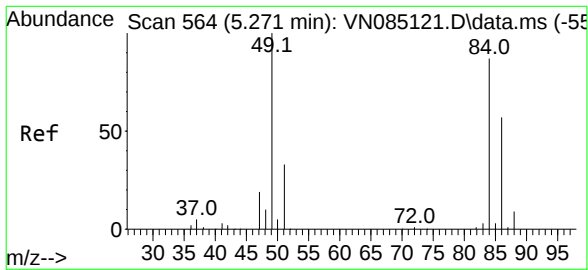
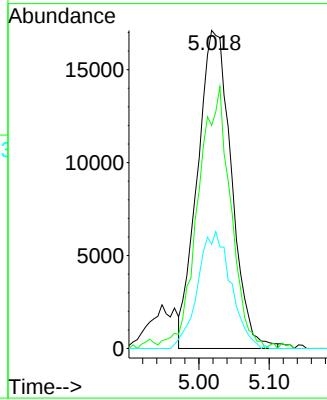
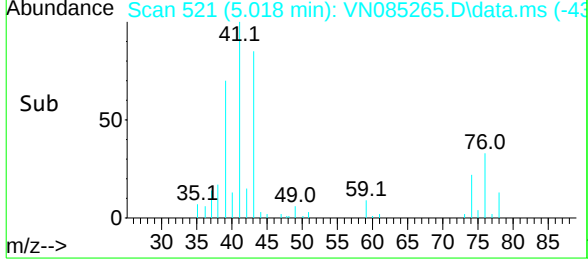
Tgt Ion:	41	Resp:	57389
Ion	Ratio	Lower	Upper
41	100		
39	71.2	32.0	96.2
76	33.3	20.2	60.5

Manual Integrations

APPROVED

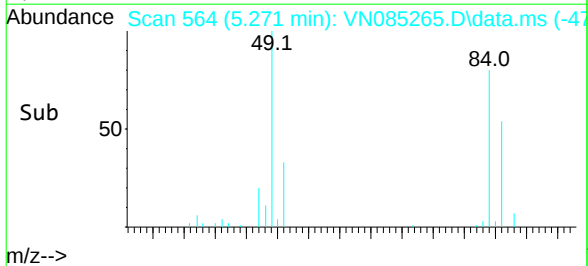
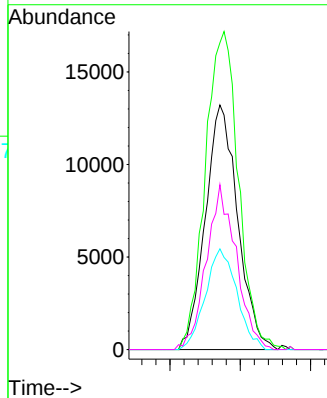
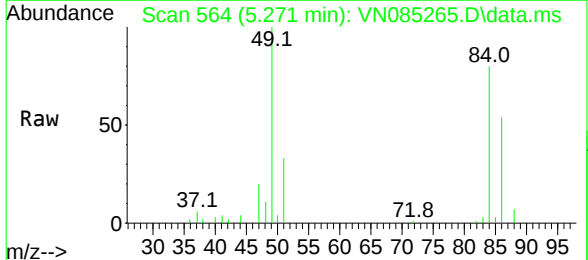
Reviewed By :John Carlone 12/20/2024

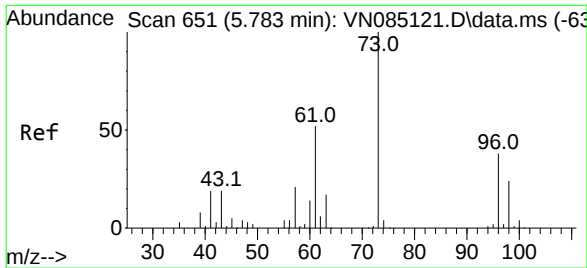
Supervised By :Mahesh Dadoda 12/20/2024



#18
 Methylene Chloride
 Concen: 20.039 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: VN085265.D
 Acq: 19 Dec 2024 14:50

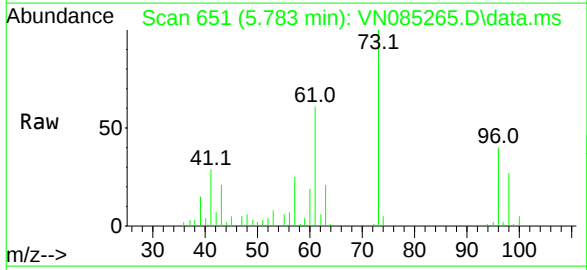
Tgt Ion:	84	Resp:	42311
Ion	Ratio	Lower	Upper
84	100		
49	125.5	95.1	142.7
51	41.2	27.4	41.0#
86	67.4	50.9	76.3





#19
trans-1,2-Dichloroethene
Concen: 19.213 ug/l m
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

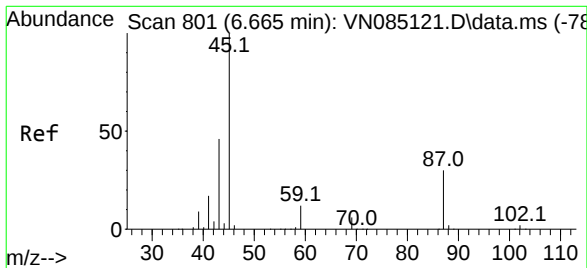
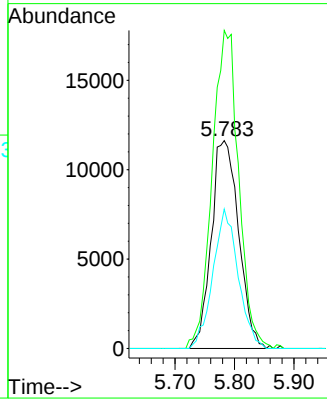
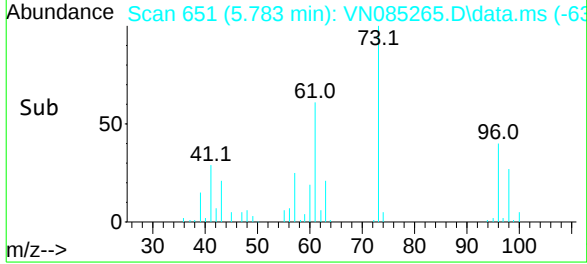
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



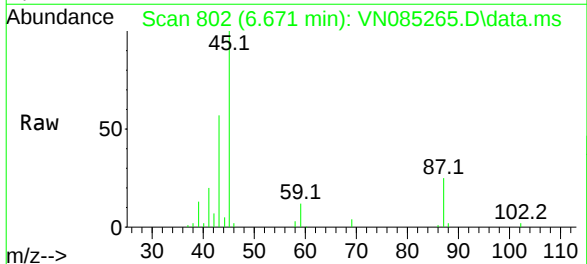
Tgt Ion: 96 Resp: 37161
Ion Ratio Lower Upper
96 100
61 153.0 100.4 150.6#
98 67.1 52.6 79.0

Manual Integrations
APPROVED

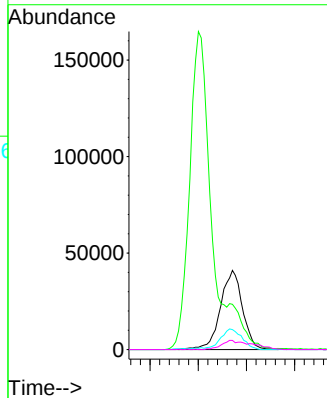
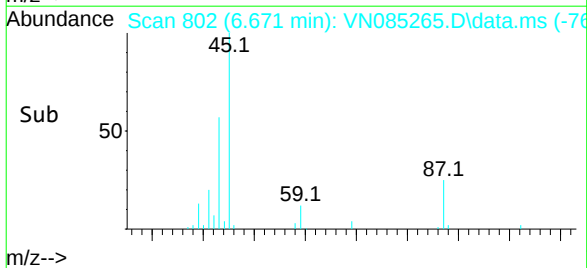
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

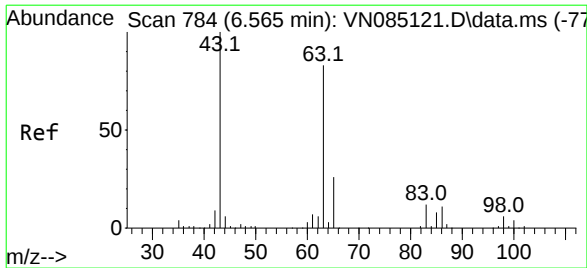


#20
Diisopropyl ether
Concen: 22.293 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50



Tgt Ion: 45 Resp: 130267
Ion Ratio Lower Upper
45 100
43 55.7 41.9 62.9
87 25.2 24.1 36.1
59 11.2 10.0 15.0





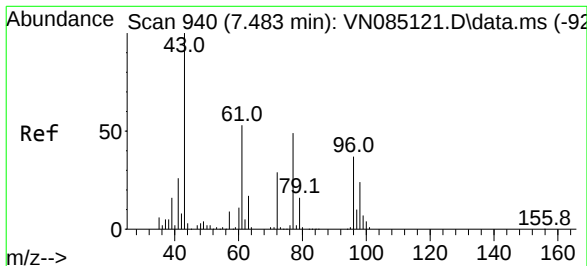
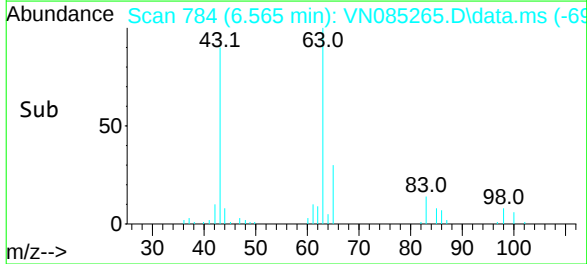
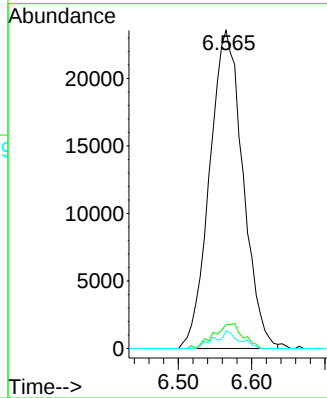
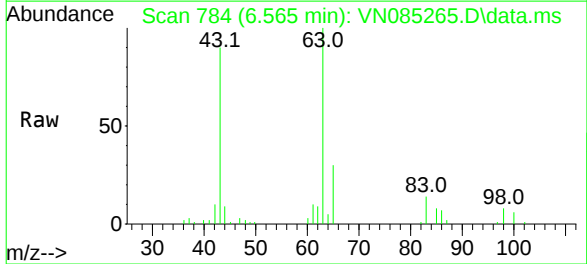
#21
1,1-Dichloroethane
Concen: 20.611 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion: 63 Resp: 74335
Ion Ratio Lower Upper
63 100
98 7.5 3.5 10.4
100 5.5 1.6 4.8#

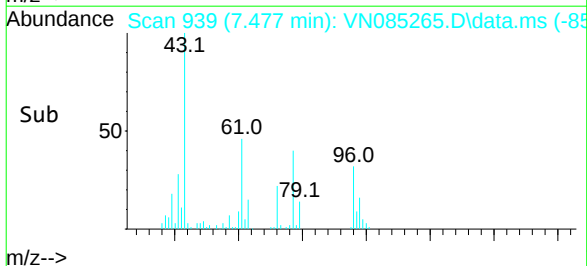
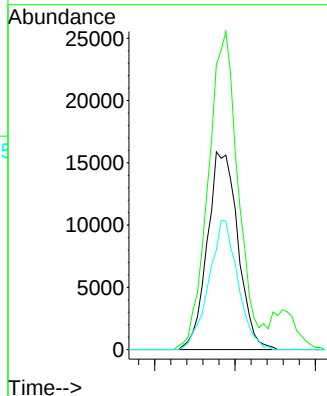
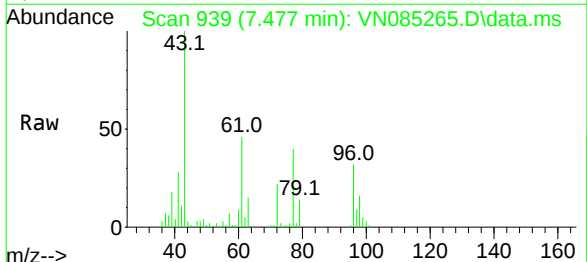
Manual Integrations
APPROVED

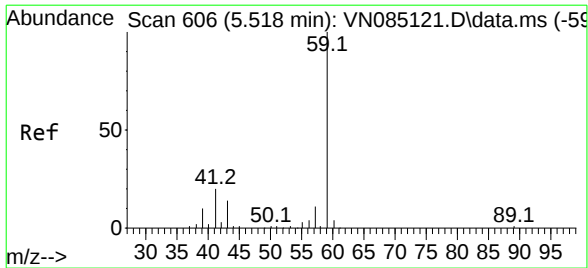
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#22
cis-1,2-Dichloroethene
Concen: 18.885 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.012 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Tgt Ion: 96 Resp: 41984
Ion Ratio Lower Upper
96 100
61 159.3 115.9 173.9
98 62.3 51.8 77.8





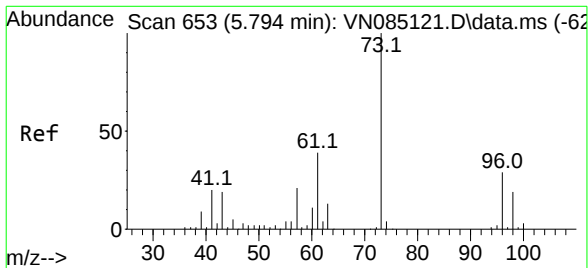
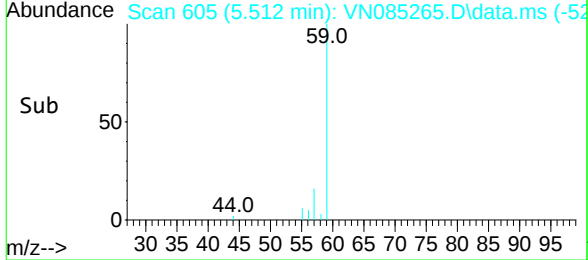
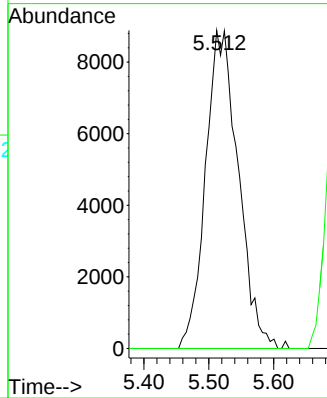
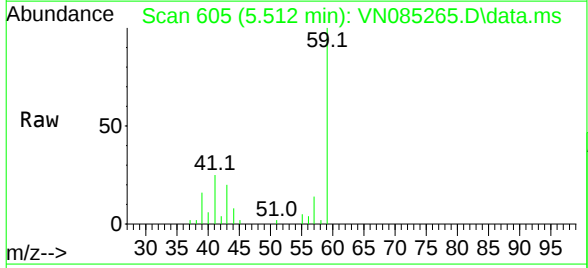
#23
tert-Butyl Alcohol
Concen: 95.319 ug/l
RT: 5.512 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion: 59 Resp: 31169
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

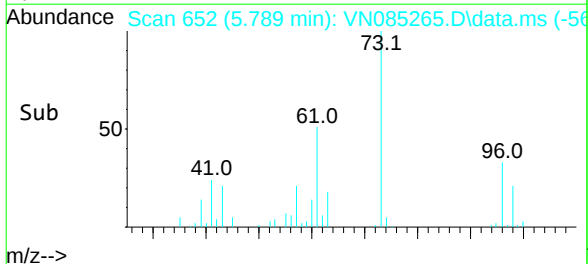
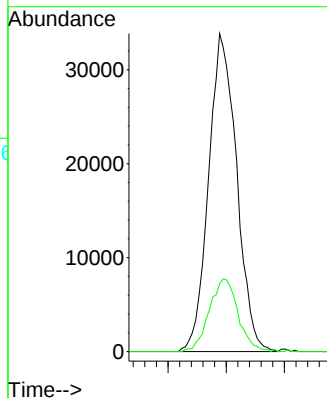
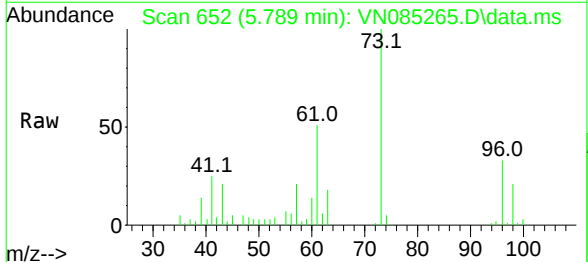
Manual Integrations
APPROVED

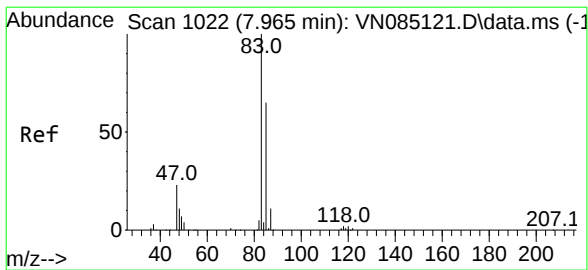
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#24
Methyl tert-Butyl Ether
Concen: 19.474 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

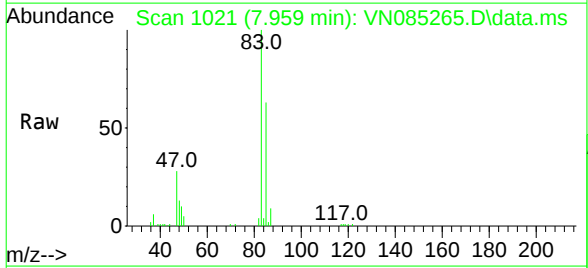
Tgt Ion: 73 Resp: 113212
Ion Ratio Lower Upper
73 100
43 22.3 8.7 13.1#





#25
Chloroform
Concen: 20.423 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

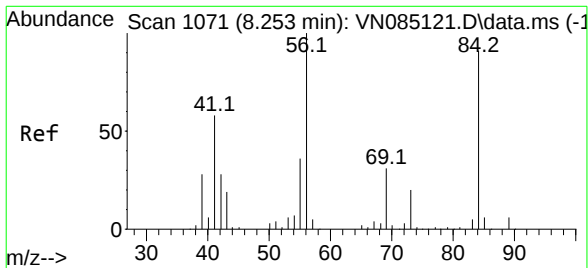
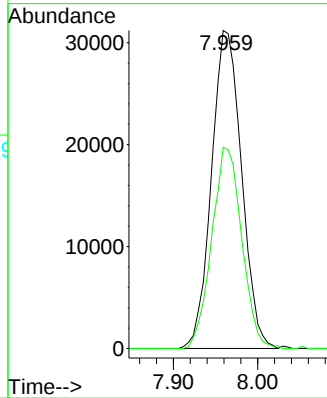
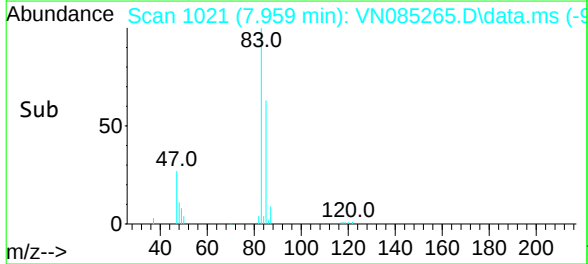
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



Tgt Ion: 83 Resp: 77166
Ion Ratio Lower Upper
83 100
85 63.3 49.4 74.0

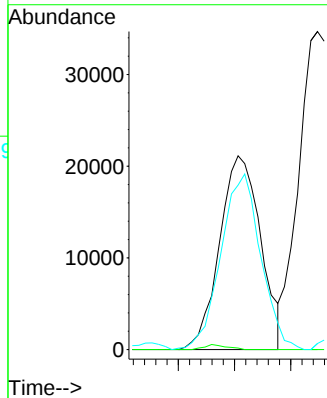
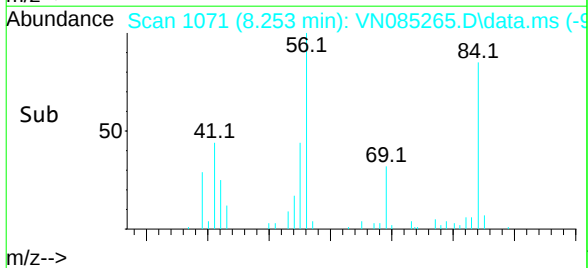
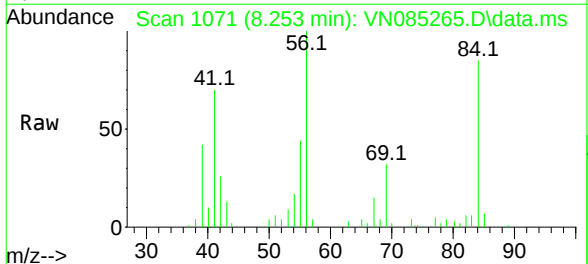
Manual Integrations
APPROVED

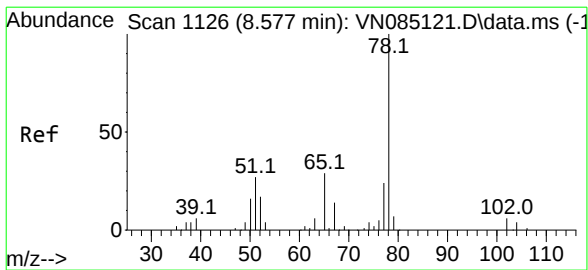
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#26
Cyclohexane
Concen: 18.071 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Tgt Ion: 56 Resp: 53663
Ion Ratio Lower Upper
56 100
89 1.4 19.5 29.3#
84 87.8 70.6 105.8





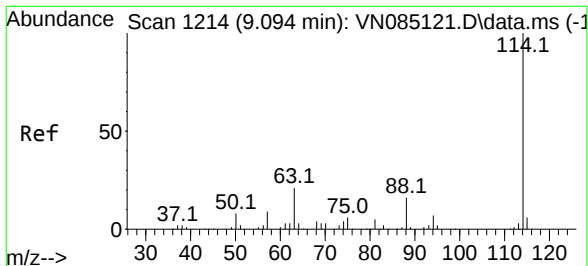
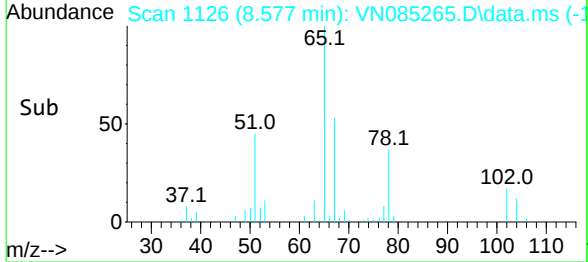
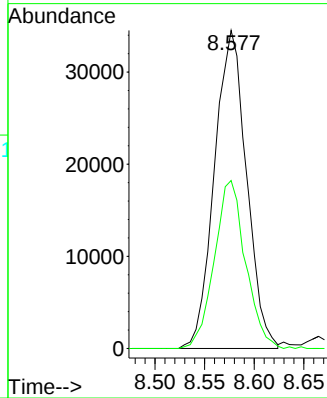
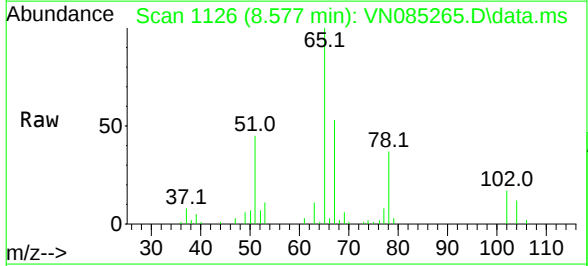
#27
1,2-Dichloroethane-d4
Concen: 31.967 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion: 65 Resp: 77501
Ion Ratio Lower Upper
65 100
67 51.4 39.9 59.9

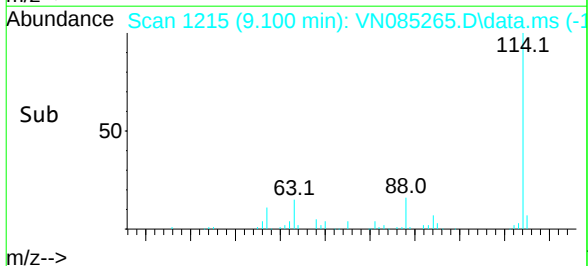
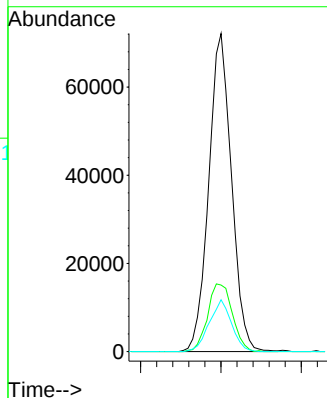
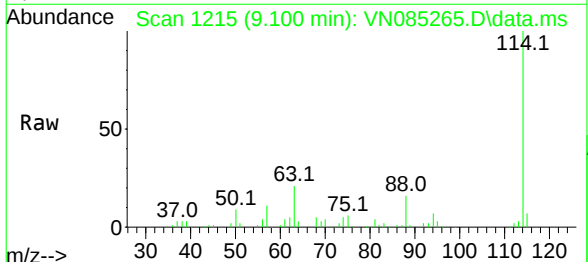
Manual Integrations
APPROVED

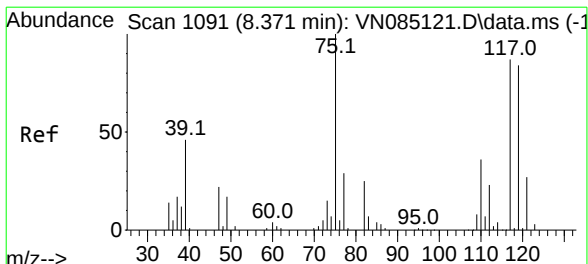
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Tgt Ion:114 Resp: 141850
Ion Ratio Lower Upper
114 100
63 23.1 16.2 24.2
88 15.9 12.5 18.7





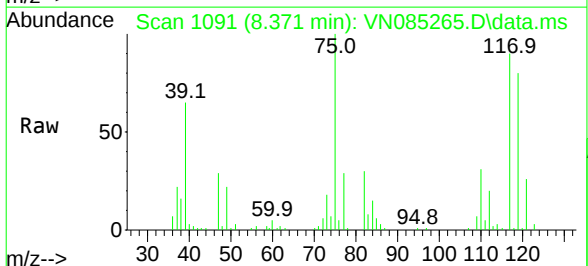
#29
 1,1-Dichloropropene
 Concen: 22.183 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VN085265.D
 Acq: 19 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

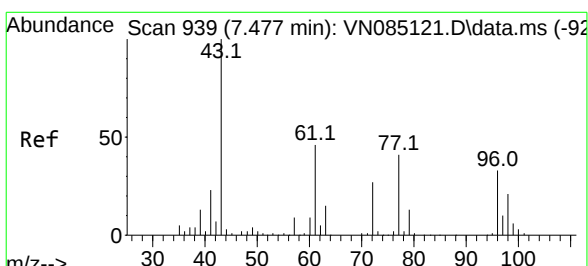
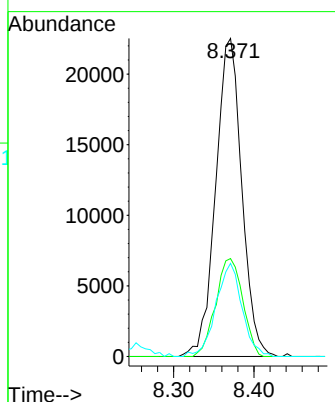
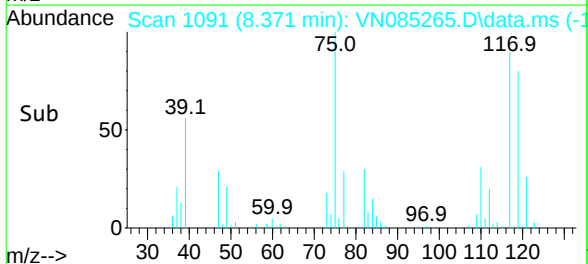
VN1219WBS01



Tgt Ion:	75	Resp:	50776
Ion	Ratio	Lower	Upper
75	100		
110	31.9	0.0	71.6
77	28.9	0.0	62.2

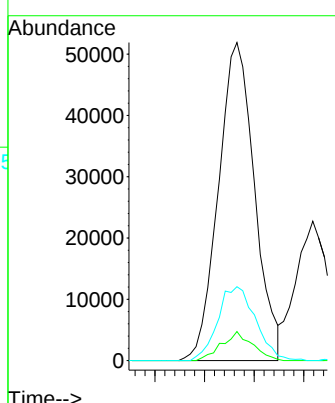
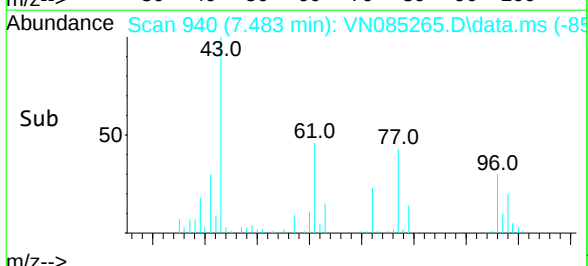
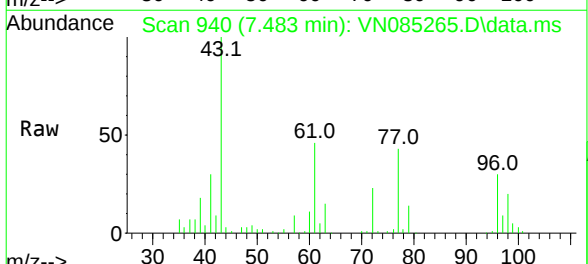
Manual Integrations
 APPROVED

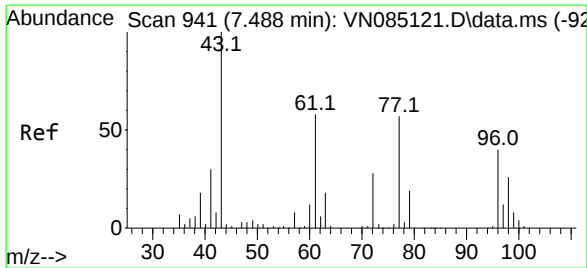
Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#30
 2-Butanone
 Concen: 125.186 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085265.D
 Acq: 19 Dec 2024 14:50

Tgt Ion:	43	Resp:	131495
Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.9	10.3
72	24.2	21.8	32.8





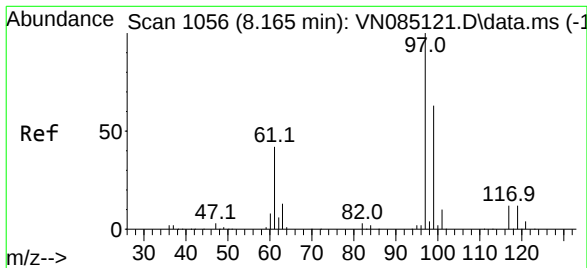
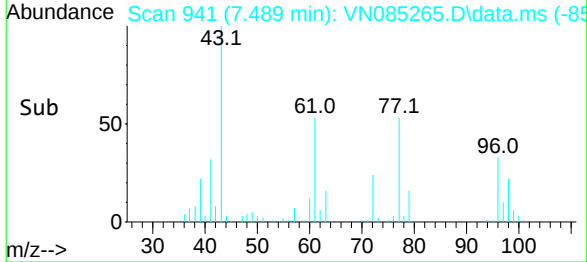
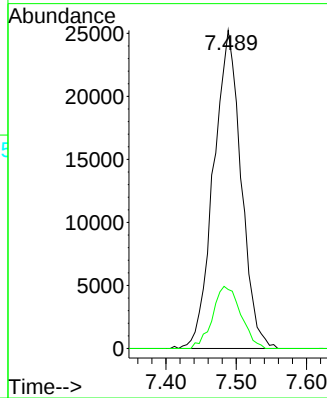
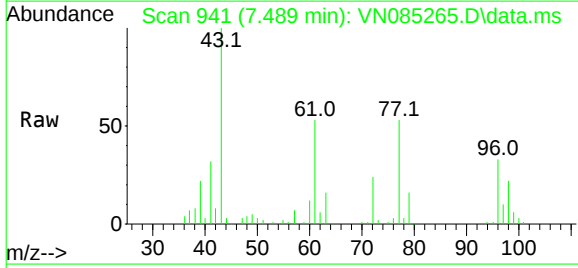
#31
2,2-Dichloropropane
Concen: 23.388 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion: 77 Resp: 68649
Ion Ratio Lower Upper
77 100
97 20.0 0.0 0.0#

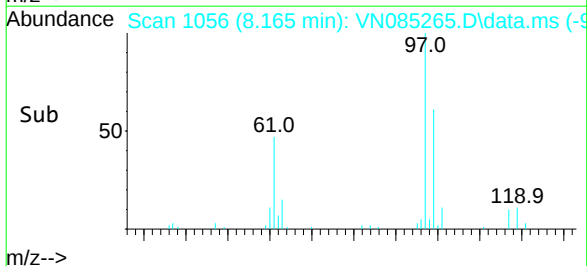
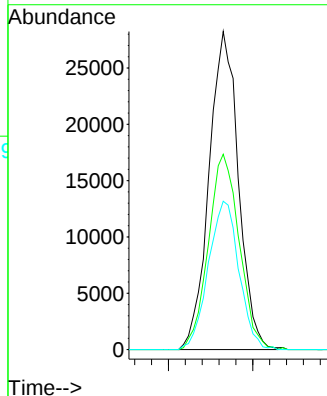
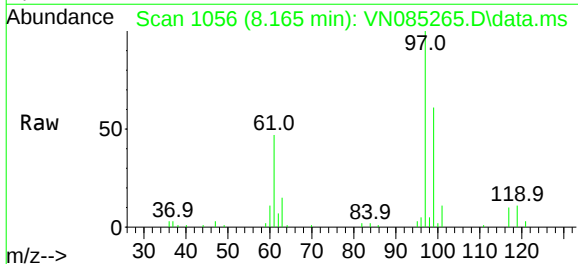
Manual Integrations
APPROVED

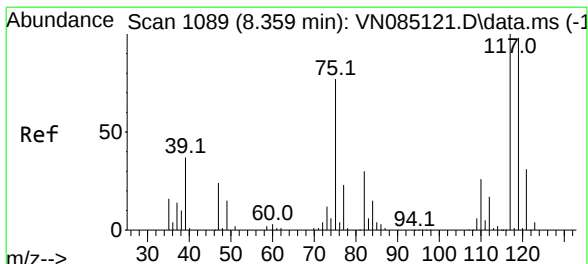
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#32
1,1,1-Trichloroethane
Concen: 22.099 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Tgt Ion: 97 Resp: 68467
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 48.4 32.7 49.1





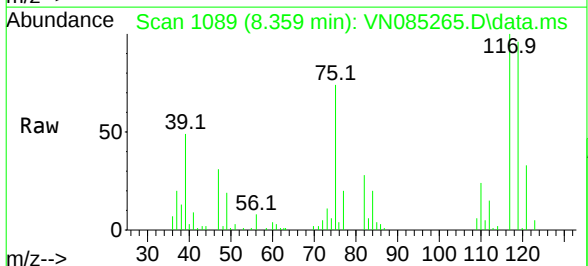
#33
Carbon Tetrachloride
Concen: 21.503 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

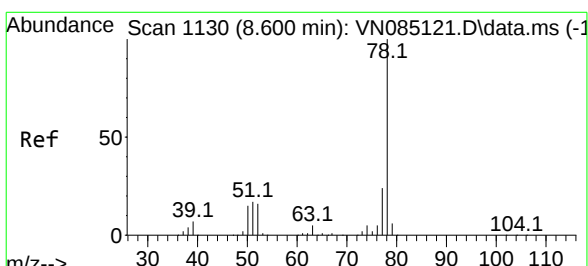
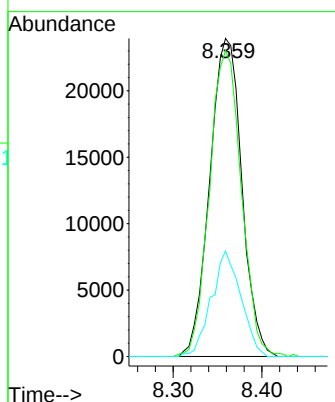
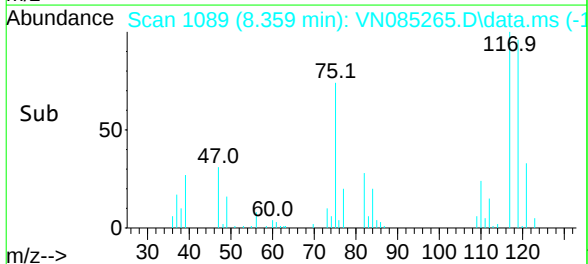
VN1219WBS01



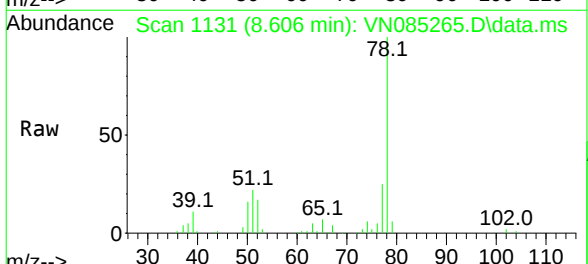
Tgt Ion:	117	Resp:	60114
Ion	Ratio	Lower	Upper
117	100		
119	95.4	81.6	122.4
121	33.2	26.5	39.7

Manual Integrations
APPROVED

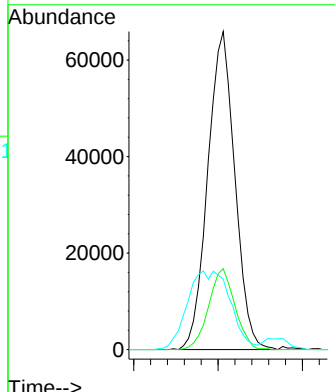
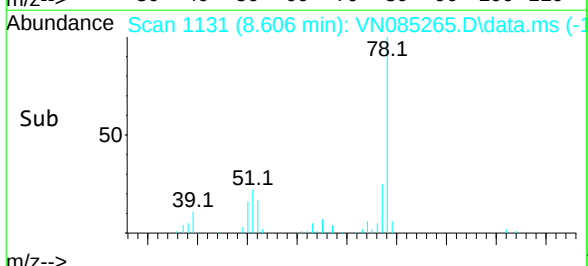
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

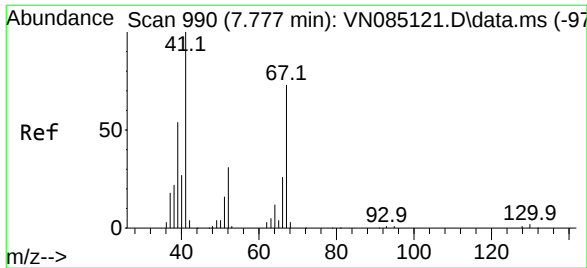


#34
Benzene
Concen: 20.480 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50



Tgt Ion:	78	Resp:	147267
Ion	Ratio	Lower	Upper
78	100		
77	25.4	18.0	27.0
51	18.8	12.4	18.6





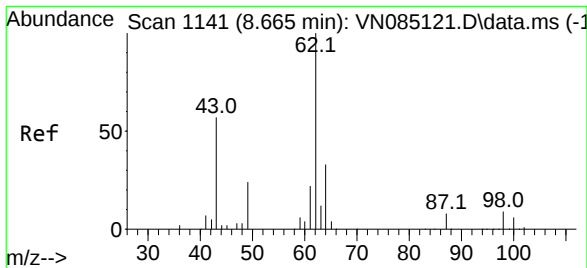
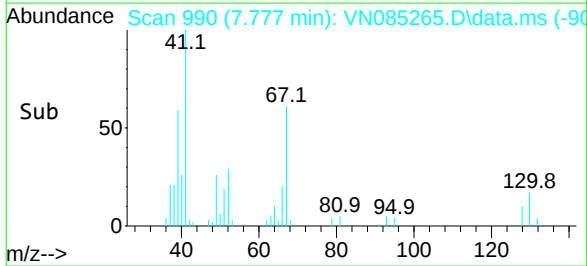
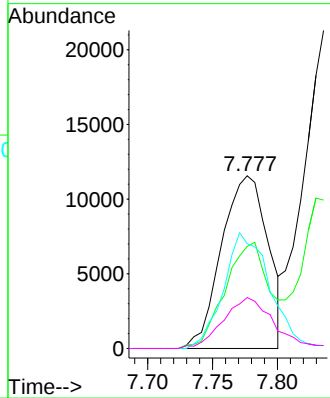
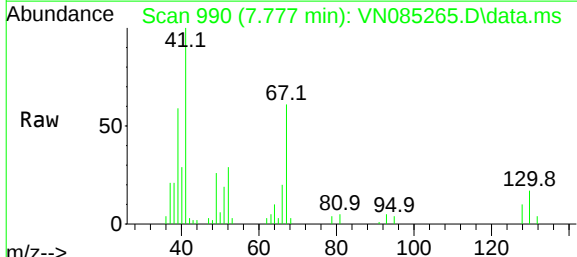
#35
Methacrylonitrile
Concen: 24.334 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion:	41	Resp:	28764
Ion	Ratio	Lower	Upper
41	100		
39	59.1	24.4	73.2
67	60.7	37.0	110.9
52	29.5	12.4	37.2

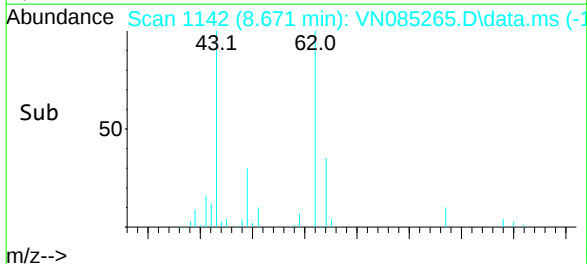
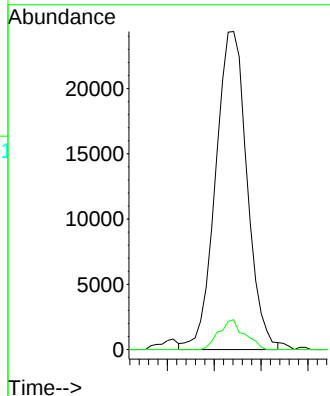
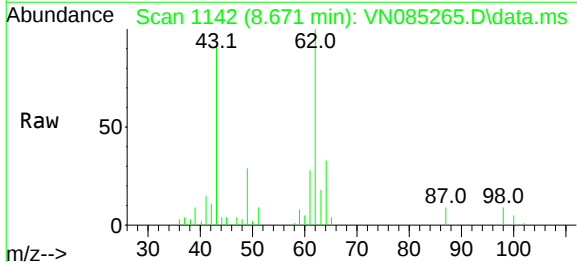
Manual Integrations
APPROVED

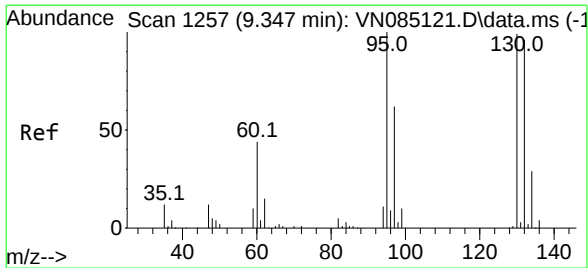
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#36
1,2-Dichloroethane
Concen: 23.223 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

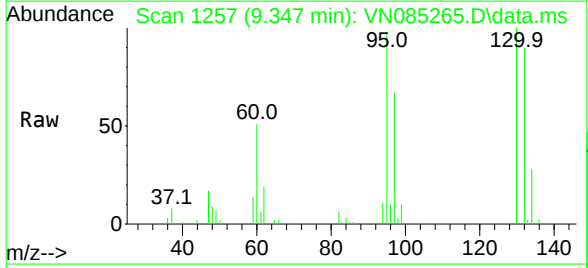
Tgt Ion:	62	Resp:	56847
Ion	Ratio	Lower	Upper
62	100		
98	7.6	7.3	10.9





#37
Trichloroethene
Concen: 18.897 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

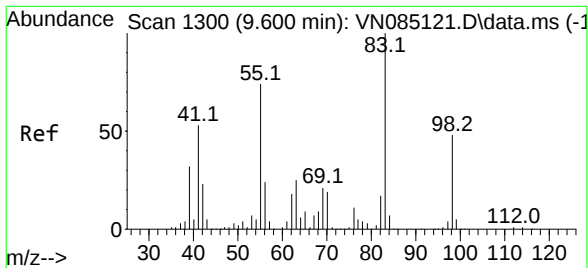
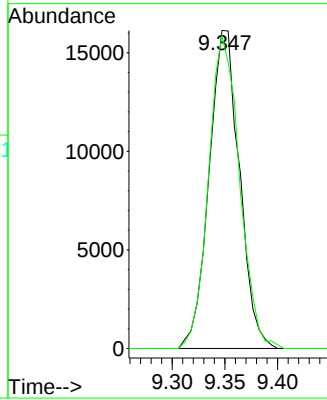
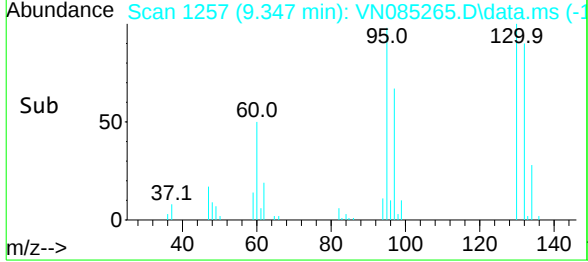
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



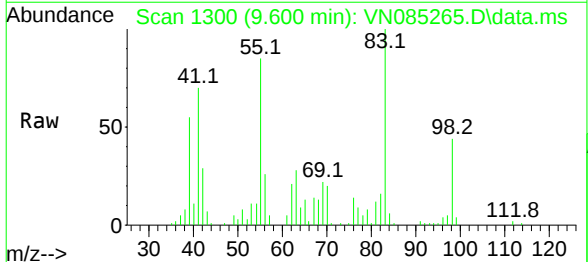
Tgt Ion: 130 Resp: 32358
Ion Ratio Lower Upper
130 100
95 98.2 76.2 114.4

Manual Integrations
APPROVED

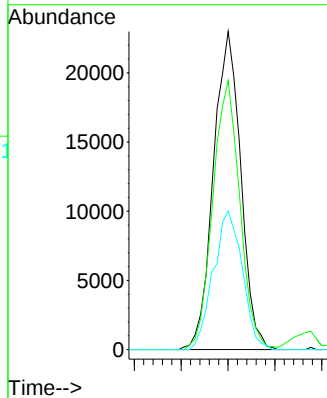
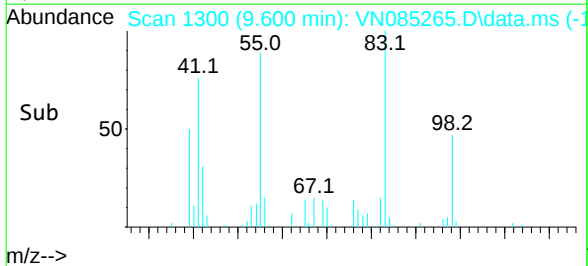
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

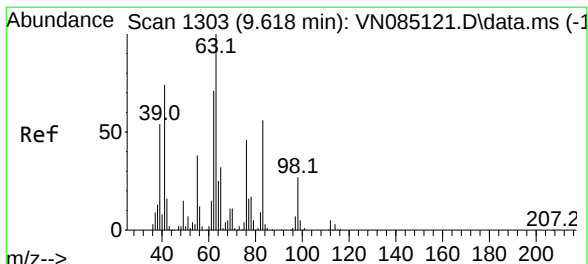


#38
Methylcyclohexane
Concen: 18.694 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50



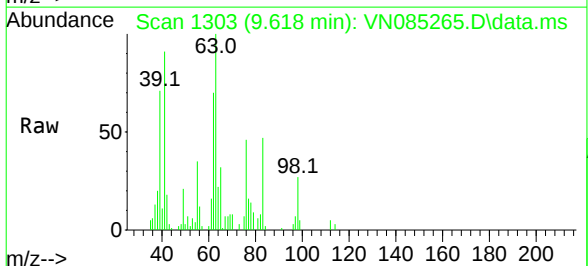
Tgt Ion: 83 Resp: 46526
Ion Ratio Lower Upper
83 100
55 83.7 41.4 124.4
98 46.2 25.7 77.1





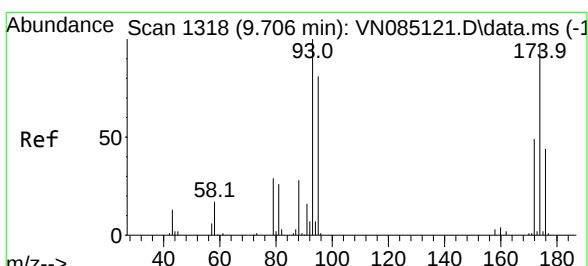
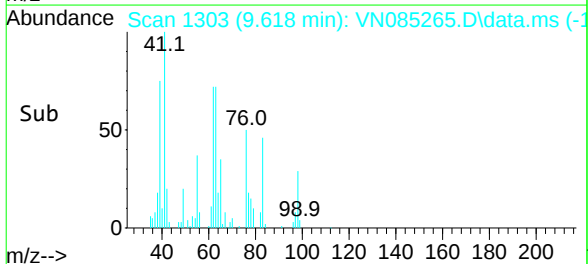
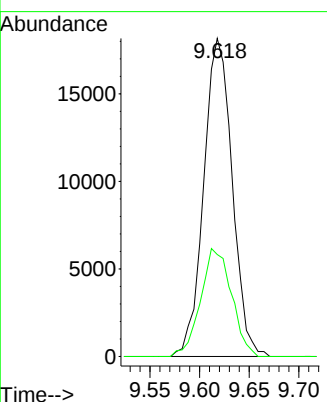
#39
 1,2-Dichloropropane
 Concen: 20.835 ug/l
 RT: 9.618 min Scan# 1303
 Delta R.T. 0.000 min
 Lab File: VN085265.D
 Acq: 19 Dec 2024 14:50

Instrument : MSVOA_N
 ClientSampleId : VN1219WBS01



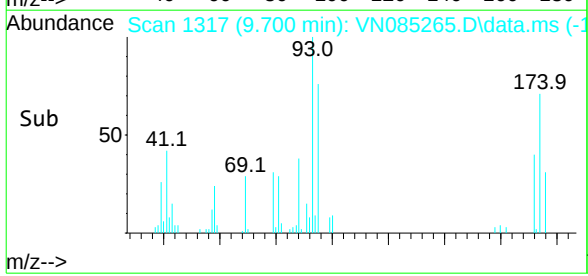
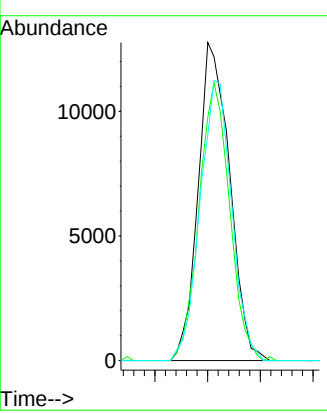
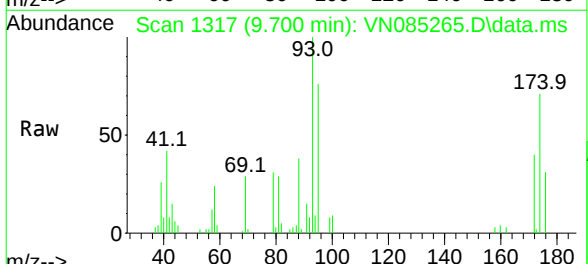
Tgt Ion:	63	Resp:	36287
Ion Ratio	Lower	Upper	
63	100		
65	32.1	23.4	35.0

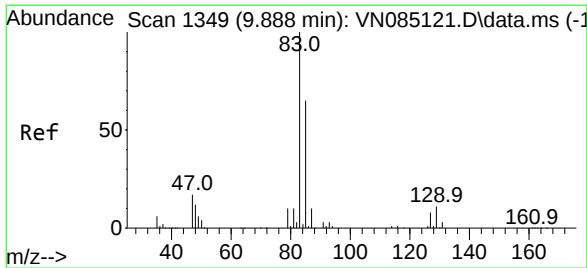
Manual Integrations
APPROVED
 Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#40
 Dibromomethane
 Concen: 21.182 ug/l
 RT: 9.700 min Scan# 1317
 Delta R.T. -0.006 min
 Lab File: VN085265.D
 Acq: 19 Dec 2024 14:50

Tgt Ion:	93	Resp:	26463
Ion Ratio	Lower	Upper	
93	100		
95	84.7	0.0	169.4
174	88.2	0.0	189.8





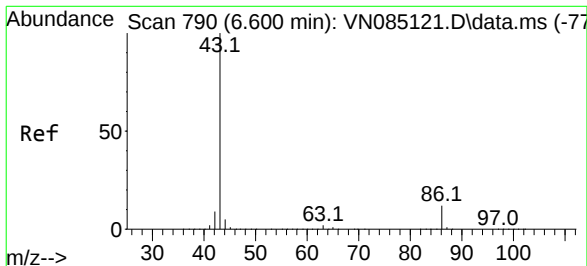
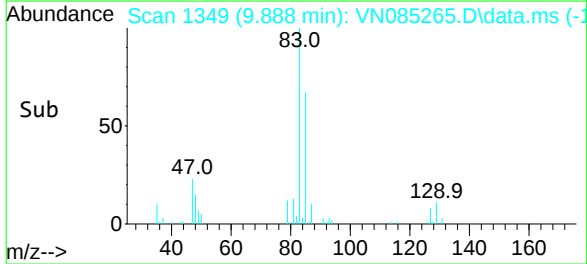
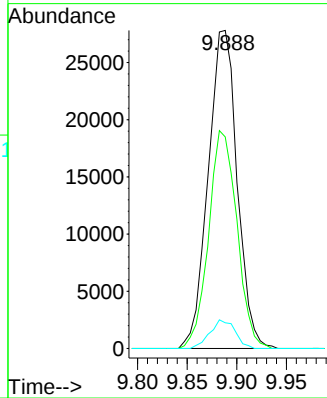
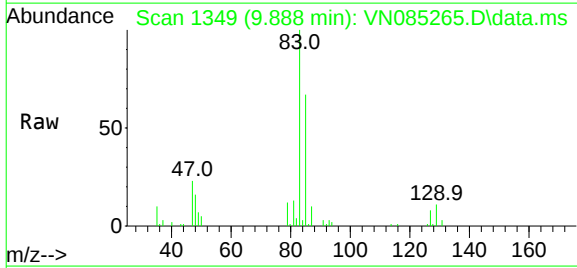
#41
Bromodichloromethane
Concen: 21.169 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion:	83	Resp:	56536
Ion	Ratio	Lower	Upper
83	100		
85	66.5	54.6	81.8
127	8.1	7.0	10.6

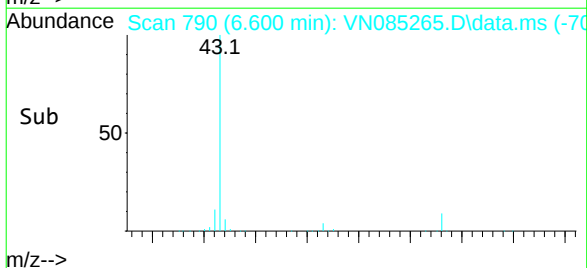
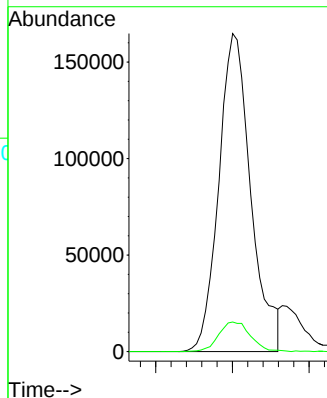
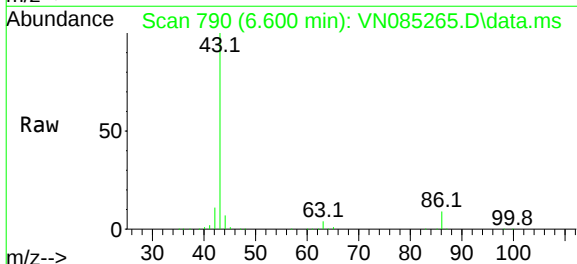
Manual Integrations
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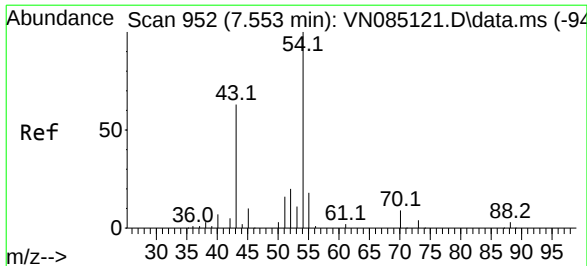
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#42
Vinyl Acetate
Concen: 130.165 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Tgt Ion:	43	Resp:	478435
Ion	Ratio	Lower	Upper
43	100		
86	9.1	9.2	13.8





#43

Ethyl Acetate

Concen: 26.096 ug/l

RT: 7.559 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN085265.D

Acq: 19 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBS01

Tgt Ion: 43 Resp: 54540

Ion Ratio Lower Upper

43 100

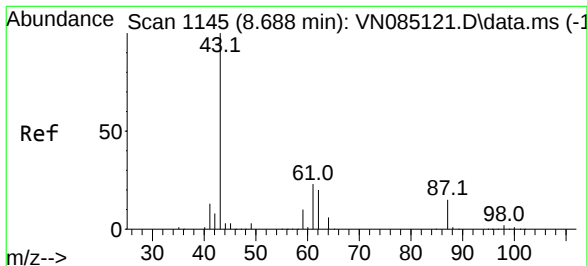
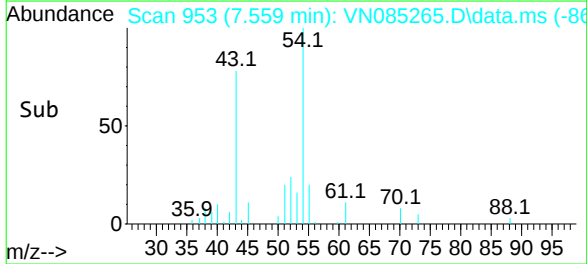
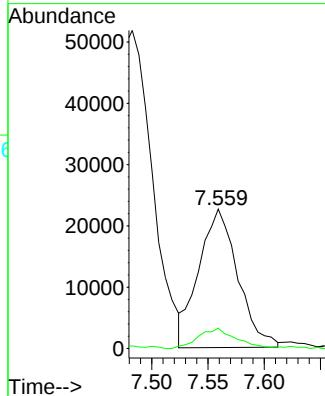
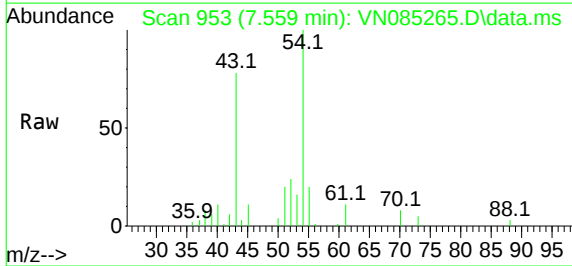
45 13.9 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#44

Isopropyl Acetate

Concen: 23.476 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN085265.D

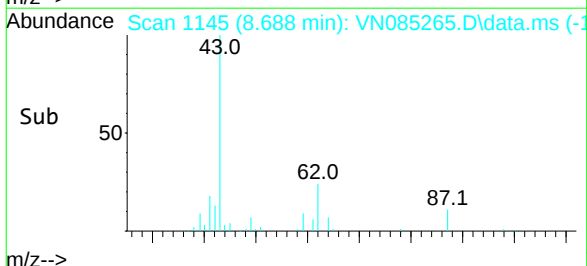
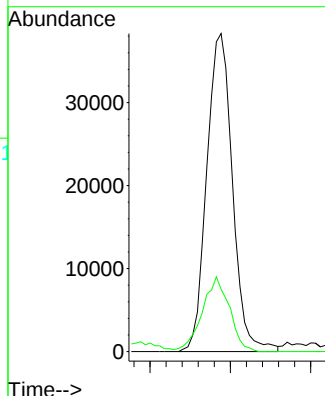
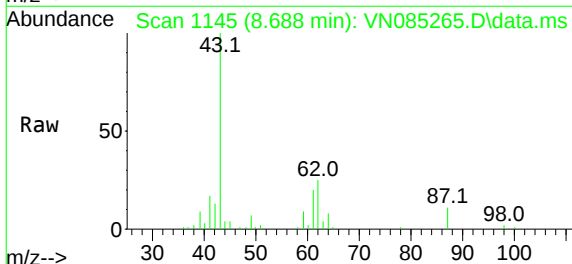
Acq: 19 Dec 2024 14:50

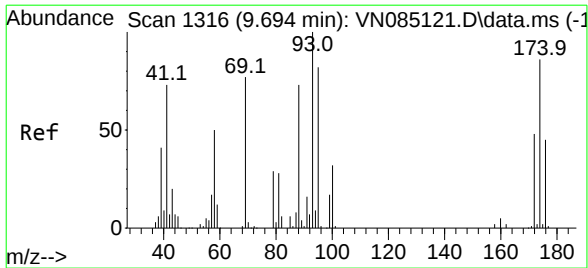
Tgt Ion: 43 Resp: 85263

Ion Ratio Lower Upper

43 100

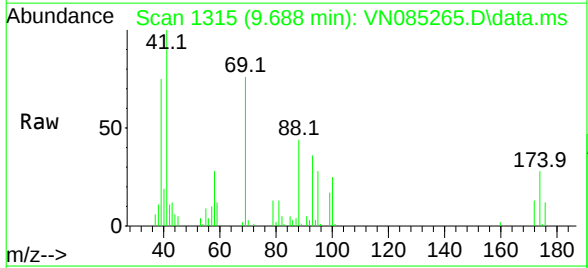
61 24.8 21.5 32.3





#45
1,4-Dioxane
Concen: 425.360 ug/l
RT: 9.688 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

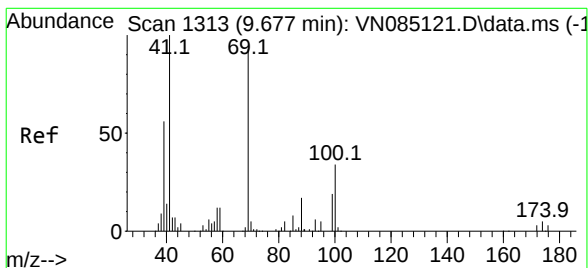
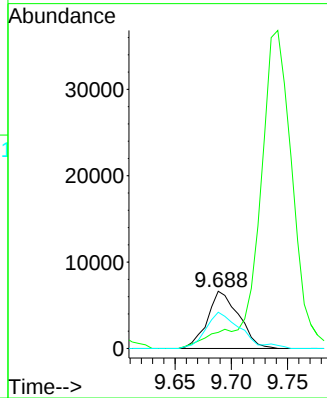
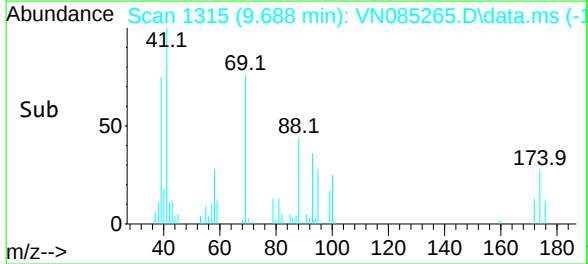
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



Tgt Ion: 88 Resp: 12883
Ion Ratio Lower Upper
88 100
43 29.1 21.7 32.5
58 66.1 52.6 79.0

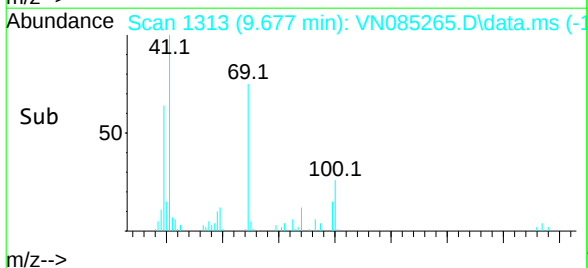
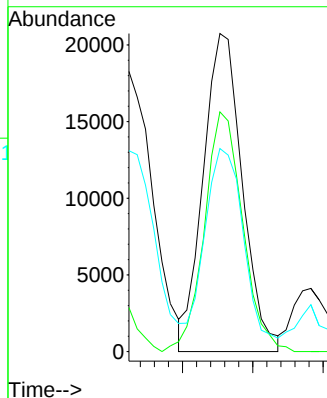
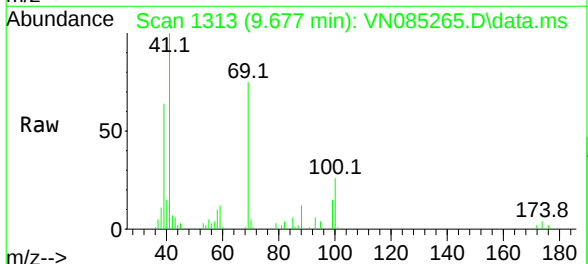
Manual Integrations
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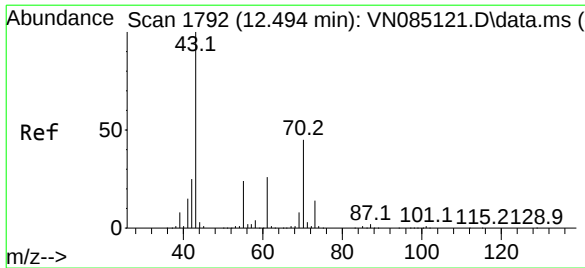
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#46
Methyl methacrylate
Concen: 24.038 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Tgt Ion: 41 Resp: 39956
Ion Ratio Lower Upper
41 100
69 77.4 46.7 140.0
39 62.7 28.5 85.5





#47

n-amy1 Acetate

Concen: 23.482 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN085265.D

Acq: 19 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBS01

Tgt Ion: 43 Resp: 71756

Ion Ratio Lower Upper

43 100

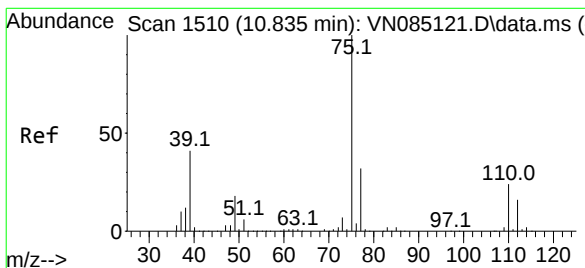
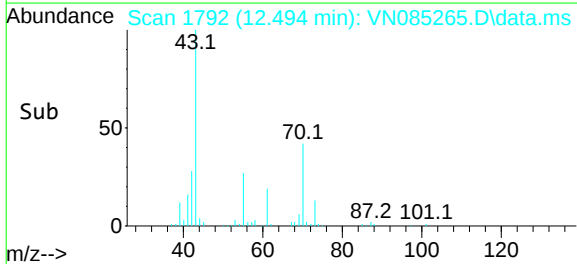
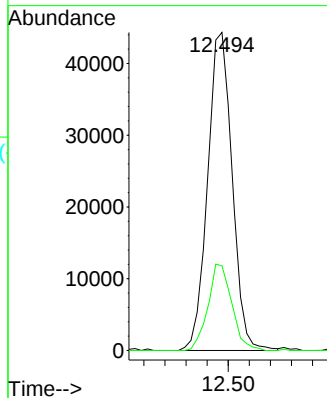
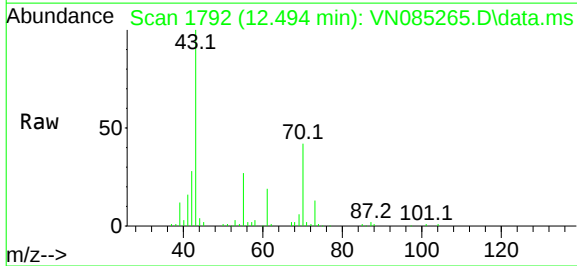
55 26.3 23.3 34.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#48

t-1,3-Dichloropropene

Concen: 20.435 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN085265.D

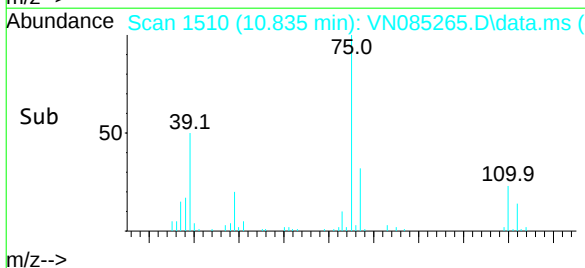
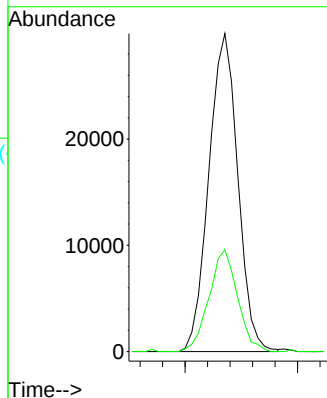
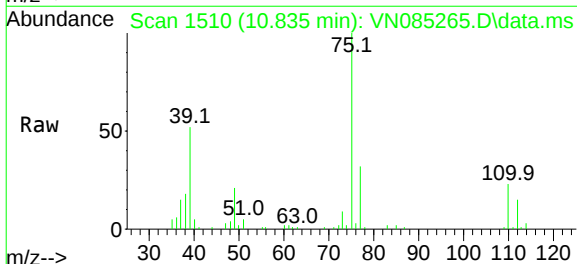
Acq: 19 Dec 2024 14:50

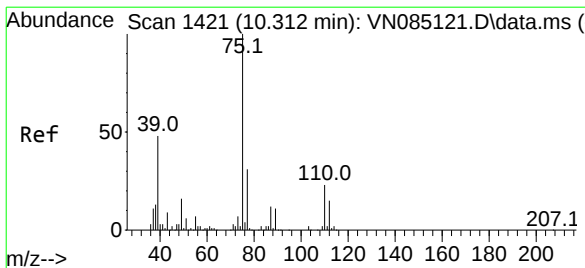
Tgt Ion: 75 Resp: 53574

Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 20.089 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN085265.D

Acq: 19 Dec 2024 14:50

Instrument :

MSVOA_N

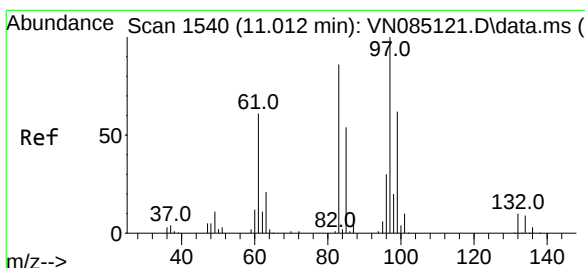
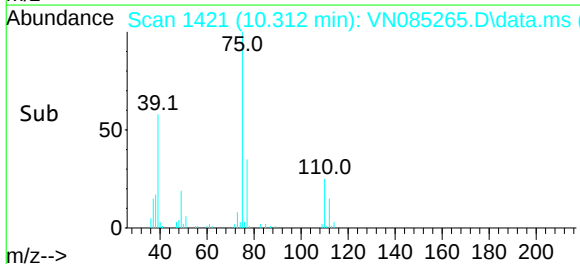
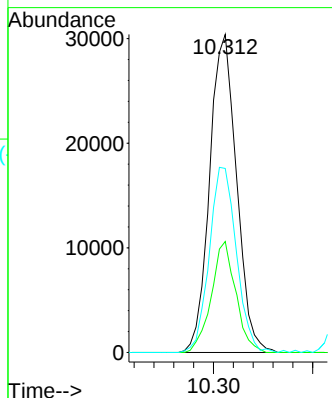
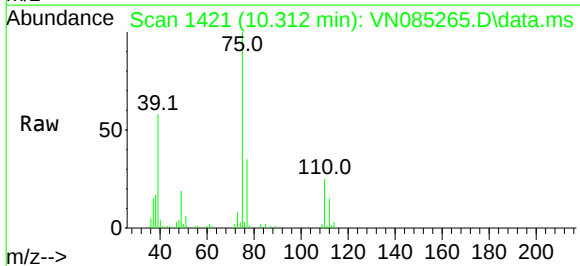
ClientSampleId :

VN1219WBS01

Tgt Ion: 75	Resp: 57334
Ion Ratio	Lower Upper
75 100	
77 34.9	23.8 35.6
39 57.9	37.3 55.9

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Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#50

1,1,2-Trichloroethane

Concen: 20.593 ug/l

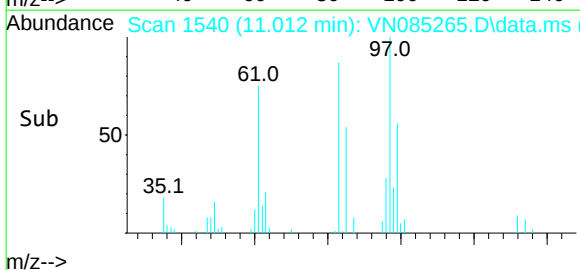
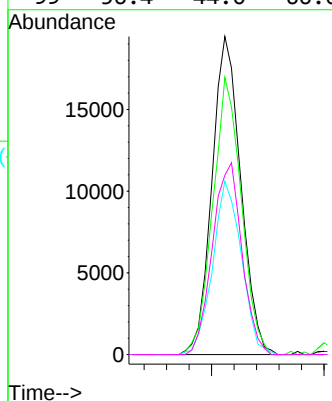
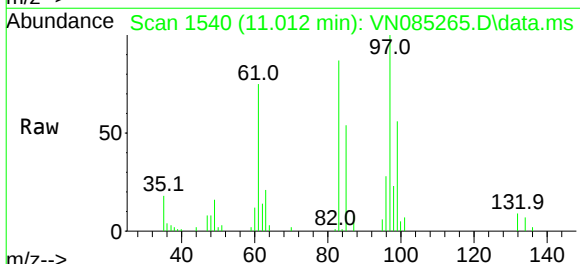
RT: 11.012 min Scan# 1540

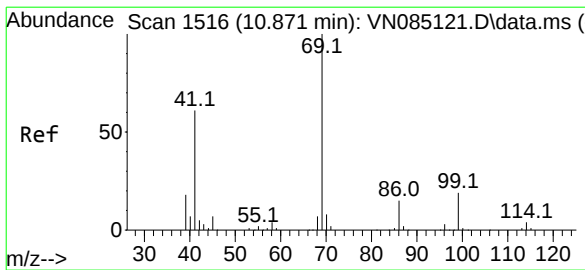
Delta R.T. 0.000 min

Lab File: VN085265.D

Acq: 19 Dec 2024 14:50

Tgt Ion: 97	Resp: 34667
Ion Ratio	Lower Upper
97 100	
83 87.1	65.8 98.8
85 54.5	40.8 61.2
99 56.4	44.0 66.0





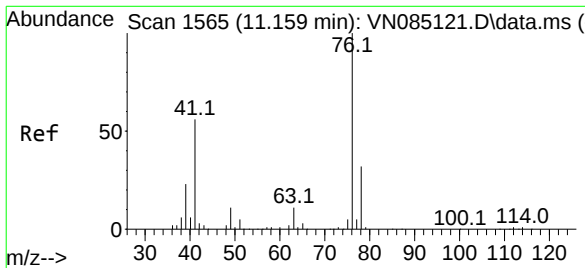
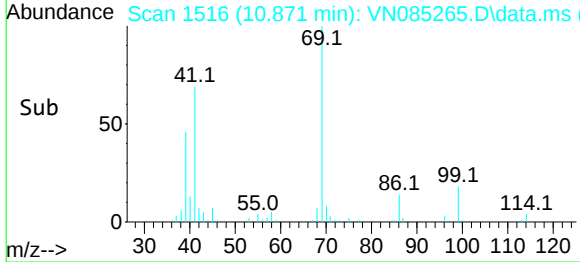
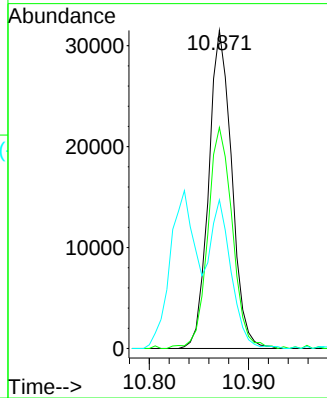
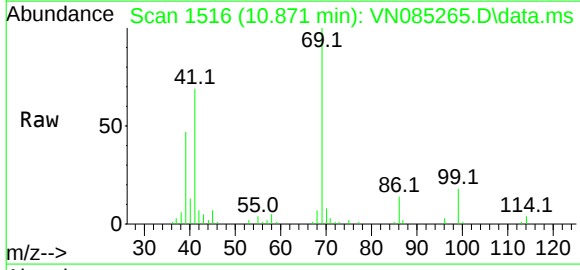
#51
Ethyl methacrylate
Concen: 19.928 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion:	69	Resp:	51024
Ion Ratio	Lower	Upper	
69	100		
41	69.5	32.1	96.3
39	46.1	18.8	56.4

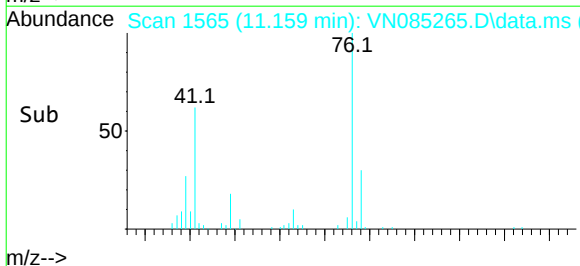
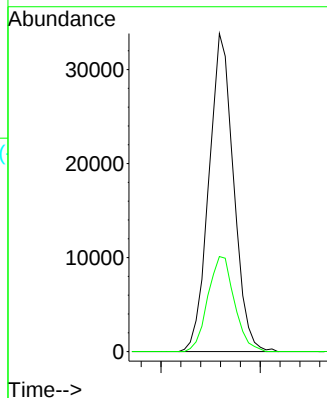
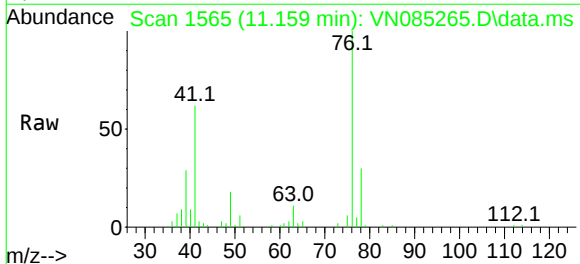
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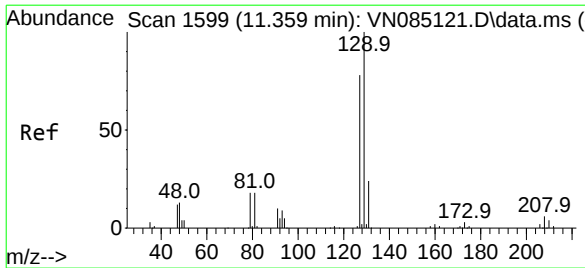
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#52
1,3-Dichloropropane
Concen: 20.766 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Tgt Ion:	76	Resp:	58504
Ion Ratio	Lower	Upper	
76	100		
78	32.1	0.0	65.6





#53

Dibromochloromethane

Concen: 19.353 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.006 min

Lab File: VN085265.D

Acq: 19 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBS01

Tgt Ion:129 Resp: 39704

Ion Ratio Lower Upper

129 100

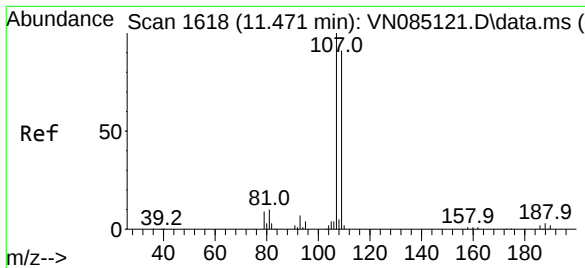
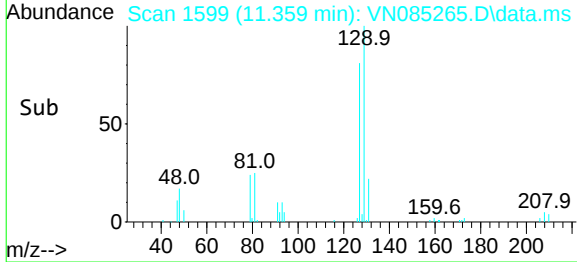
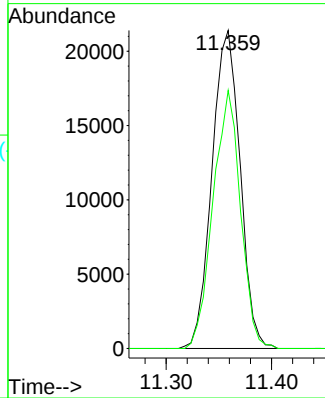
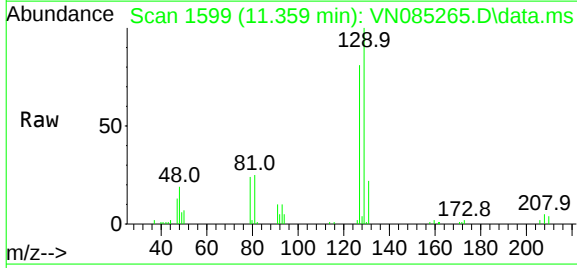
127 79.2 37.3 111.9

Manual Integrations

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Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#54

1,2-Dibromoethane

Concen: 19.593 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VN085265.D

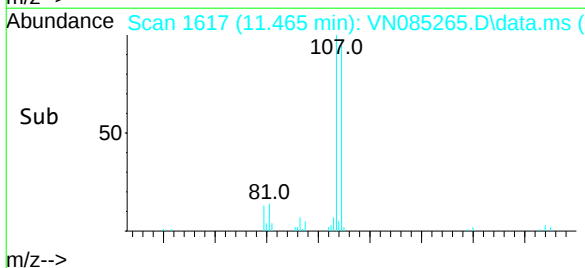
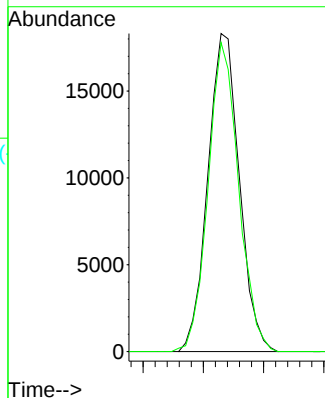
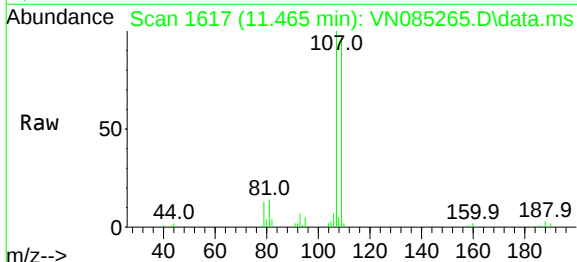
Acq: 19 Dec 2024 14:50

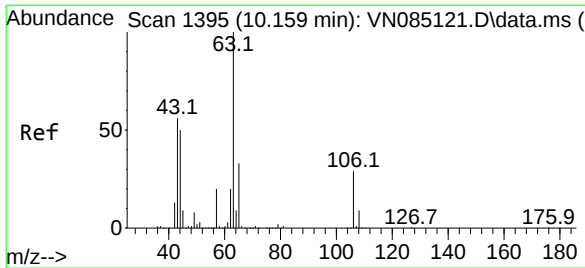
Tgt Ion:107 Resp: 33233

Ion Ratio Lower Upper

107 100

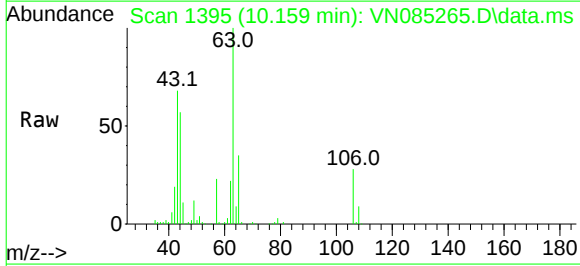
109 94.2 75.2 112.8





#55
2-Chloroethyl vinyl ether
Concen: 109.604 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

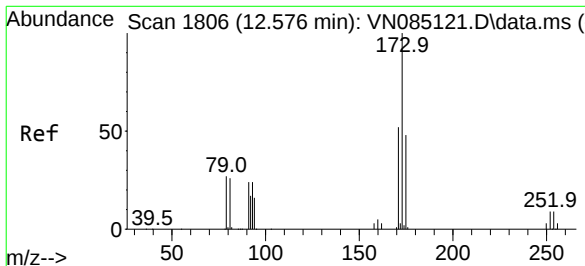
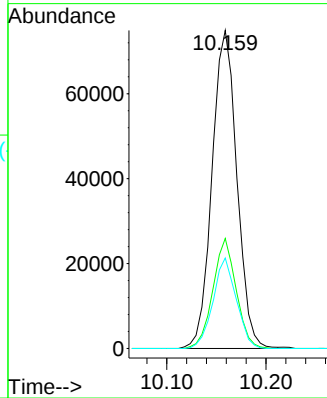
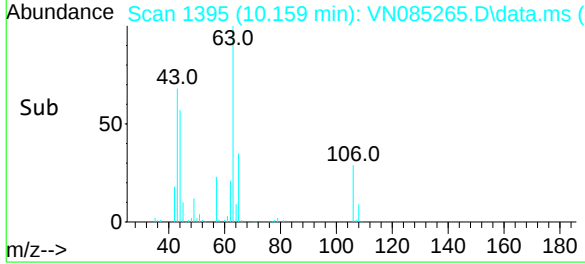
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



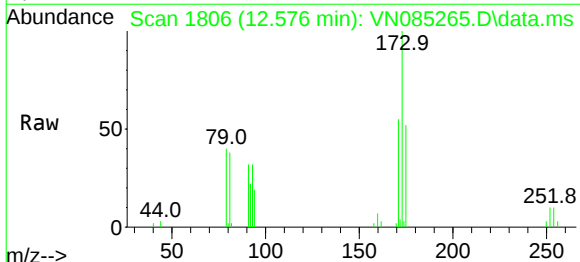
Tgt Ion: 63 Resp: 130367
Ion Ratio Lower Upper
63 100
65 32.3 25.9 38.9
106 26.7 23.5 35.3

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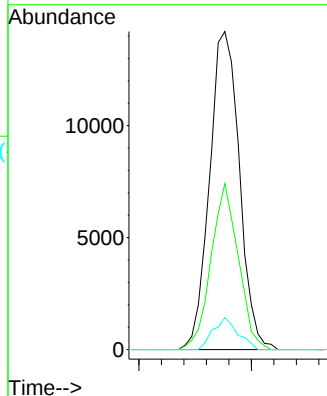
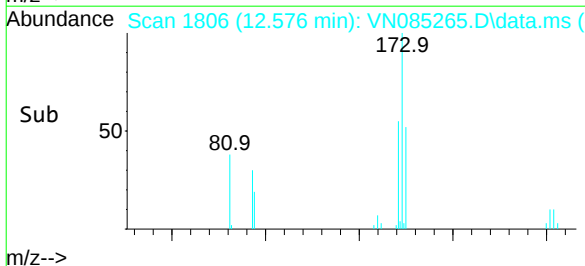
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

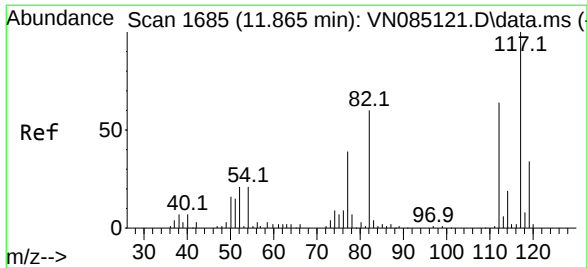


#56
Bromoform
Concen: 19.045 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50



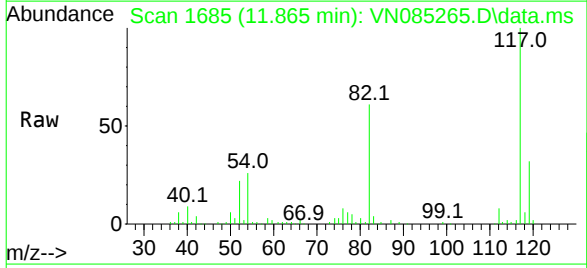
Tgt Ion:173 Resp: 26196
Ion Ratio Lower Upper
173 100
175 47.7 40.2 60.2
254 8.3 6.2 9.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

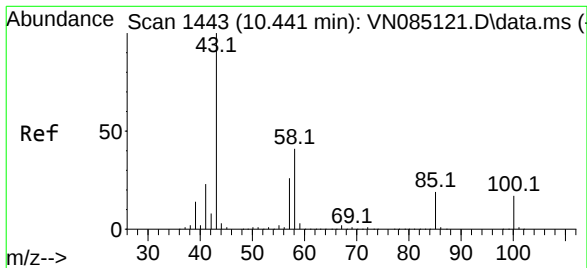
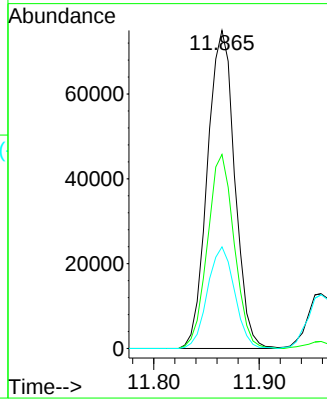
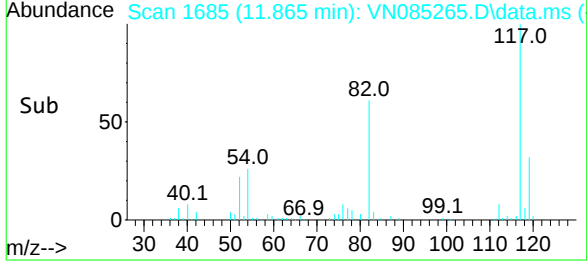
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



Tgt Ion: 117 Resp: 135074
Ion Ratio Lower Upper
117 100
82 59.6 44.2 66.4
119 31.6 25.4 38.2

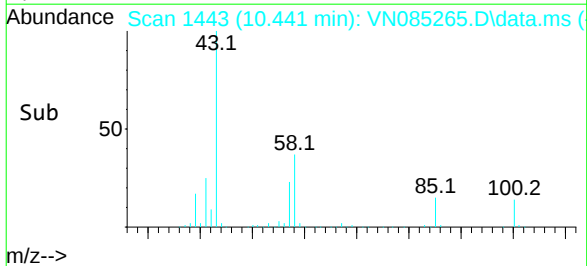
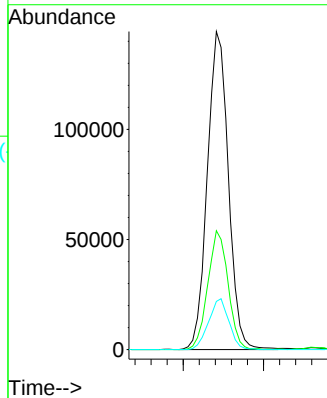
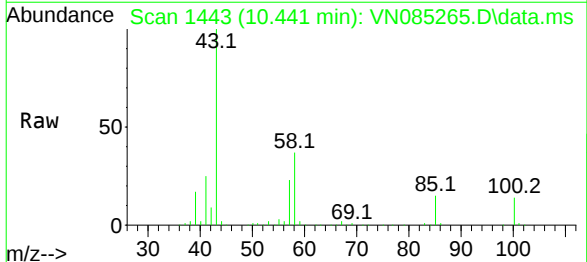
Manual Integrations
APPROVED

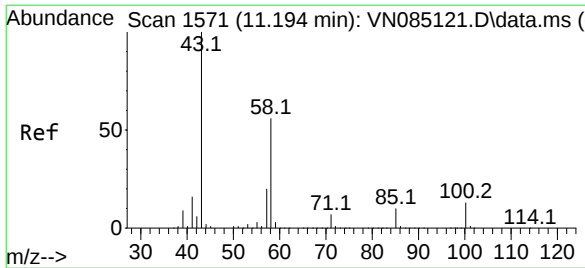
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#58
4-Methyl-2-Pentanone
Concen: 119.305 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

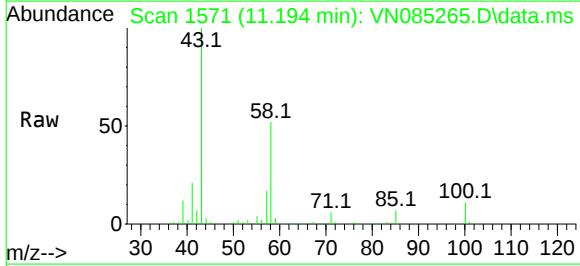
Tgt Ion: 43 Resp: 263002
Ion Ratio Lower Upper
43 100
58 36.0 31.6 47.4
85 15.5 15.0 22.6





#59
2-Hexanone
Concen: 113.591 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

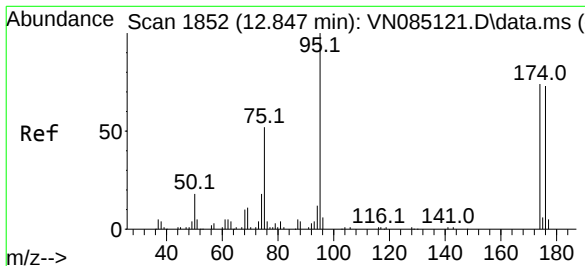
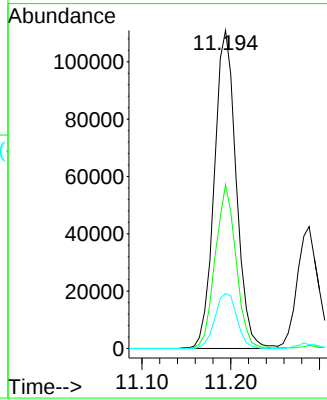
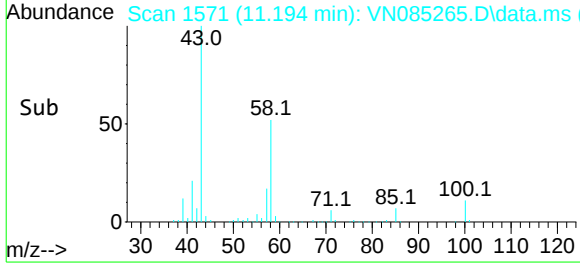
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



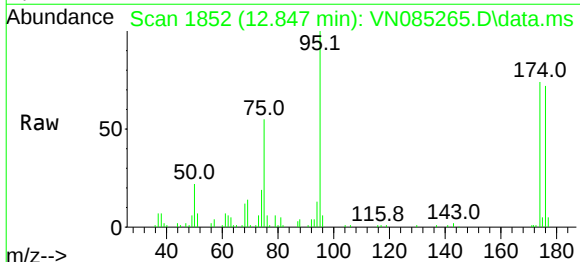
Tgt Ion: 43 Resp: 189734
Ion Ratio Lower Upper
43 100
58 48.9 43.6 65.4
57 17.4 15.4 23.0

Manual Integrations
APPROVED

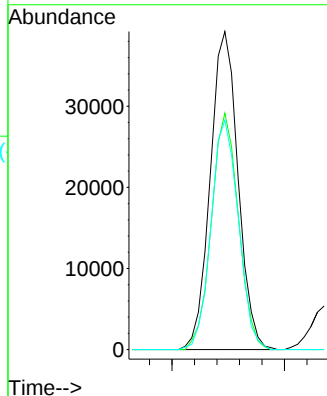
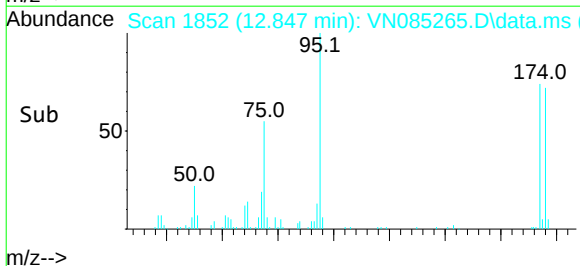
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

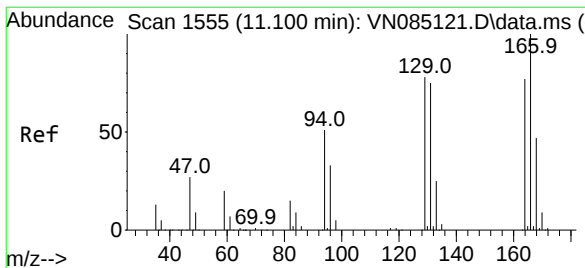


#60
4-Bromofluorobenzene
Concen: 30.090 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50



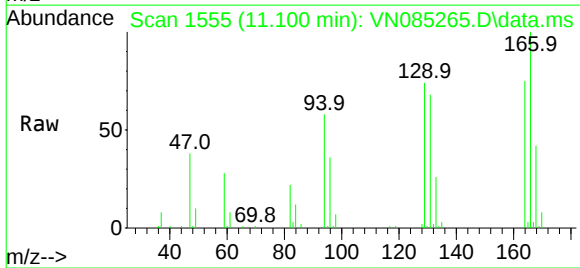
Tgt Ion: 95 Resp: 67249
Ion Ratio Lower Upper
95 100
174 72.1 60.3 90.5
176 70.9 57.4 86.0





#61
Tetrachloroethene
Concen: 17.684 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

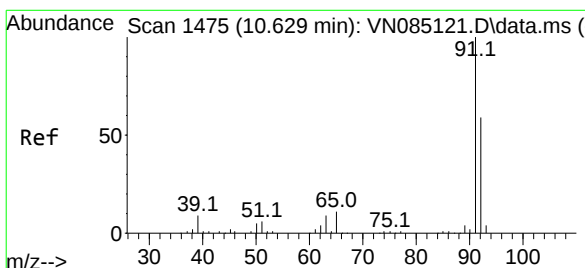
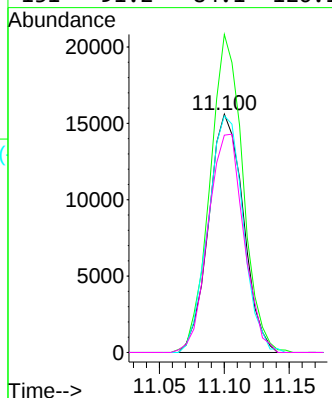
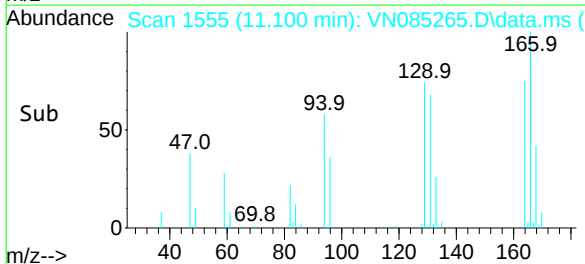
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



Tgt Ion: 164 Resp: 28927
Ion Ratio Lower Upper
164 100
166 132.3 103.8 155.8
129 99.3 84.2 126.4
131 91.2 84.1 126.1

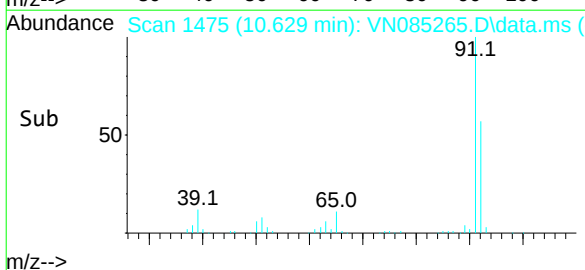
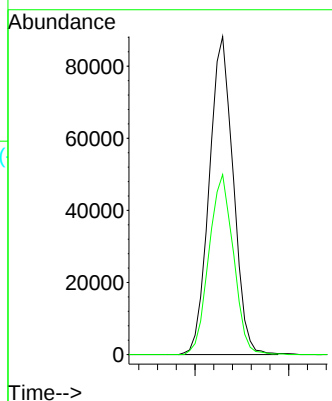
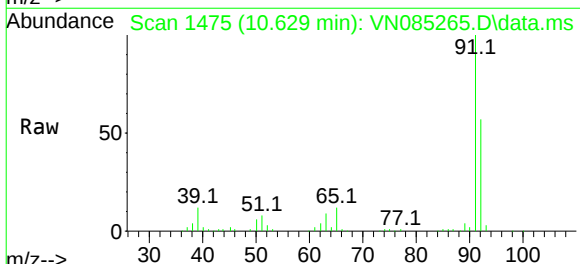
Manual Integrations
APPROVED

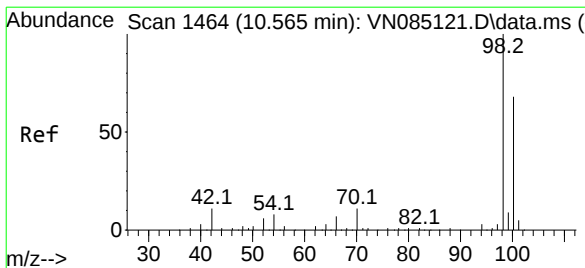
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#62
Toluene
Concen: 19.946 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Tgt Ion: 91 Resp: 157129
Ion Ratio Lower Upper
91 100
92 57.7 46.5 69.7





#63

Toluene-d8

Concen: 31.884 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085265.D

Acq: 19 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBS01

Tgt Ion: 98 Resp: 202018

Ion Ratio Lower Upper

98 100

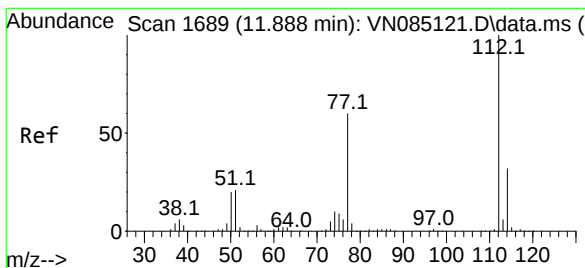
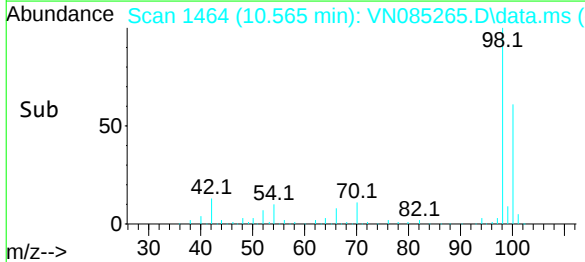
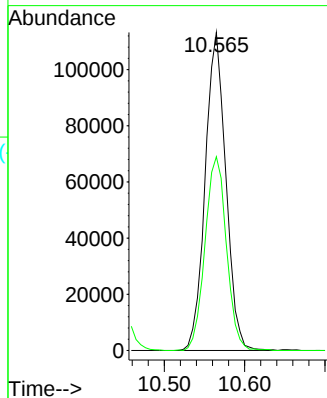
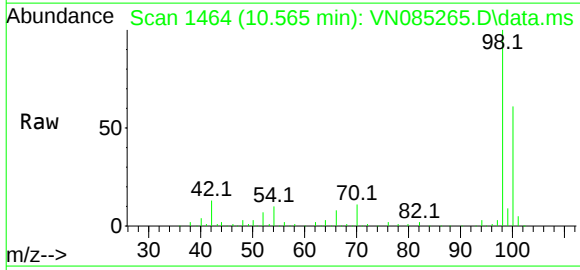
100 63.0 52.0 78.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#64

Chlorobenzene

Concen: 19.304 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN085265.D

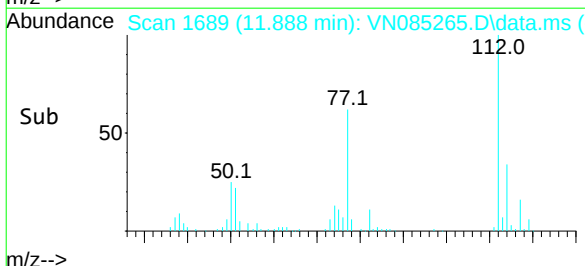
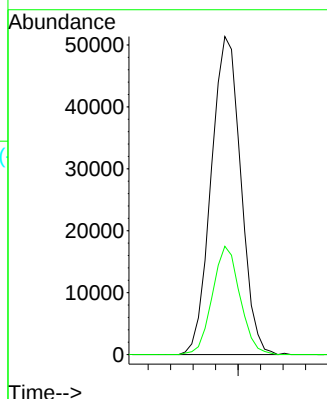
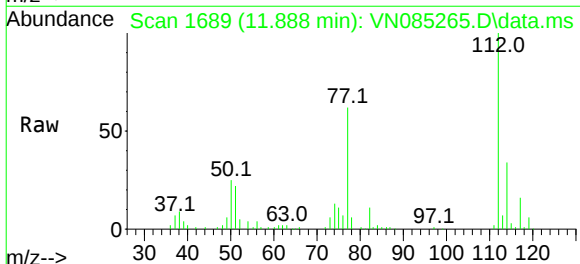
Acq: 19 Dec 2024 14:50

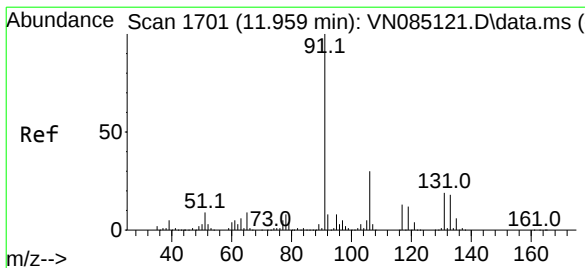
Tgt Ion:112 Resp: 93889

Ion Ratio Lower Upper

112 100

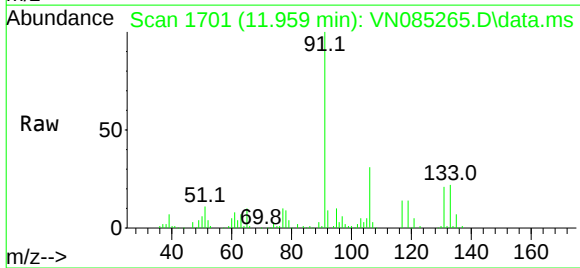
114 34.0 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 18.833 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

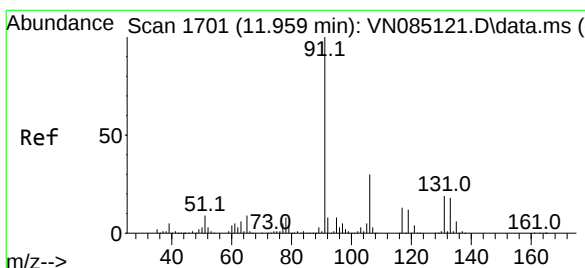
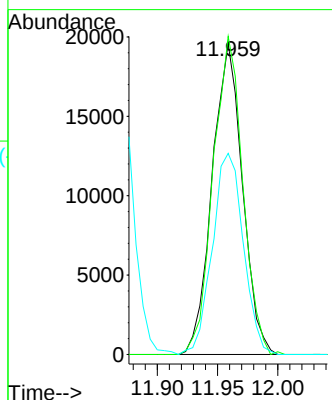
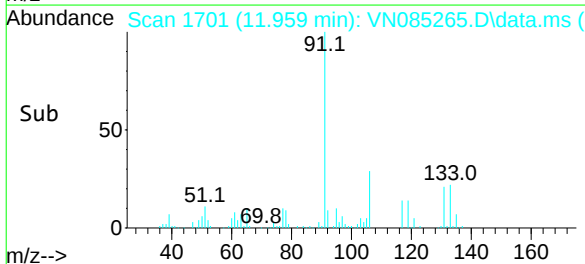
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



Tgt Ion	Ratio	Lower	Upper
131	100		
133	100.0	0.0	194.0
119	66.2	0.0	131.8

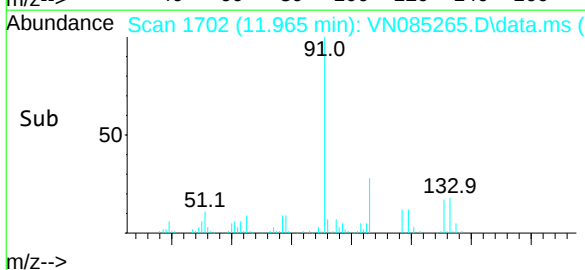
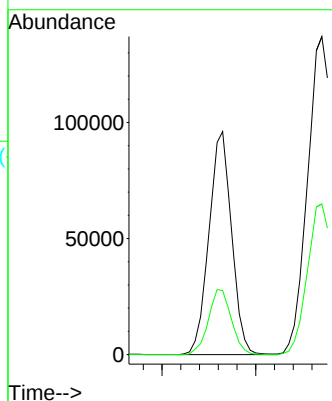
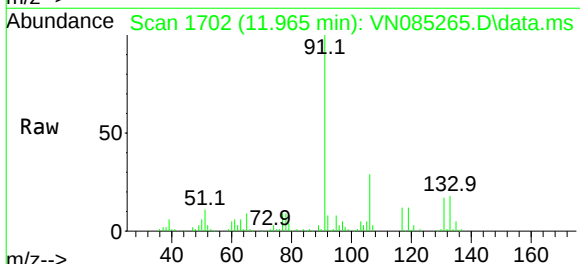
Manual Integrations
APPROVED

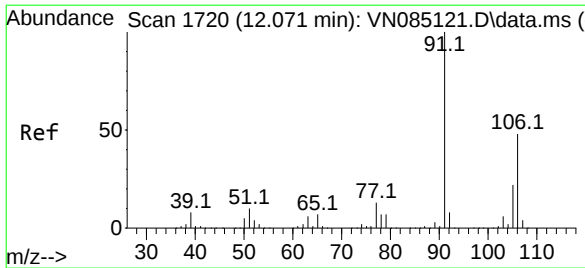
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#66
Ethyl Benzene
Concen: 19.300 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.7	23.1	34.7





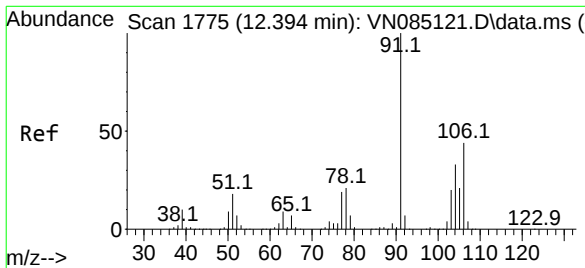
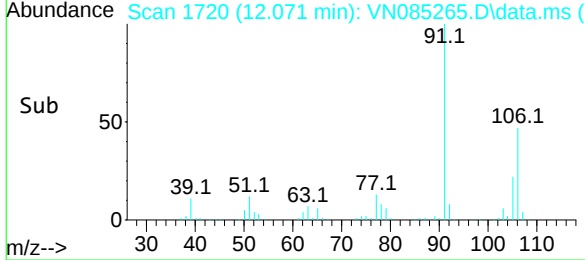
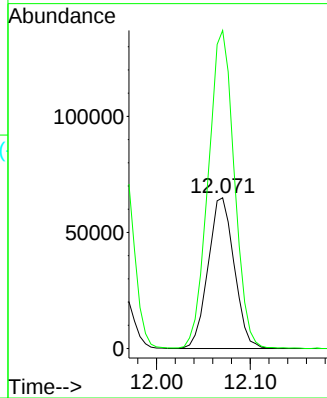
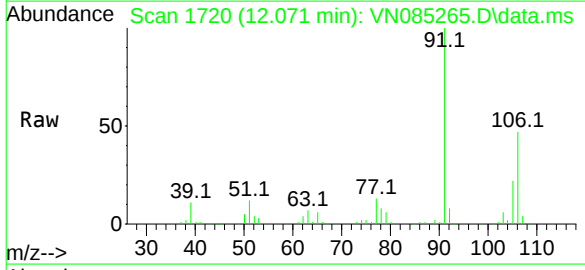
#67
m/p-Xylenes
Concen: 39.073 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion:106 Resp: 125621
Ion Ratio Lower Upper
106 100
91 210.1 165.0 247.4

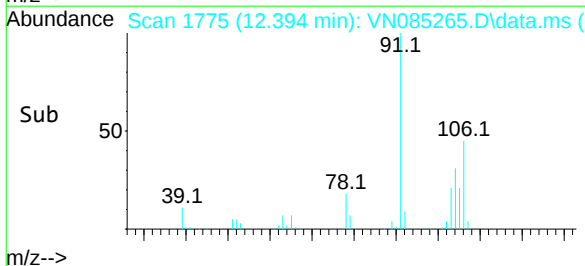
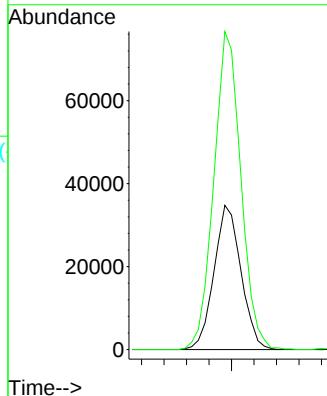
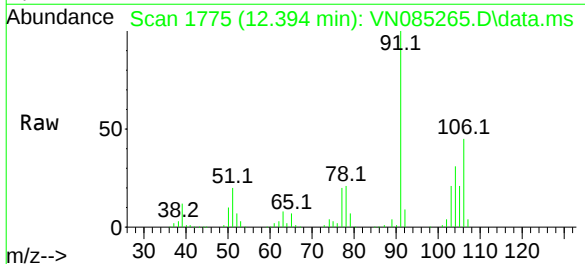
Manual Integrations
APPROVED

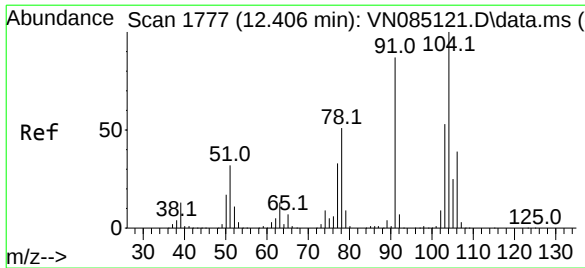
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#68
o-Xylene
Concen: 19.218 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Tgt Ion:106 Resp: 58026
Ion Ratio Lower Upper
106 100
91 220.4 112.1 336.4





#69

Styrene

Concen: 19.652 ug/l

RT: 12.412 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN085265.D

Acq: 19 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBS01

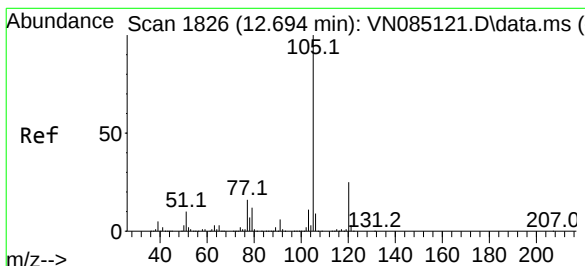
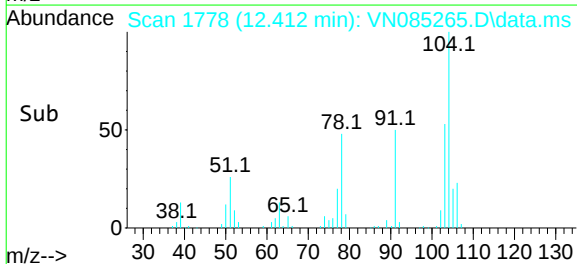
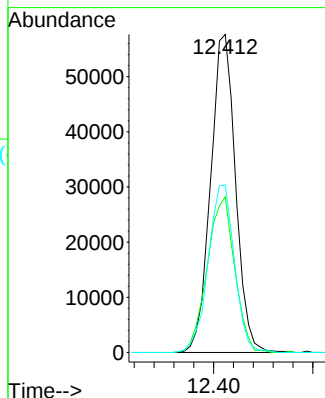
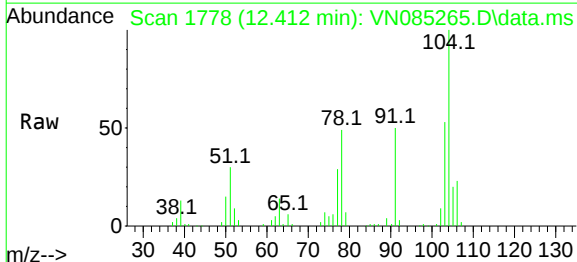
Tgt Ion:	104	Resp:	100690
Ion	Ratio	Lower	Upper
104	100		
78	53.7	42.3	63.5
103	55.6	44.4	66.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#70

Isopropylbenzene

Concen: 18.657 ug/l

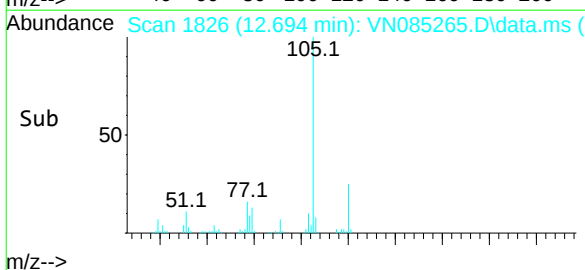
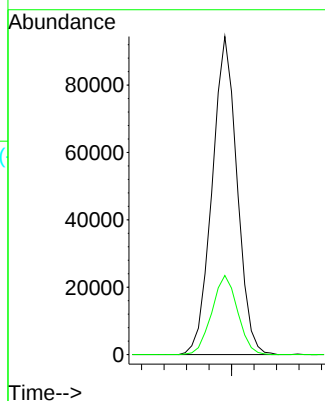
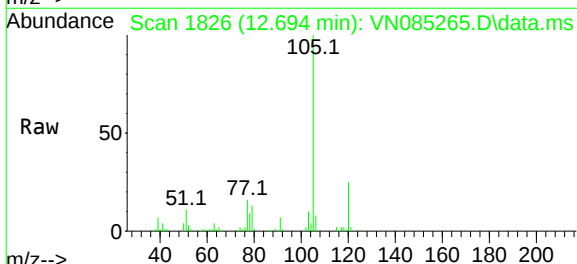
RT: 12.694 min Scan# 1826

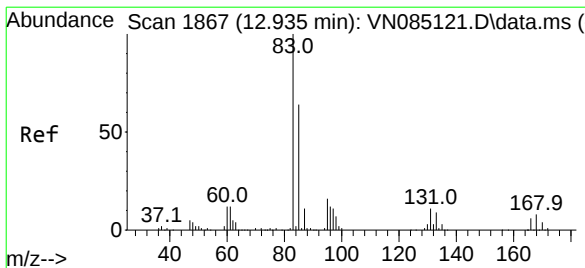
Delta R.T. 0.000 min

Lab File: VN085265.D

Acq: 19 Dec 2024 14:50

Tgt Ion:	105	Resp:	145300
Ion	Ratio	Lower	Upper
105	100		
120	25.7	18.3	33.9





#71

1,1,2,2-Tetrachloroethane

Concen: 21.847 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN085265.D

Acq: 19 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBS01

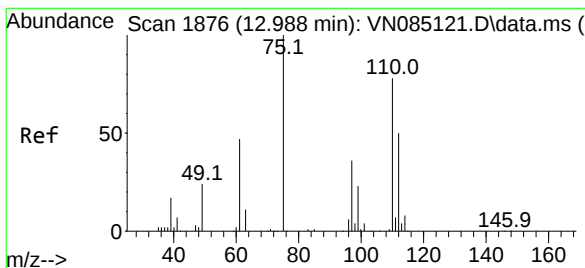
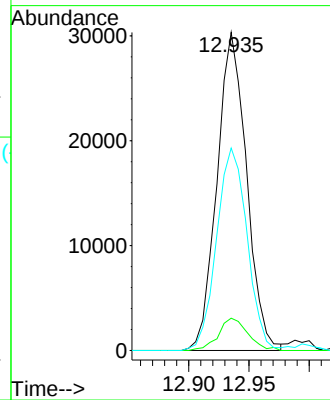
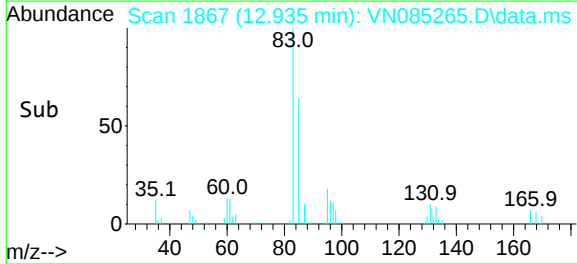
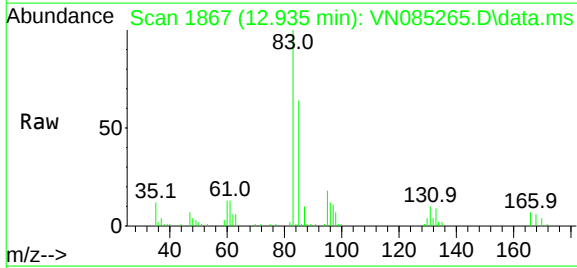
Tgt Ion:	83	Resp:	51787
Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.1	15.3
85	65.6	31.1	93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#72

1,2,3-Trichloropropane

Concen: 20.079 ug/l m

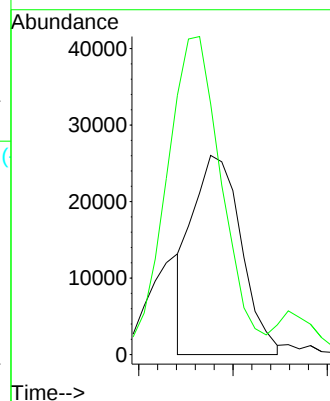
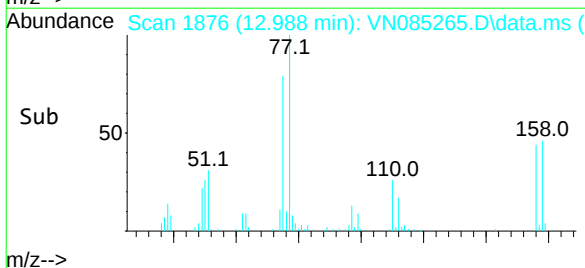
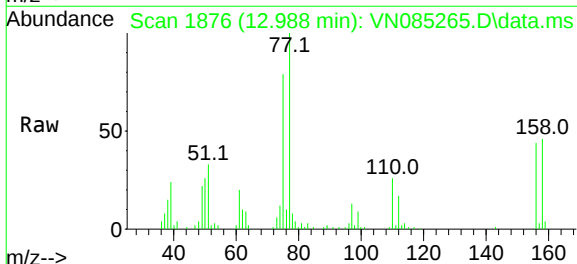
RT: 12.988 min Scan# 1876

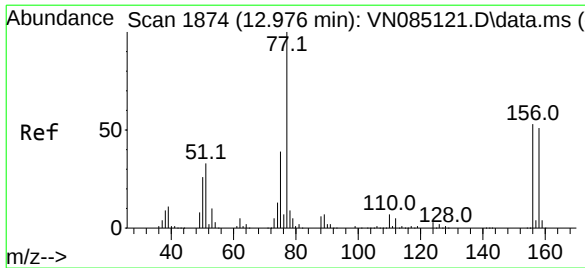
Delta R.T. -0.006 min

Lab File: VN085265.D

Acq: 19 Dec 2024 14:50

Tgt Ion:	75	Resp:	47017
Ion	Ratio	Lower	Upper
75	100		
77	181.5	0.0	339.0





#73

Bromobenzene

Concen: 19.447 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085265.D

Acq: 19 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBS01

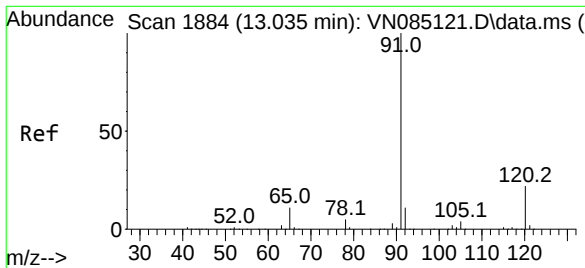
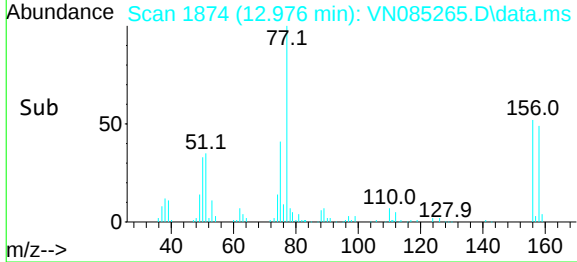
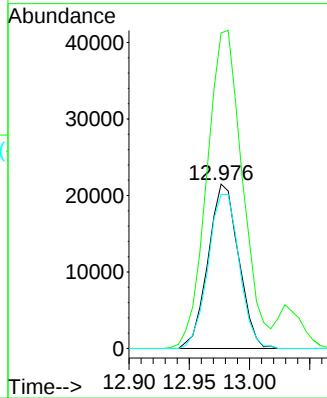
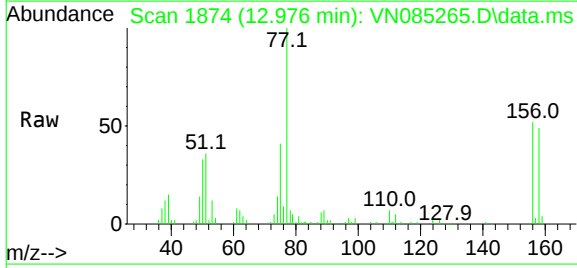
Tgt Ion:	156	Resp:	37935
Ion Ratio	Lower	Upper	
156	100		
77	224.9	0.0	430.4
158	95.5	0.0	195.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#74

n-propylbenzene

Concen: 19.488 ug/l

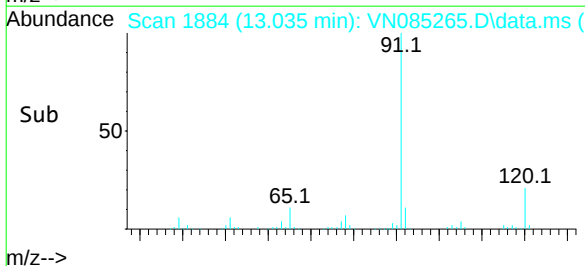
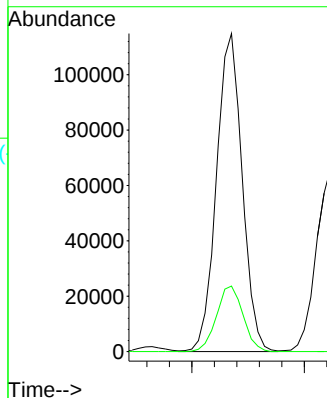
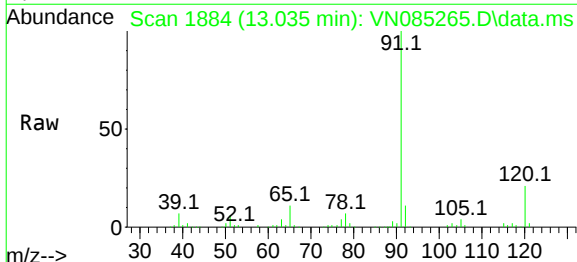
RT: 13.035 min Scan# 1884

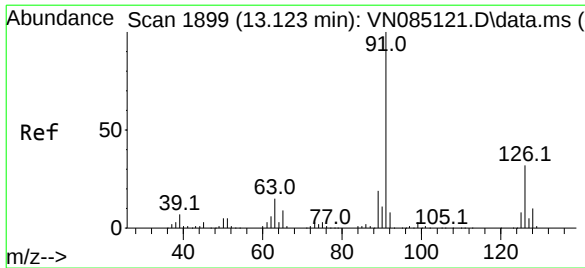
Delta R.T. 0.000 min

Lab File: VN085265.D

Acq: 19 Dec 2024 14:50

Tgt Ion:	91	Resp:	182457
Ion Ratio	Lower	Upper	
91	100		
120	21.3	0.0	44.0





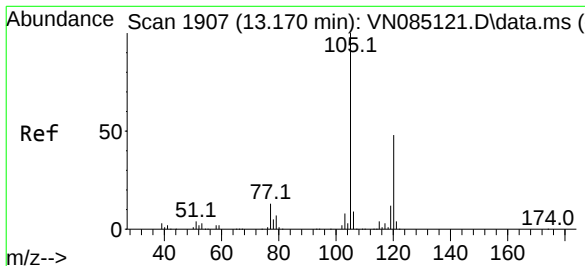
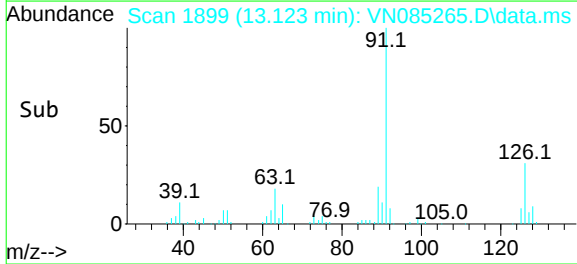
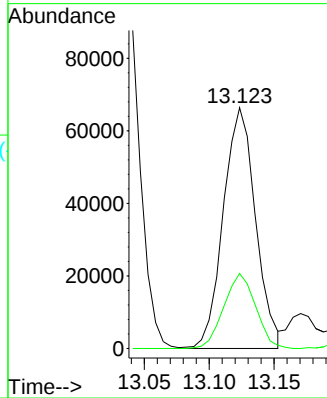
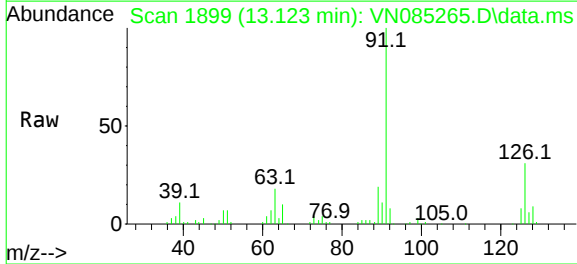
#75
2-Chlorotoluene
Concen: 19.845 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion: 91 Resp: 114880
Ion Ratio Lower Upper
91 100
126 30.5 0.0 64.2

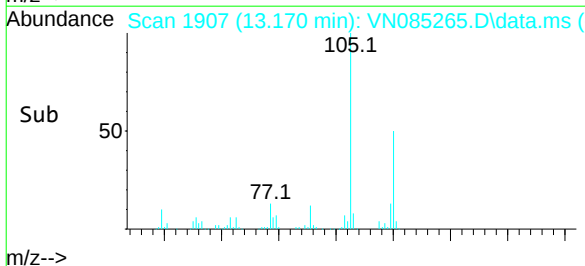
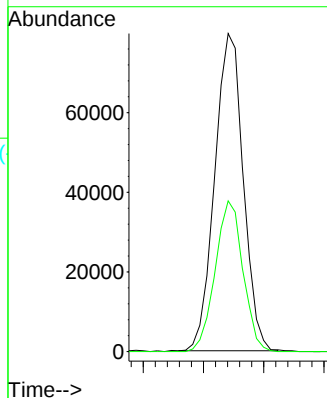
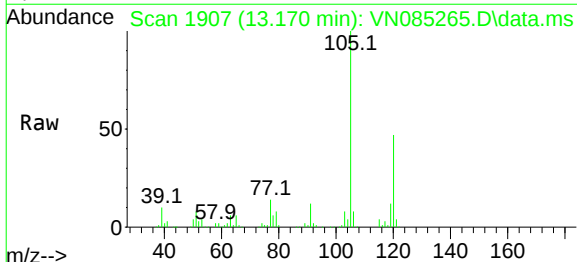
Manual Integrations
APPROVED

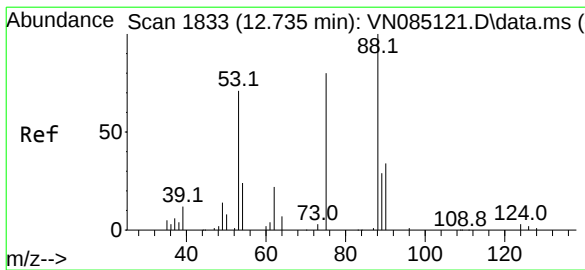
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.660 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

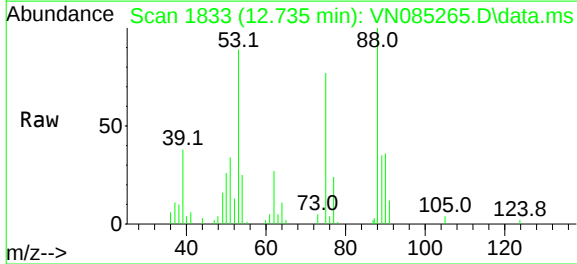
Tgt Ion:105 Resp: 131171
Ion Ratio Lower Upper
105 100
120 46.1 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 19.244 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

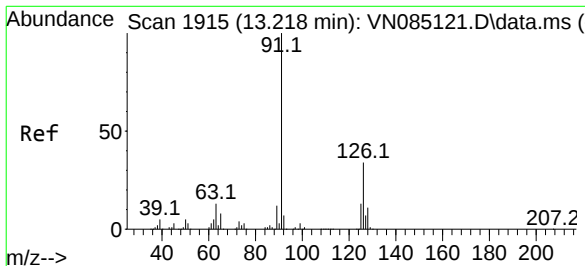
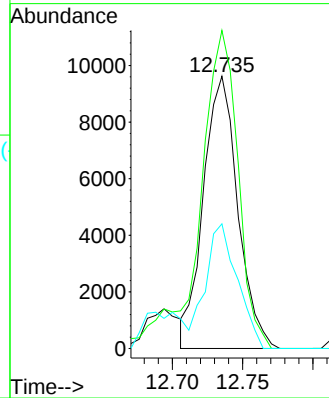
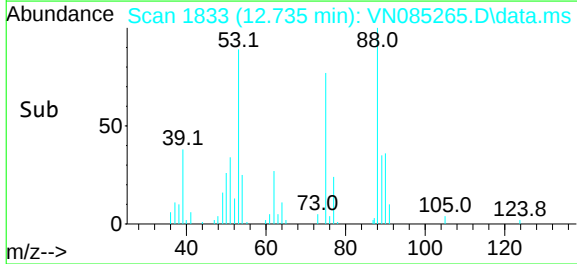
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



Tgt Ion: 75 Resp: 16374
Ion Ratio Lower Upper
75 100
53 116.8 49.1 147.3
89 45.8 22.9 68.5

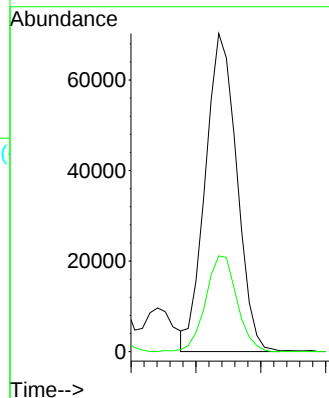
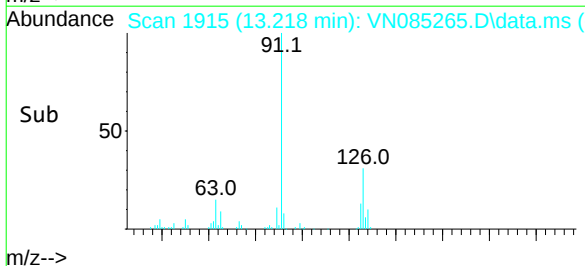
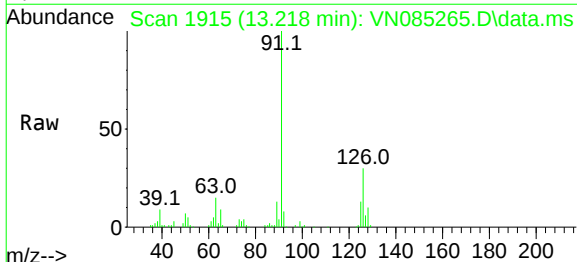
Manual Integrations
APPROVED

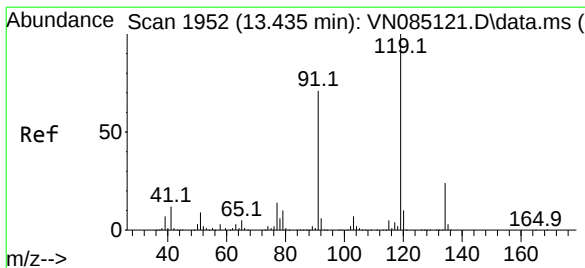
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#78
4-Chlorotoluene
Concen: 20.149 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Tgt Ion: 91 Resp: 118387
Ion Ratio Lower Upper
91 100
126 29.9 0.0 64.4





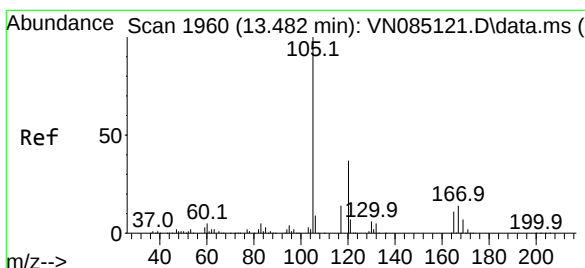
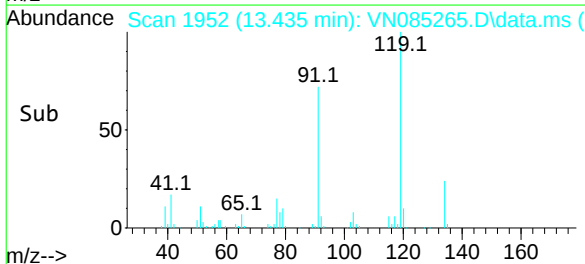
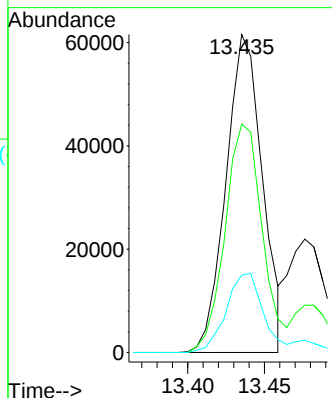
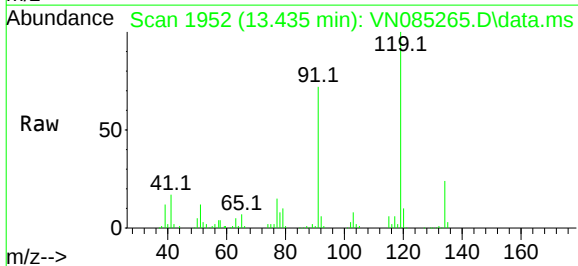
#79
tert-butylbenzene
Concen: 18.553 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion:119 Resp: 101675
Ion Ratio Lower Upper
119 100
91 73.8 0.0 139.2
134 25.1 0.0 48.0

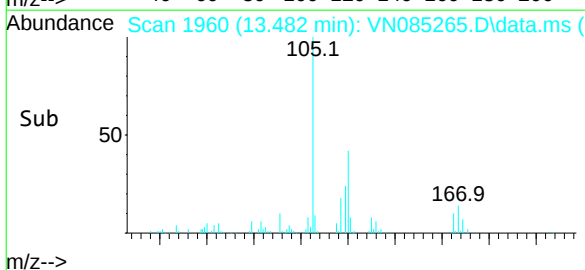
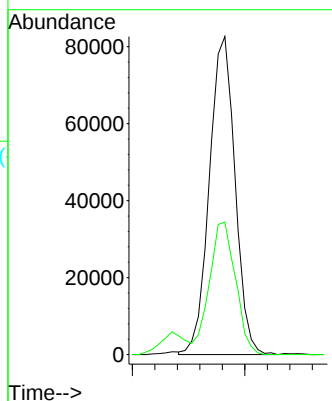
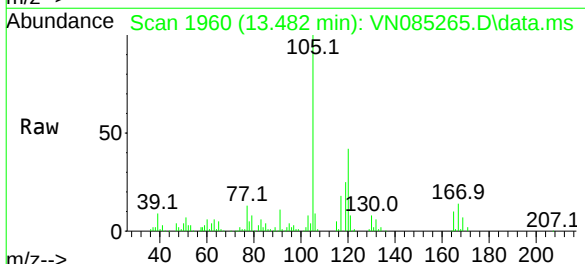
Manual Integrations
APPROVED

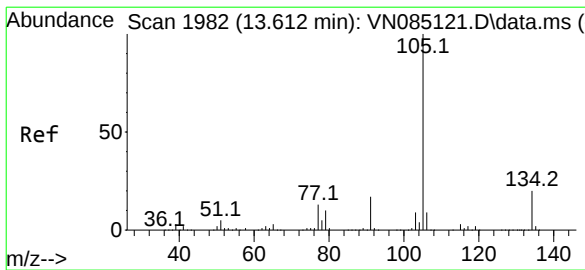
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.884 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Tgt Ion:105 Resp: 131046
Ion Ratio Lower Upper
105 100
120 42.4 0.0 87.4





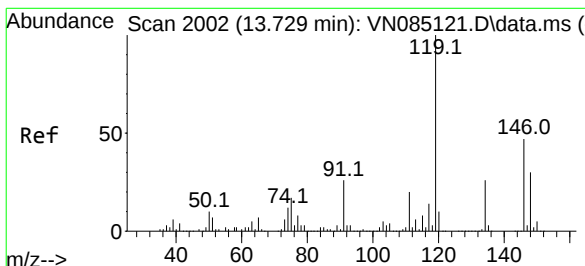
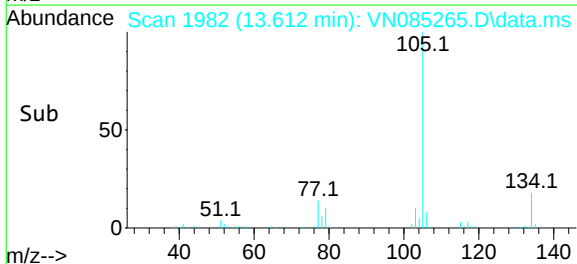
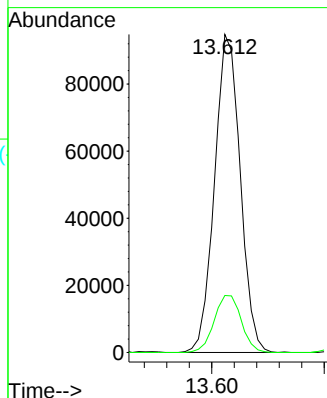
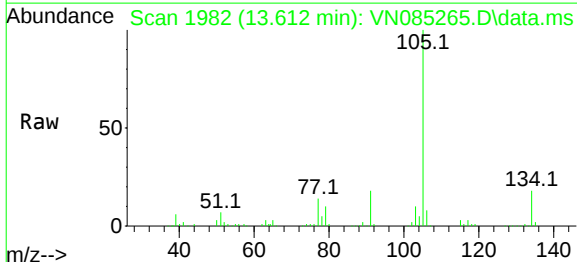
#81
sec-Butylbenzene
Concen: 19.321 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion:105 Resp: 150429
Ion Ratio Lower Upper
105 100
134 18.9 0.0 38.0

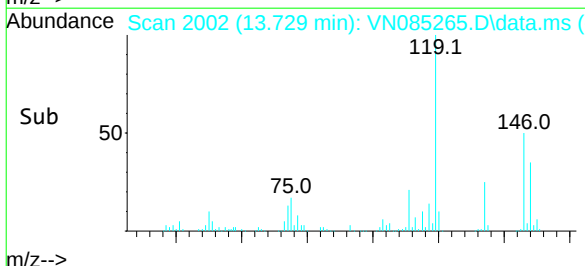
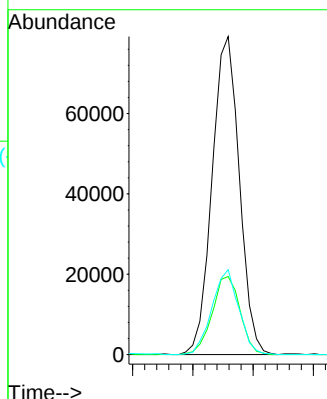
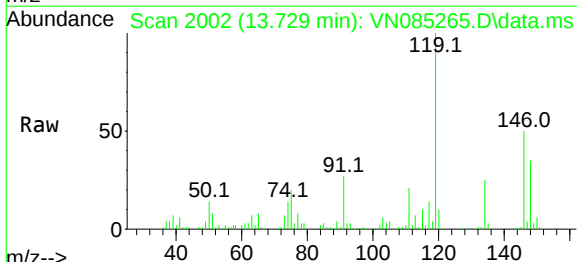
Manual Integrations
APPROVED

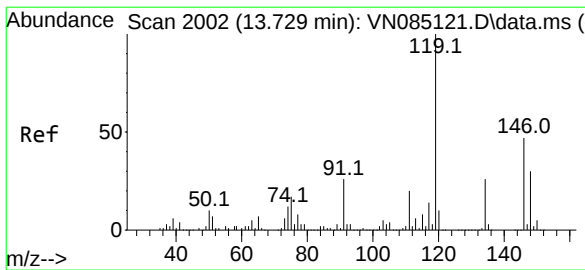
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#82
p-Isopropyltoluene
Concen: 19.277 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

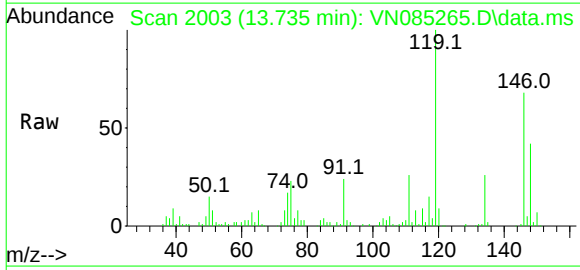
Tgt Ion:119 Resp: 124425
Ion Ratio Lower Upper
119 100
134 25.1 0.0 51.6
91 26.3 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 19.869 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

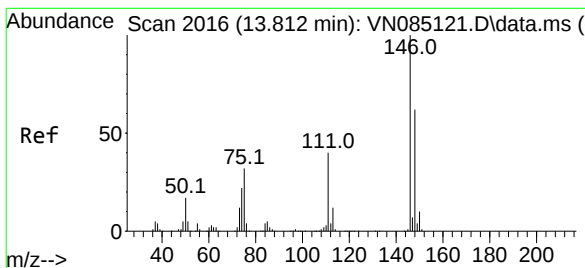
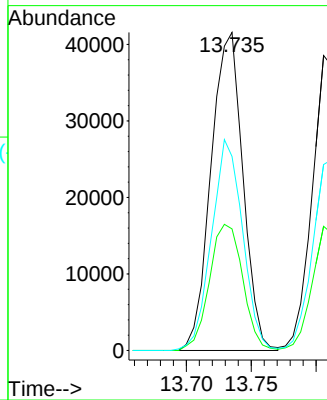
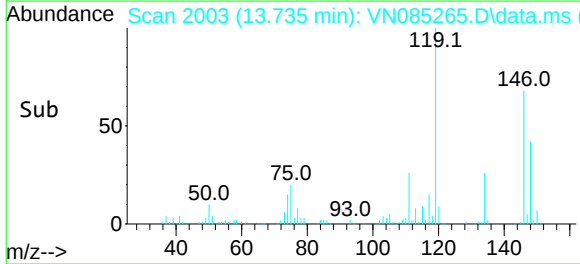
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



Tgt Ion:146 Resp: 71108
Ion Ratio Lower Upper
146 100
111 41.5 21.1 63.3
148 64.8 31.8 95.3

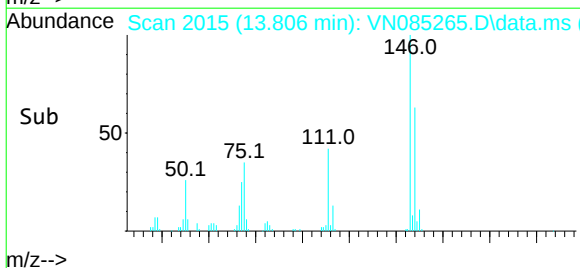
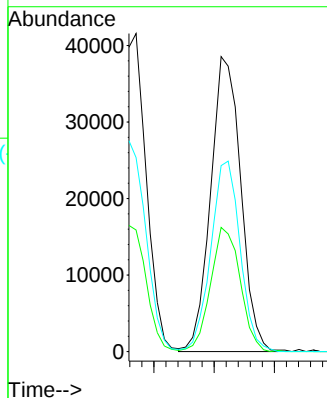
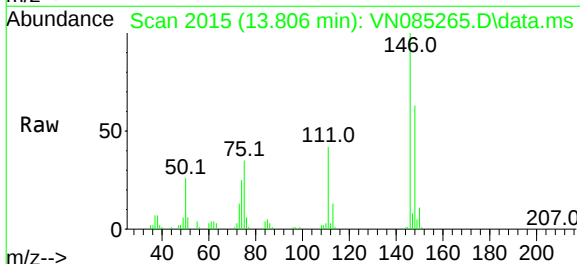
Manual Integrations
APPROVED

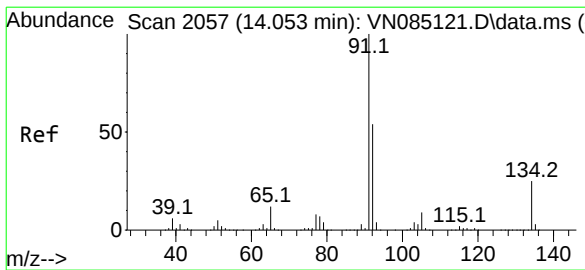
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#84
1,4-Dichlorobenzene
Concen: 19.235 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Tgt Ion:146 Resp: 67089
Ion Ratio Lower Upper
146 100
111 41.3 20.1 60.3
148 62.8 31.6 94.7





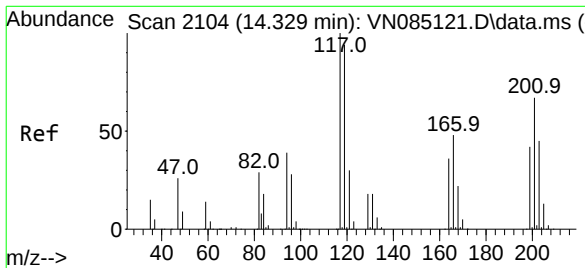
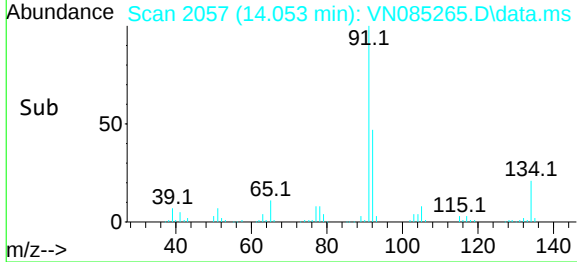
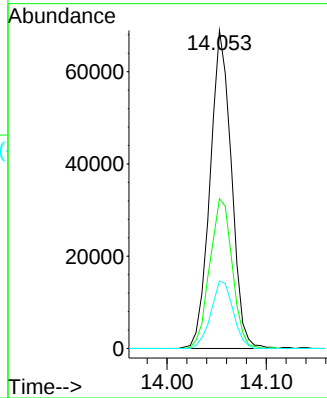
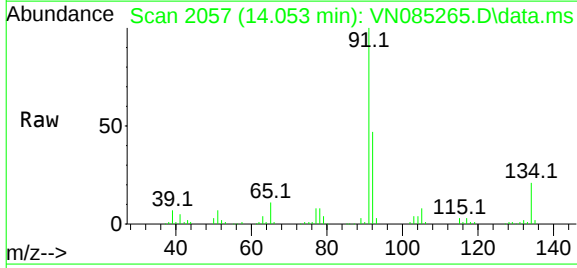
#85
n-Butylbenzene
Concen: 19.023 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion: 91 Resp: 102997
Ion Ratio Lower Upper
91 100
92 49.6 0.0 104.0
134 22.1 0.0 49.2

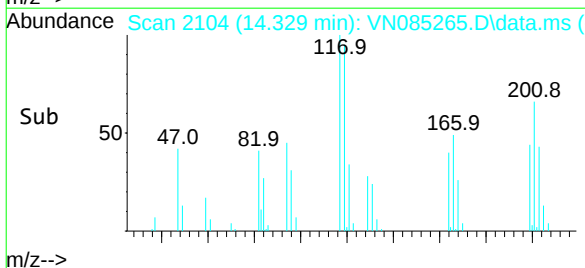
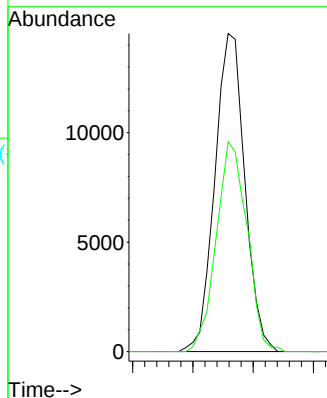
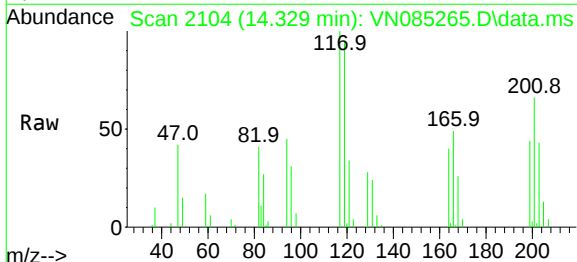
Manual Integrations
APPROVED

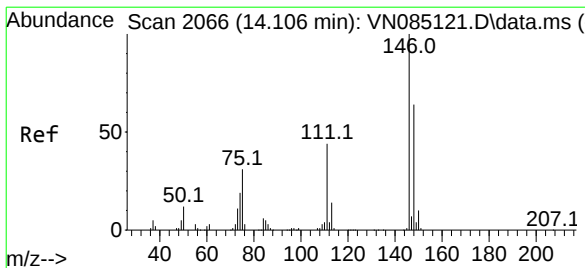
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#86
Hexachloroethane
Concen: 19.549 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Tgt Ion:117 Resp: 25120
Ion Ratio Lower Upper
117 100
201 67.9 34.1 102.3





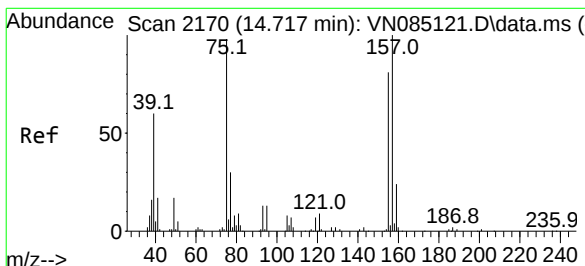
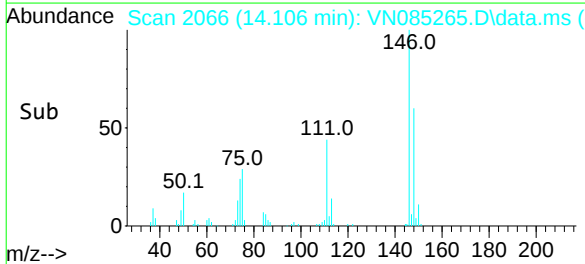
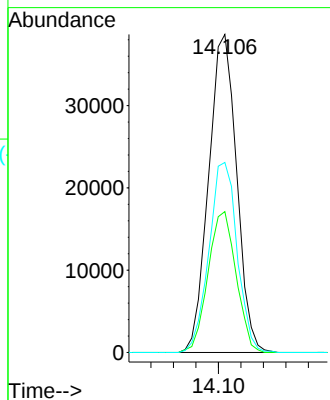
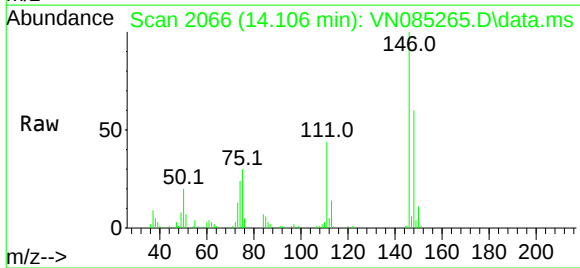
#87
1,2-Dichlorobenzene
Concen: 19.811 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.9	65.7
148	60.2	32.4	97.0

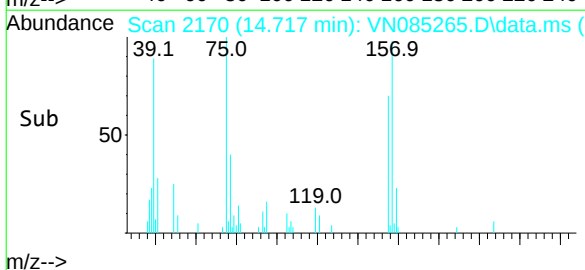
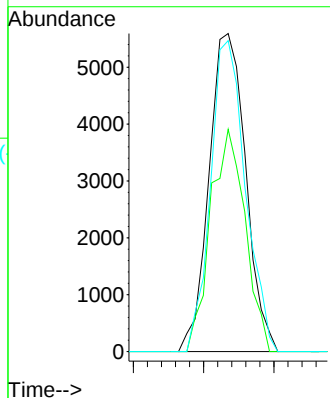
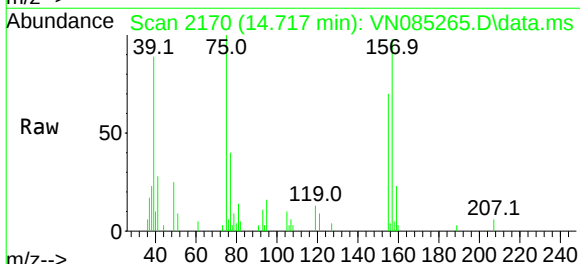
Manual Integrations
APPROVED

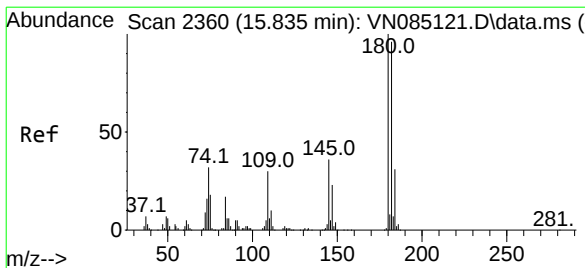
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 21.426 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	65.9	62.1	93.1
157	93.0	79.3	118.9





#89

1,2,4-Trichlorobenzene

Concen: 18.675 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085265.D

Acq: 19 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBS01

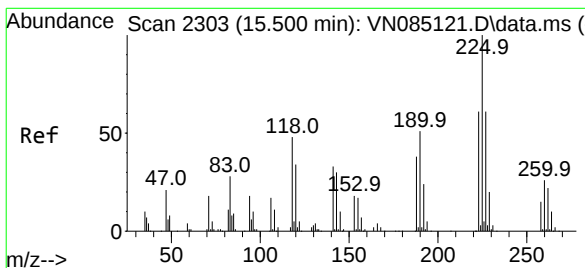
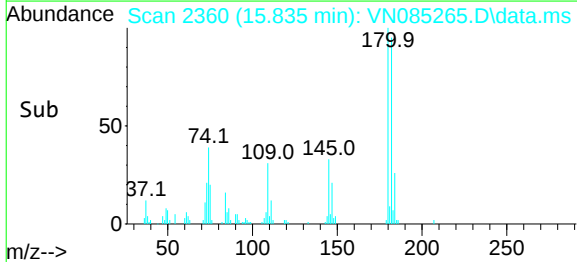
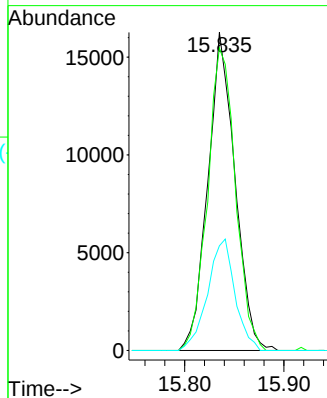
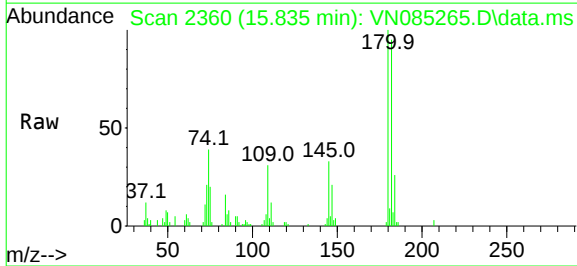
Tgt Ion:	180	Resp:	30896
Ion Ratio	Lower	Upper	
180	100		
182	98.0	74.0	111.0
145	35.3	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#90

Hexachlorobutadiene

Concen: 18.000 ug/l

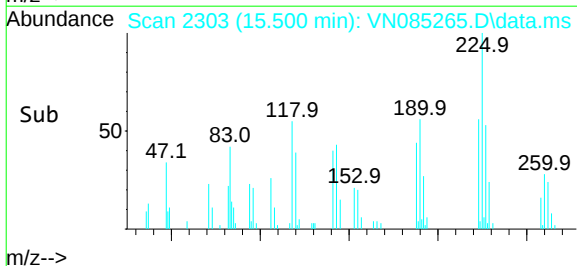
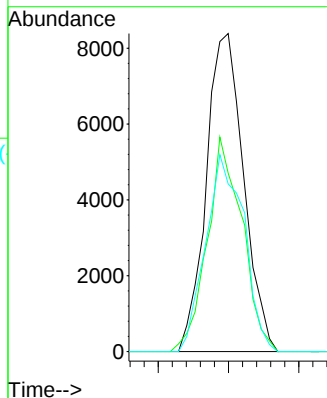
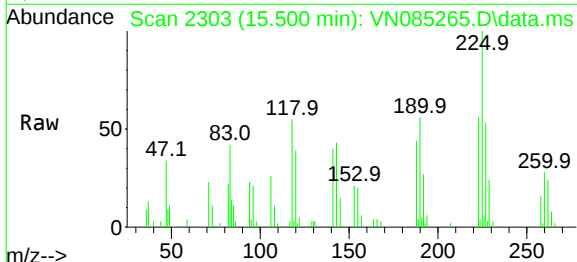
RT: 15.500 min Scan# 2303

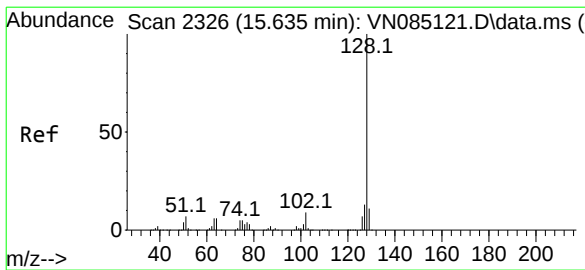
Delta R.T. 0.000 min

Lab File: VN085265.D

Acq: 19 Dec 2024 14:50

Tgt Ion:	225	Resp:	15474
Ion Ratio	Lower	Upper	
225	100		
223	62.9	0.0	121.8
227	63.4	0.0	126.8





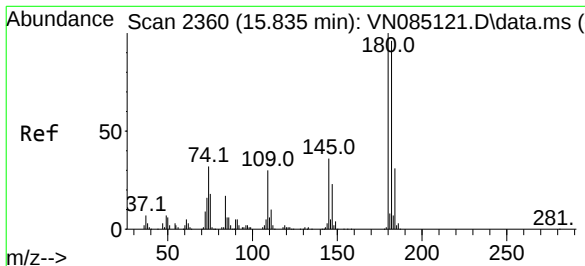
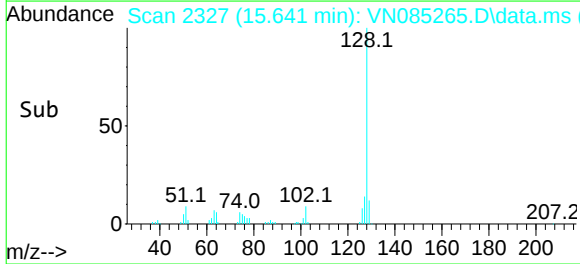
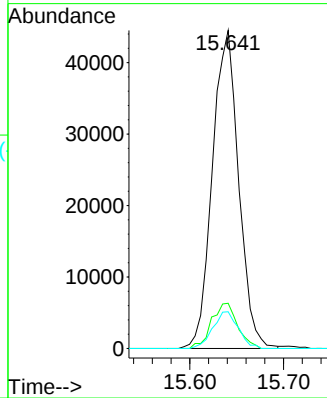
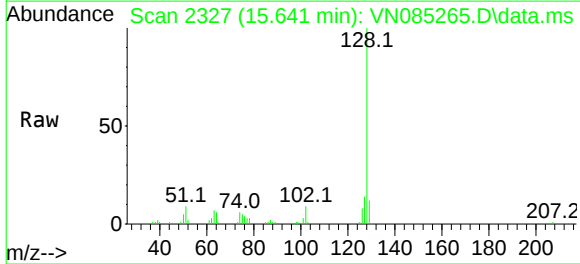
#91
Naphthalene
Concen: 16.859 ug/l
RT: 15.641 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion:	128	Resp:	86651
Ion	Ratio	Lower	Upper
128	100		
127	14.1	11.0	16.4
129	11.2	8.7	13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#92
1,2,3-Trichlorobenzene
Concen: 18.675 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085265.D
Acq: 19 Dec 2024 14:50

Tgt Ion:	180	Resp:	30896
Ion	Ratio	Lower	Upper
180	100		
182	98.0	0.0	185.0
145	35.3	0.0	71.6

