

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085302.D
 Acq On : 23 Dec 2024 18:24
 Operator : JC\MD
 Sample : VN1223WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/26/2024
 Supervised By : Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 04:15:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	146303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	258425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	217793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	95165	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109345	42.760	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.520%
35) Dibromofluoromethane	8.159	113	83141	45.761	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.520%
50) Toluene-d8	10.559	98	318974	48.034	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.060%
62) 4-Bromofluorobenzene	12.847	95	101784	42.913	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	85.820%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	37827	16.230	ug/l	94
3) Chloromethane	2.359	50	38065	17.134	ug/l	95
4) Vinyl Chloride	2.512	62	43774	21.030	ug/l	98
5) Bromomethane	2.965	94	26383	19.322	ug/l	98
6) Chloroethane	3.124	64	26998	20.646	ug/l	97
7) Trichlorofluoromethane	3.500	101	57655	17.153	ug/l	99
8) Diethyl Ether	3.959	74	19579	18.545	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.377	101	31959	17.728	ug/l	98
10) Methyl Iodide	4.589	142	37593	18.289	ug/l #	88
11) Tert butyl alcohol	5.512	59	23070	64.947	ug/l	98
12) 1,1-Dichloroethene	4.342	96	30602	18.326	ug/l	86
13) Acrolein	4.177	56	49789	121.715	ug/l	96
14) Allyl chloride	5.024	41	47828	16.538	ug/l	97
15) Acrylonitrile	5.712	53	72142	74.566	ug/l	97
16) Acetone	4.424	43	60966	69.069	ug/l	100
17) Carbon Disulfide	4.718	76	87042	15.274	ug/l	99
18) Methyl Acetate	5.018	43	38570	15.435	ug/l	93
19) Methyl tert-butyl Ether	5.789	73	101567	17.745	ug/l	99
20) Methylene Chloride	5.277	84	33979	17.598	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	31692	17.214	ug/l	86
22) Diisopropyl ether	6.665	45	106648	17.287	ug/l #	96
23) Vinyl Acetate	6.600	43	381713	80.072	ug/l	97
24) 1,1-Dichloroethane	6.571	63	61656	17.253	ug/l	98
25) 2-Butanone	7.477	43	97280	71.967	ug/l	100
26) 2,2-Dichloropropane	7.483	77	55248	16.695	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	38310	17.872	ug/l	94
28) Bromochloromethane	7.812	49	33479	18.576	ug/l	96
29) Tetrahydrofuran	7.835	42	64199	73.677	ug/l	95
30) Chloroform	7.959	83	61891	16.217	ug/l	98
31) Cyclohexane	8.253	56	56364	17.037	ug/l #	90
32) 1,1,1-Trichloroethane	8.165	97	55653	16.361	ug/l	95
36) 1,1-Dichloropropene	8.371	75	45054	17.809	ug/l	98
37) Ethyl Acetate	7.553	43	43925	15.050	ug/l	98
38) Carbon Tetrachloride	8.359	117	47975	15.684	ug/l	96
39) Methylcyclohexane	9.600	83	50061	19.016	ug/l	88
40) Benzene	8.600	78	135415	17.206	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	23266	15.642	ug/l	98
42) 1,2-Dichloroethane	8.665	62	48570	16.202	ug/l	99
43) Isopropyl Acetate	8.682	43	72730	13.626	ug/l	95
44) Trichloroethene	9.347	130	31205	17.809	ug/l	93
45) 1,2-Dichloropropane	9.618	63	32901	16.884	ug/l	100
46) Dibromomethane	9.700	93	23545	16.925	ug/l	96
47) Bromodichloromethane	9.882	83	48746	16.355	ug/l	99
48) Methyl methacrylate	9.677	41	32988	15.077	ug/l	96
49) 1,4-Dioxane	9.688	88	9822	284.721	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	209032	74.535	ug/l	98
52) Toluene	10.624	92	83610	17.668	ug/l	97
53) t-1,3-Dichloropropene	10.829	75	49501	17.039	ug/l	95
54) cis-1,3-Dichloropropene	10.306	75	53310	17.259	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	30321	17.111	ug/l	95
56) Ethyl methacrylate	10.871	69	47226	15.627	ug/l	97
57) 1,3-Dichloropropane	11.159	76	52689	16.894	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	122531	87.427	ug/l	99
59) 2-Hexanone	11.194	43	147125	73.595	ug/l	97
60) Dibromochloromethane	11.353	129	34933	16.634	ug/l	98
61) 1,2-Dibromoethane	11.465	107	30261	16.580	ug/l	98
64) Tetrachloroethene	11.100	164	28337	19.335	ug/l	97
65) Chlorobenzene	11.888	112	90164	18.417	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	30317	17.750	ug/l	99
67) Ethyl Benzene	11.959	91	159759	19.039	ug/l	98
68) m/p-Xylenes	12.065	106	119468	38.066	ug/l	96
69) o-Xylene	12.394	106	56329	19.095	ug/l	98
70) Styrene	12.406	104	92529	18.789	ug/l	98
71) Bromoform	12.576	173	21774	16.263	ug/l #	97
73) Isopropylbenzene	12.688	105	147269	21.452	ug/l	98
74) N-amyl acetate	12.488	43	62445	18.212	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	40584	16.592	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	36622m	16.144	ug/l	
77) Bromobenzene	12.976	156	32370	17.959	ug/l	98
78) n-propylbenzene	13.029	91	165997	19.716	ug/l	99
79) 2-Chlorotoluene	13.123	91	103005	19.269	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	118173	20.638	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	14677	17.180	ug/l	92
82) 4-Chlorotoluene	13.217	91	100187	18.521	ug/l	99
83) tert-Butylbenzene	13.435	119	102580	21.124	ug/l	95
84) 1,2,4-Trimethylbenzene	13.476	105	118825	20.301	ug/l	100
85) sec-Butylbenzene	13.612	105	140382	20.736	ug/l	100
86) p-Isopropyltoluene	13.723	119	117179	19.138	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	58601	17.654	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	57557	16.758	ug/l	97
89) n-Butylbenzene	14.053	91	101972	20.481	ug/l	98
90) Hexachloroethane	14.329	117	20850	16.765	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	56225	18.212	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.712	75	7630	16.266	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	28282	17.896	ug/l	99
94) Hexachlorobutadiene	15.500	225	12133	14.772	ug/l	93
95) Naphthalene	15.635	128	297260	56.799	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	26011	16.478	ug/l	95

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MSVOA_N
ClientSampleId :
VN1223WBSD02

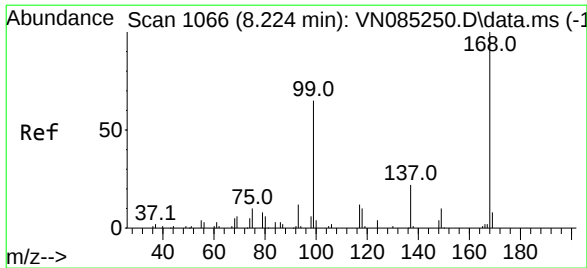
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 04:15:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

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

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



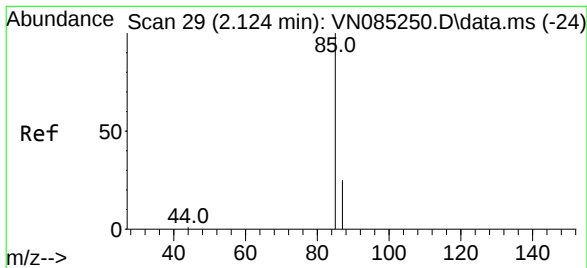
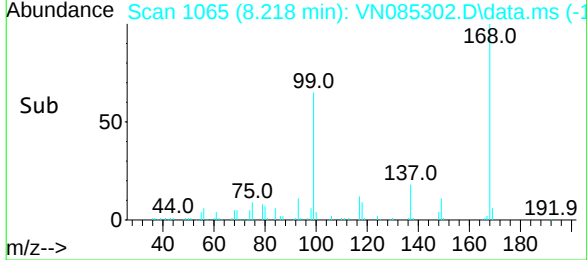
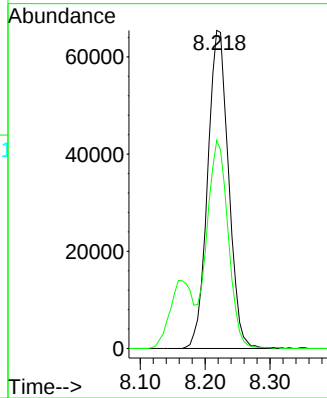
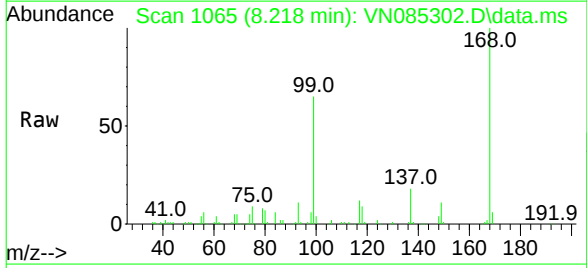
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02

Tgt Ion:168 Resp: 146303
Ion Ratio Lower Upper
168 100
99 65.1 50.7 76.1

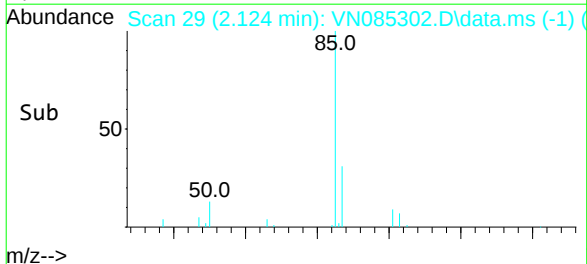
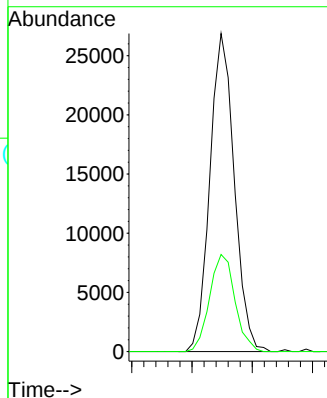
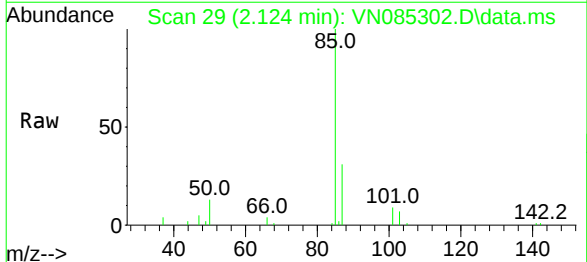
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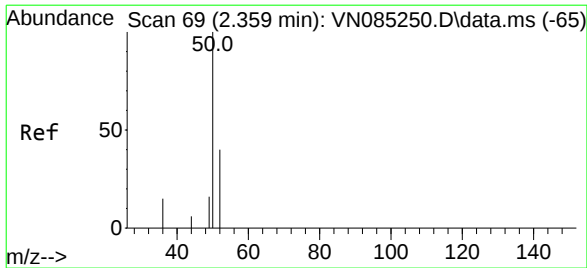
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#2
Dichlorodifluoromethane
Concen: 16.230 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

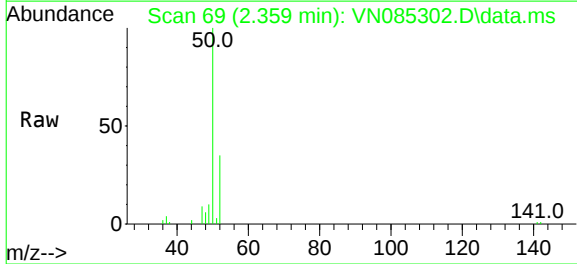
Tgt Ion: 85 Resp: 37827
Ion Ratio Lower Upper
85 100
87 30.5 17.1 51.3





#3
Chloromethane
Concen: 17.134 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

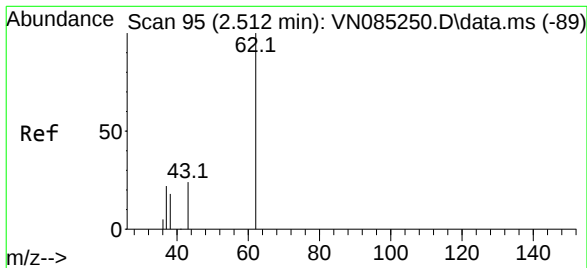
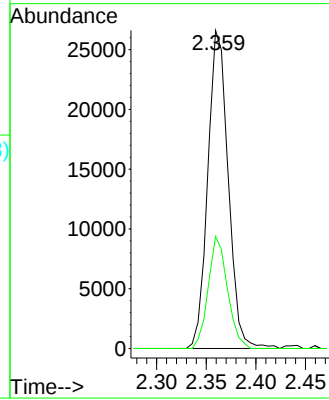
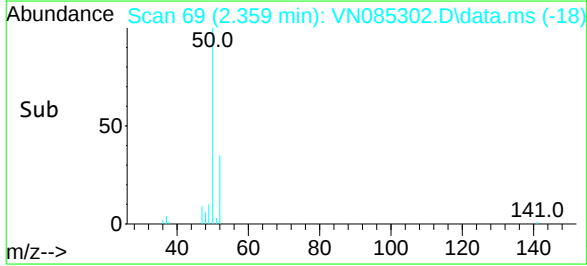
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02



Tgt Ion: 50 Resp: 38065
Ion Ratio Lower Upper
50 100
52 35.2 26.2 39.2

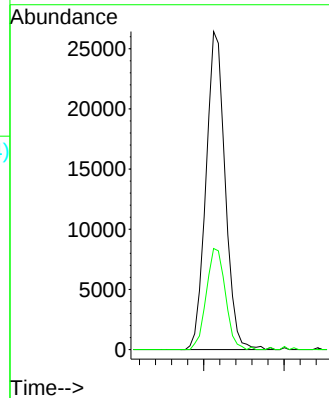
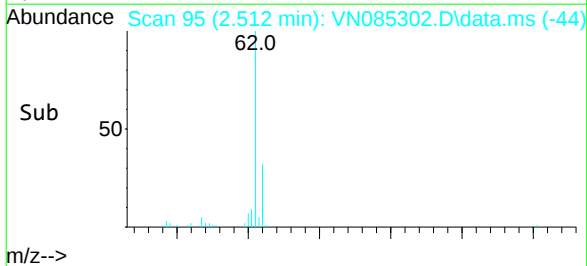
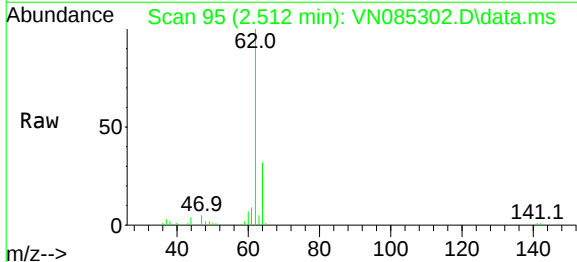
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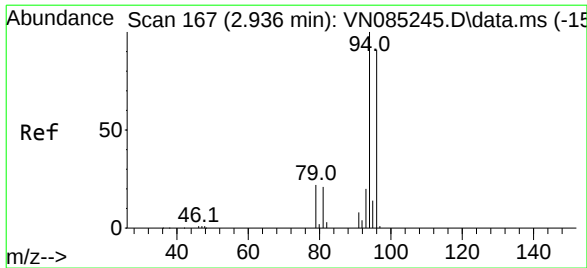
Reviewed By :John Carlone 12/26/2024
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#4
Vinyl Chloride
Concen: 21.030 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

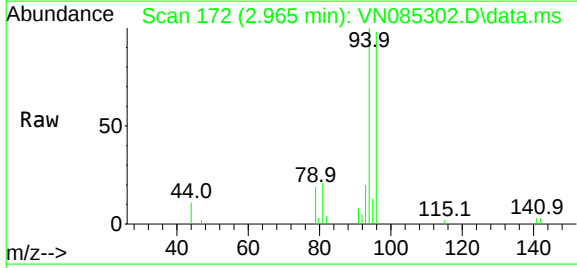
Tgt Ion: 62 Resp: 43774
Ion Ratio Lower Upper
62 100
64 31.8 24.5 36.7





#5
Bromomethane
Concen: 19.322 ug/l
RT: 2.965 min Scan# 171
Delta R.T. 0.018 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

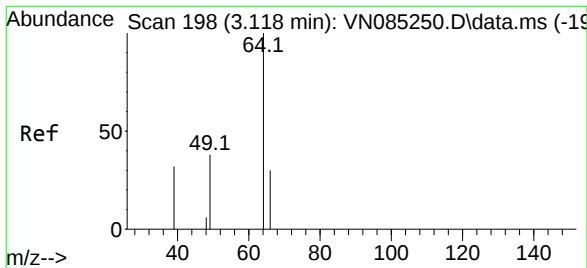
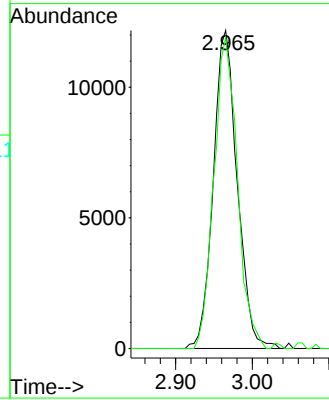
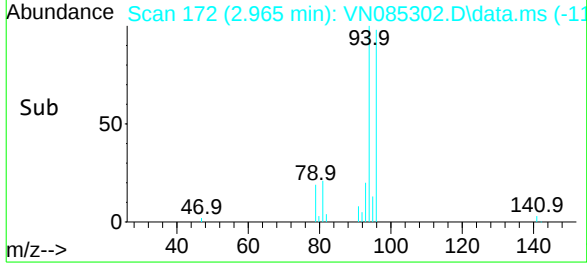
Instrument :
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Tgt Ion: 94 Resp: 26383
Ion Ratio Lower Upper
94 100
96 97.7 76.8 115.2

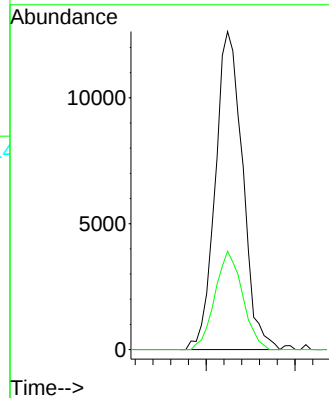
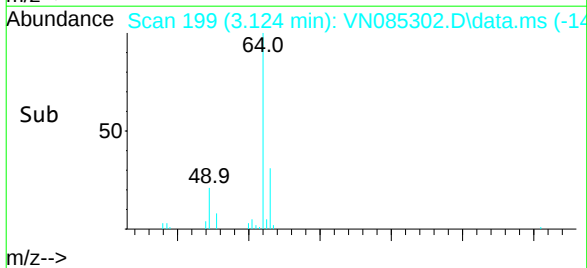
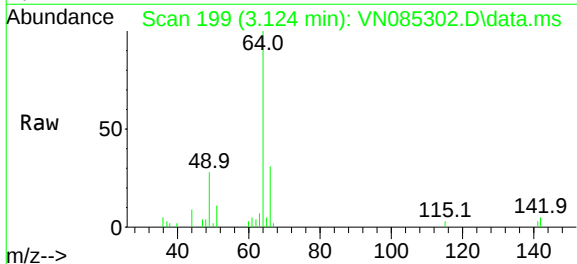
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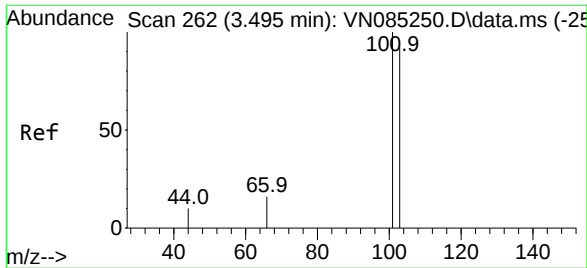
Reviewed By :John Carlone 12/26/2024
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#6
Chloroethane
Concen: 20.646 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

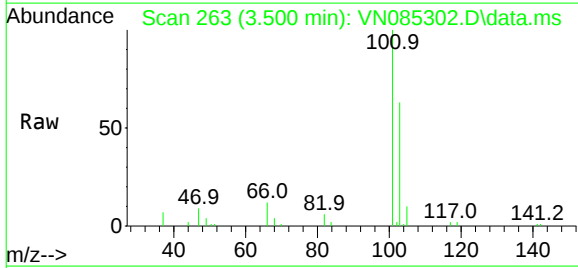
Tgt Ion: 64 Resp: 26998
Ion Ratio Lower Upper
64 100
66 30.9 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 17.153 ug/l
 RT: 3.500 min Scan# 262
 Delta R.T. 0.006 min
 Lab File: VN085302.D
 Acq: 23 Dec 2024 18:24

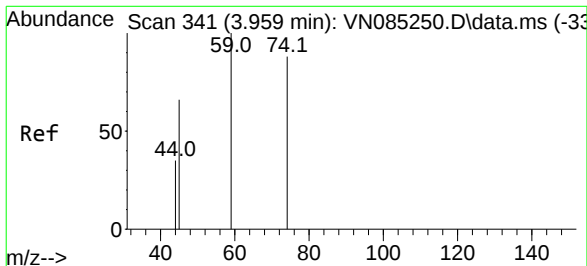
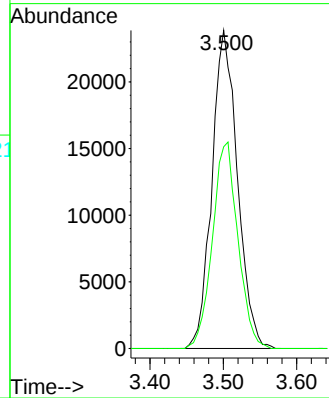
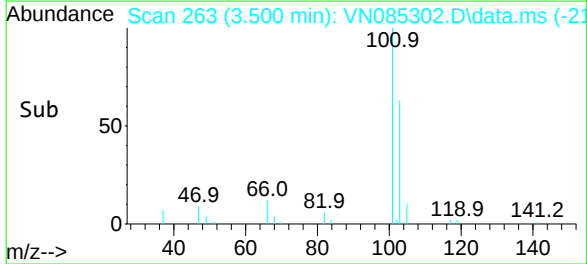
Instrument :
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Tgt Ion: 101 Resp: 57655
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.2 75.4

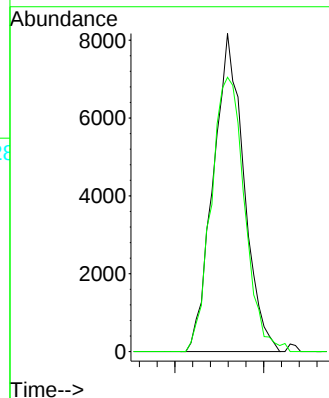
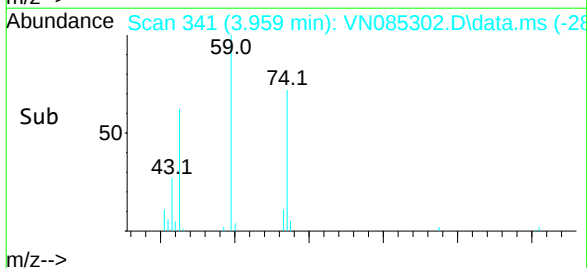
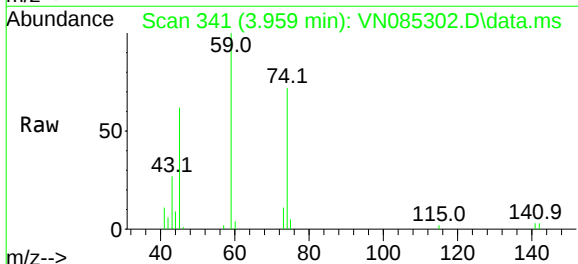
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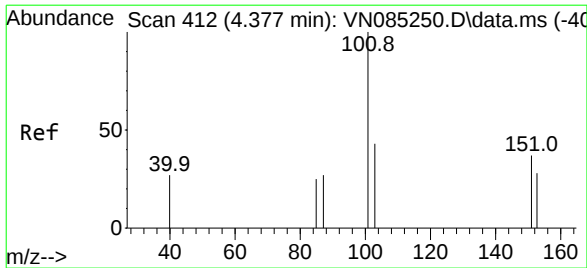
Reviewed By : John Carlone 12/26/2024
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#8
 Diethyl Ether
 Concen: 18.545 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN085302.D
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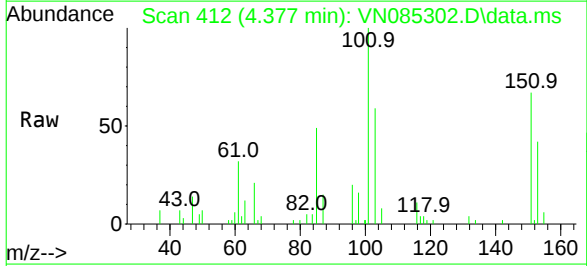
Tgt Ion: 74 Resp: 19579
 Ion Ratio Lower Upper
 74 100
 45 94.2 50.0 150.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.728 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.012 min
Lab File: VN085302.D
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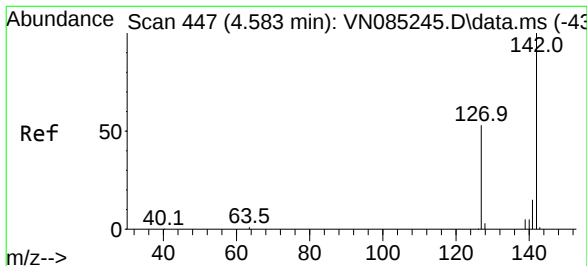
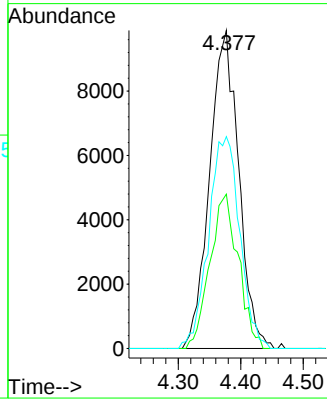
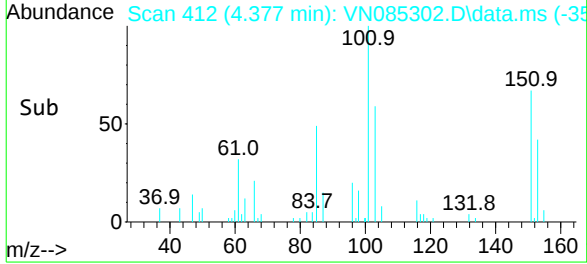
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02



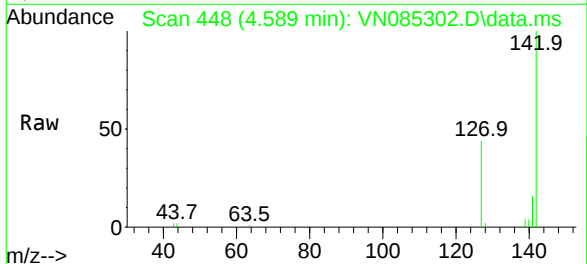
Tgt Ion:101 Resp: 31959
Ion Ratio Lower Upper
101 100
85 47.5 39.0 58.4
151 71.4 58.6 87.8

Manual Integrations
APPROVED

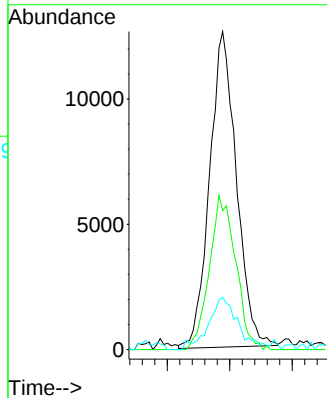
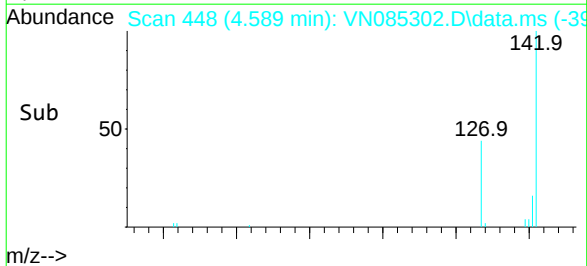
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

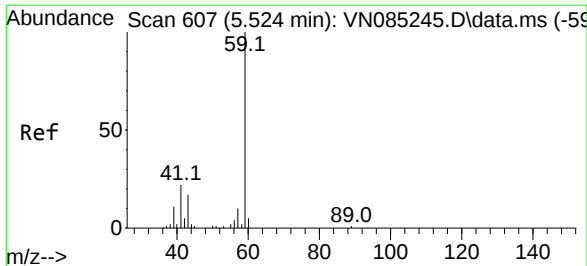


#10
Methyl Iodide
Concen: 18.289 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24



Tgt Ion:142 Resp: 37593
Ion Ratio Lower Upper
142 100
127 44.3 42.5 63.7
141 16.7 10.2 15.4#





#11

Tert butyl alcohol

Concen: 64.947 ug/l

RT: 5.512 min Scan# 607

Delta R.T. -0.006 min

Lab File: VN085302.D

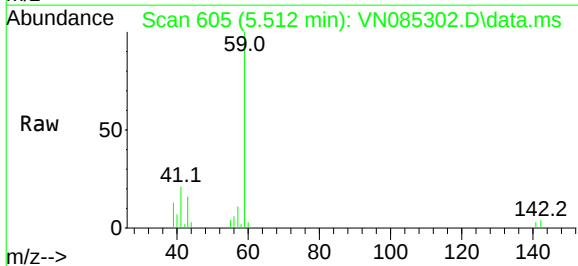
Acq: 23 Dec 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD02



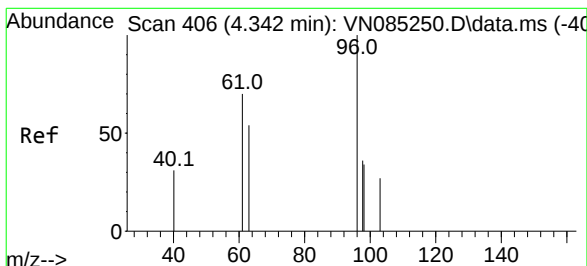
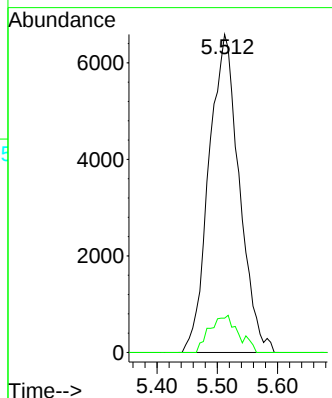
Tgt Ion:	59	Resp:	23070
Ion Ratio	100	Lower	Upper
59	100		
57	11.0	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#12

1,1-Dichloroethene

Concen: 18.326 ug/l

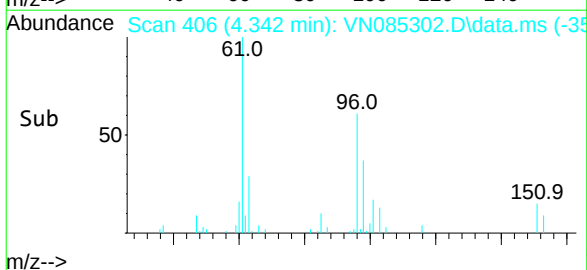
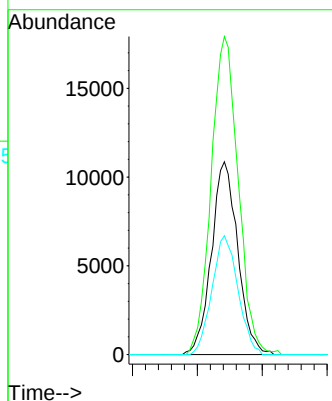
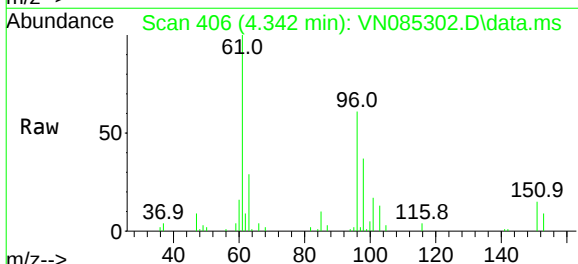
RT: 4.342 min Scan# 406

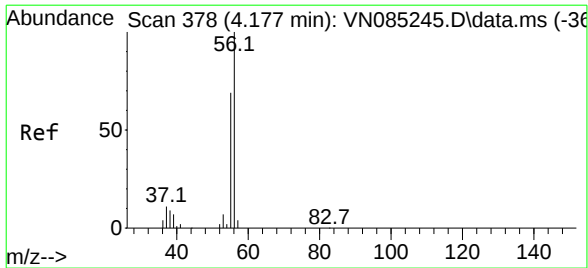
Delta R.T. 0.006 min

Lab File: VN085302.D

Acq: 23 Dec 2024 18:24

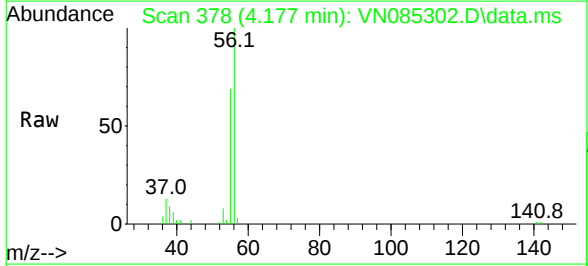
Tgt Ion:	96	Resp:	30602
Ion Ratio	100	Lower	Upper
96	100		
61	165.0	151.6	227.4
98	61.7	51.9	77.9





#13
Acrolein
Concen: 121.715 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

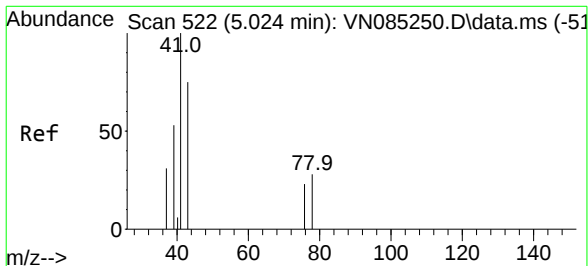
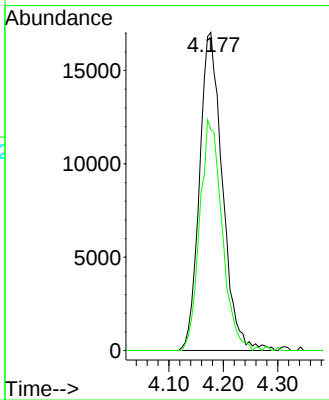
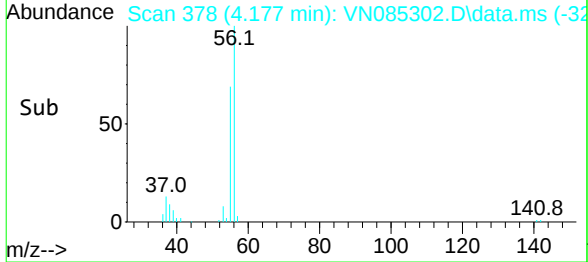
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02



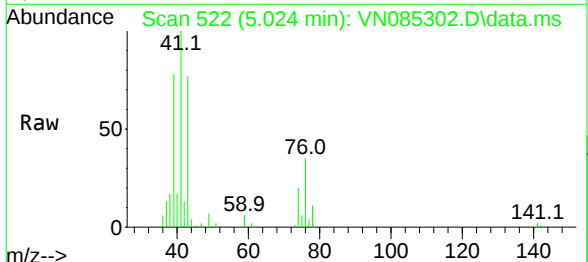
Tgt Ion: 56 Resp: 49789
Ion Ratio Lower Upper
56 100
55 70.6 59.0 88.6

Manual Integrations
APPROVED

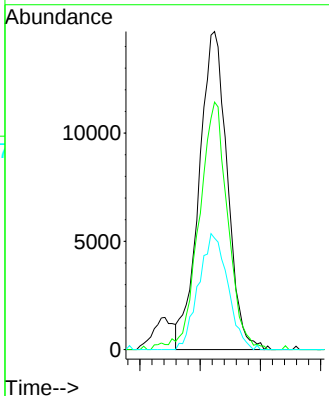
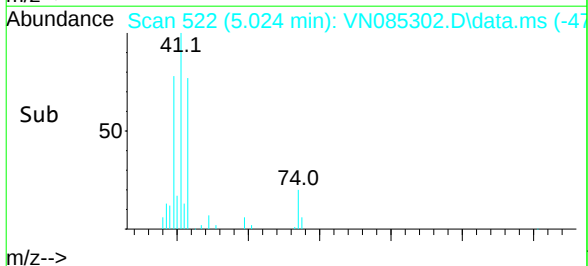
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

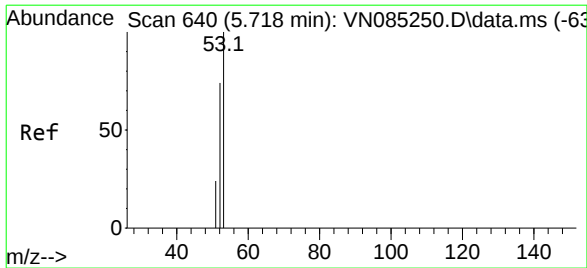


#14
Allyl chloride
Concen: 16.538 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24



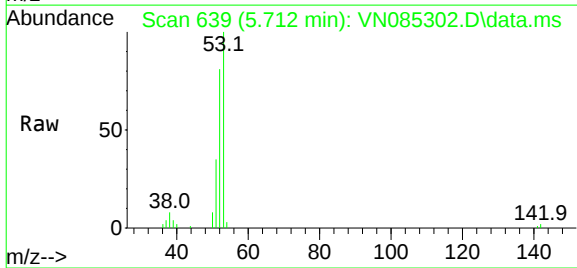
Tgt Ion: 41 Resp: 47828
Ion Ratio Lower Upper
41 100
39 79.3 66.7 100.1
76 37.4 29.4 44.2





#15
Acrylonitrile
Concen: 74.566 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

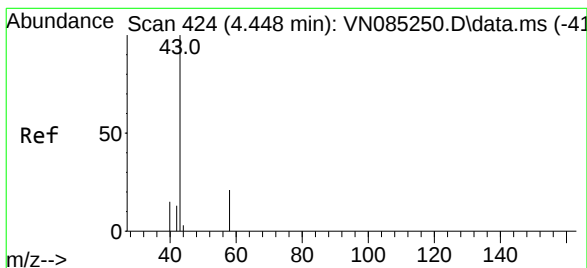
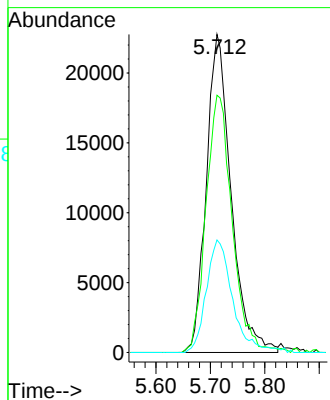
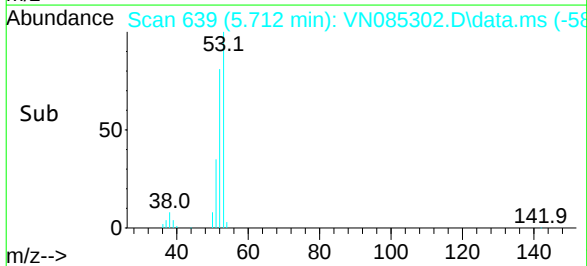
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02



Tgt Ion: 53 Resp: 72142
Ion Ratio Lower Upper
53 100
52 85.4 66.3 99.5
51 37.7 28.2 42.2

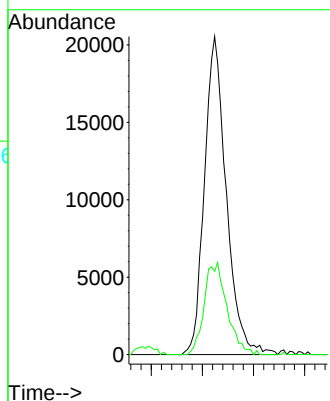
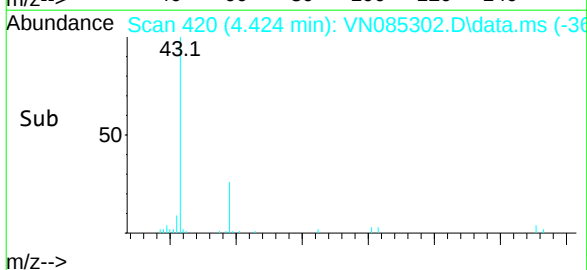
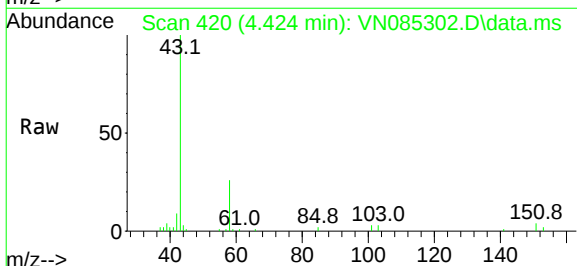
Manual Integrations
APPROVED

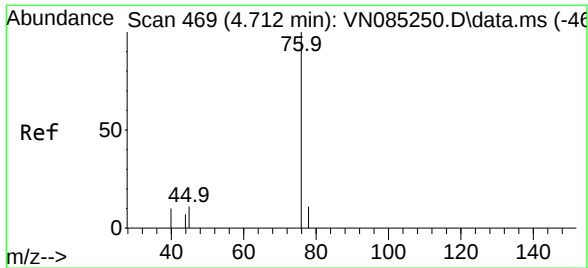
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#16
Acetone
Concen: 69.069 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

Tgt Ion: 43 Resp: 60966
Ion Ratio Lower Upper
43 100
58 26.2 20.8 31.2





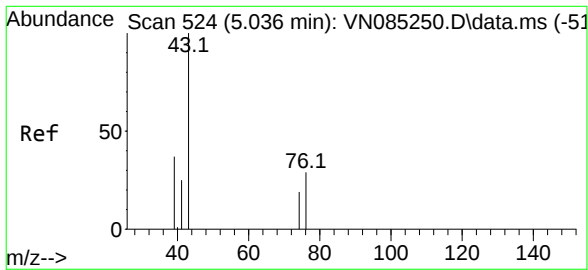
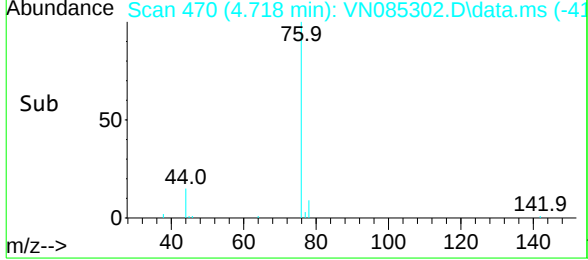
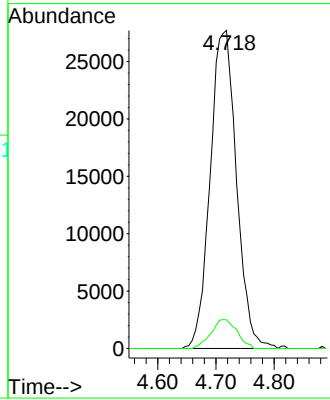
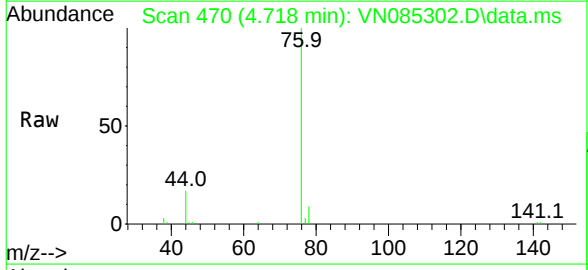
#17
Carbon Disulfide
Concen: 15.274 ug/l
RT: 4.718 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02

Tgt Ion: 76 Resp: 87042
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2

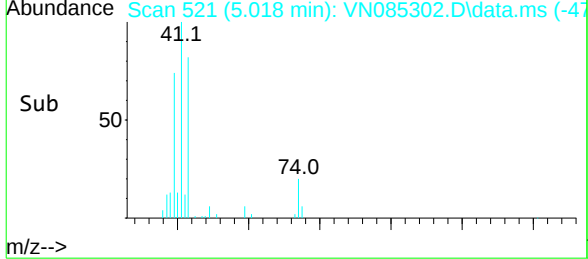
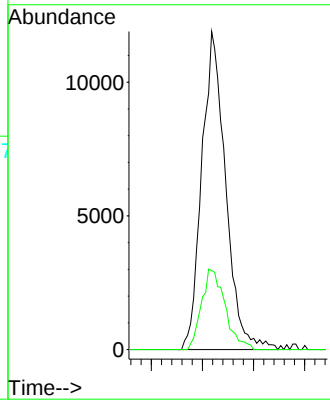
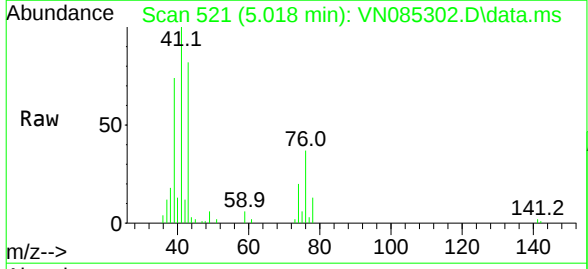
Manual Integrations
APPROVED

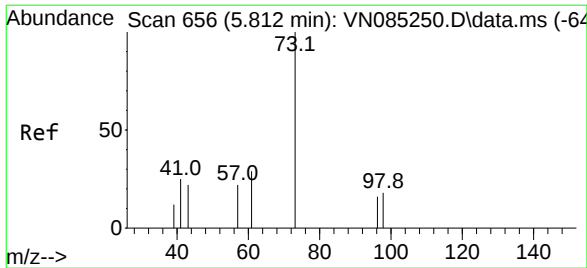
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#18
Methyl Acetate
Concen: 15.435 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

Tgt Ion: 43 Resp: 38570
Ion Ratio Lower Upper
43 100
74 25.0 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 17.745 ug/l

RT: 5.789 min Scan# 65

Delta R.T. -0.006 min

Lab File: VN085302.D

Acq: 23 Dec 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD02

Tgt Ion: 73 Resp: 101567

Ion Ratio Lower Upper

73 100

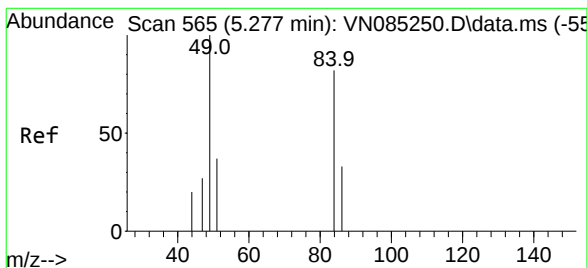
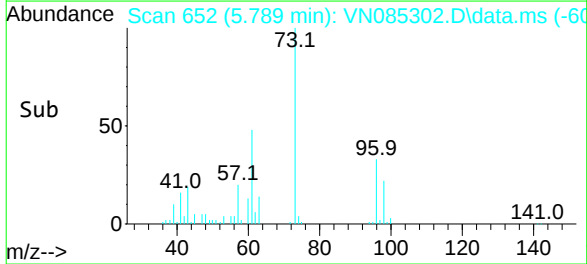
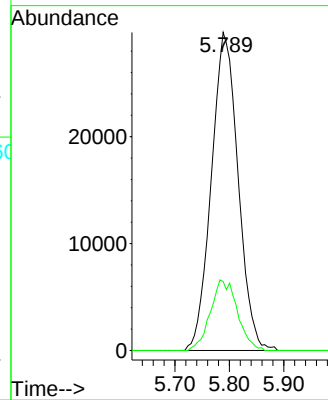
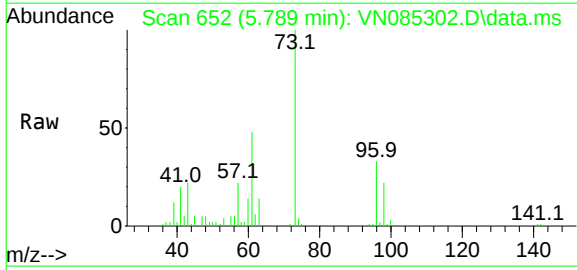
57 21.7 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#20

Methylene Chloride

Concen: 17.598 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.000 min

Lab File: VN085302.D

Acq: 23 Dec 2024 18:24

Tgt Ion: 84 Resp: 33979

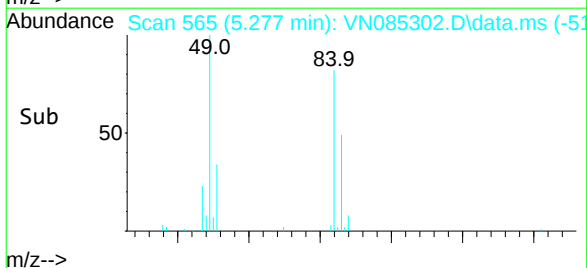
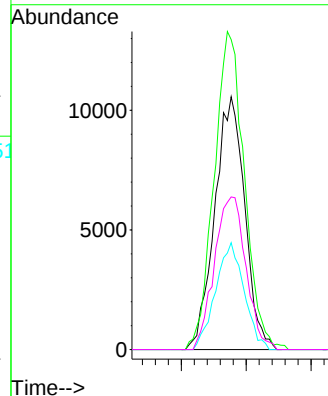
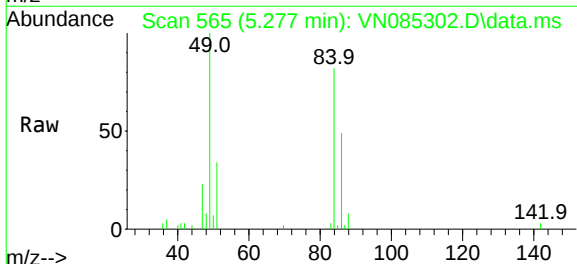
Ion Ratio Lower Upper

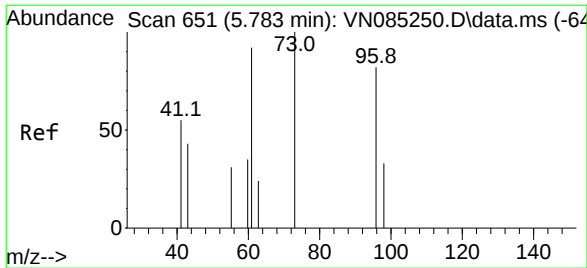
84 100

49 122.6 103.6 155.4

51 42.3 34.2 51.2

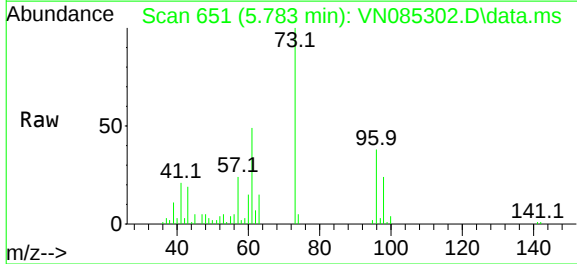
86 60.4 48.9 73.3





#21
trans-1,2-Dichloroethene
Concen: 17.214 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

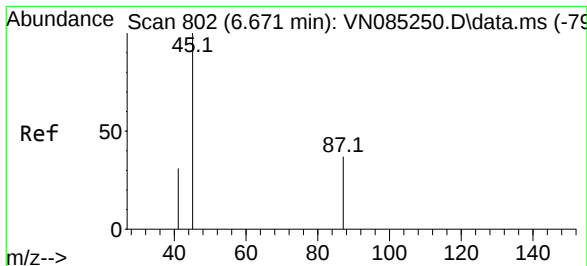
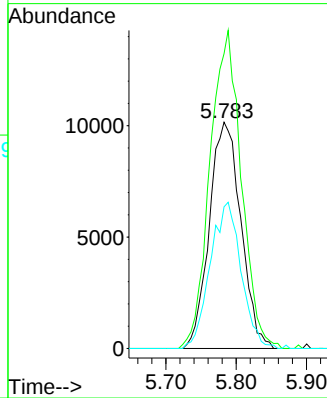
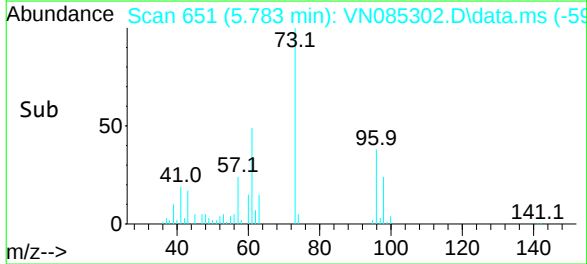
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02



Tgt Ion: 96 Resp: 31692
Ion Ratio Lower Upper
96 100
61 130.3 122.0 183.0
98 62.6 54.3 81.5

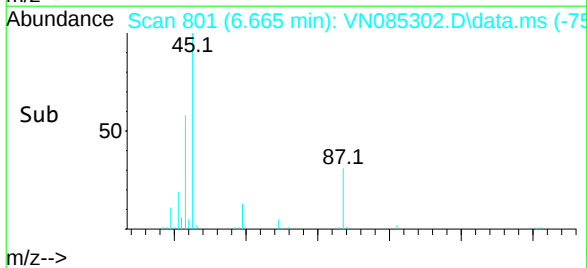
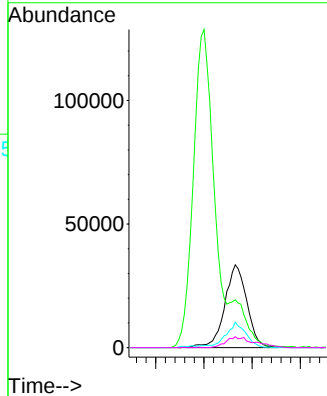
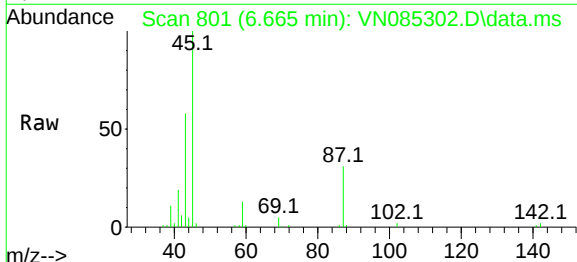
Manual Integrations
APPROVED

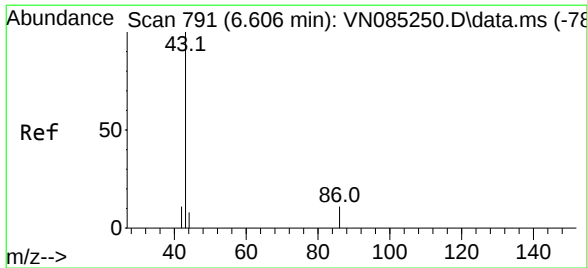
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#22
Diisopropyl ether
Concen: 17.287 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

Tgt Ion: 45 Resp: 106648
Ion Ratio Lower Upper
45 100
43 56.0 43.8 65.6
87 30.8 21.2 31.8
59 13.1 8.6 13.0#





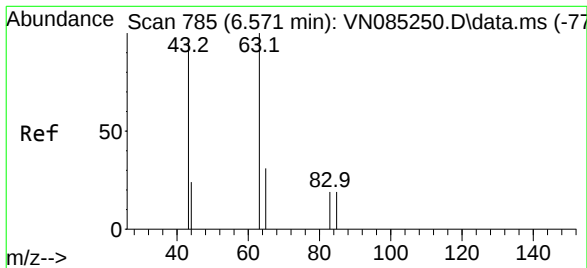
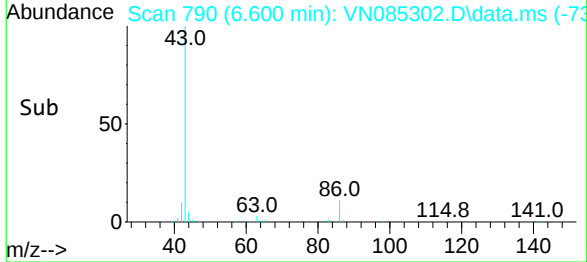
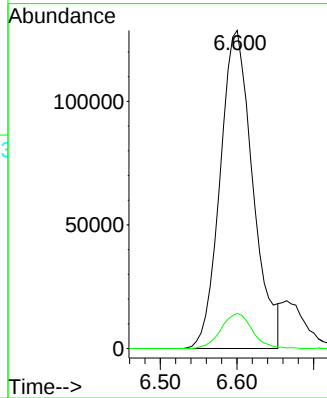
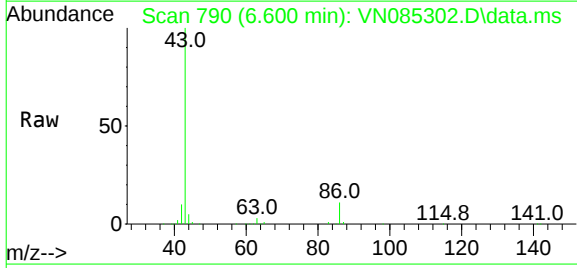
#23
 Vinyl Acetate
 Concen: 80.072 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: VN085302.D
 Acq: 23 Dec 2024 18:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBSD02

Tgt Ion: 43 Resp: 381713
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.8 11.8

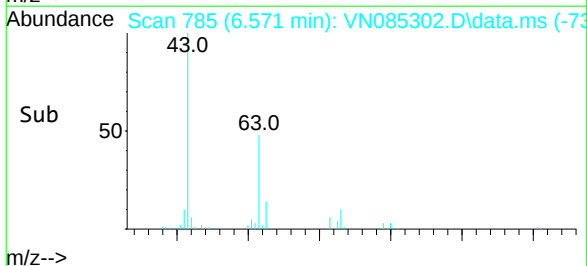
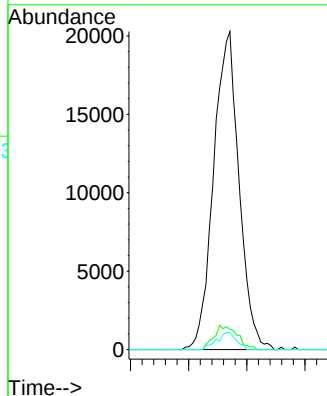
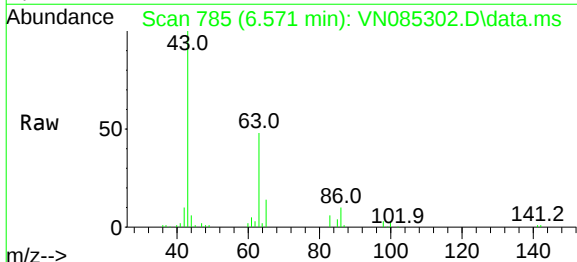
Manual Integrations
 APPROVED

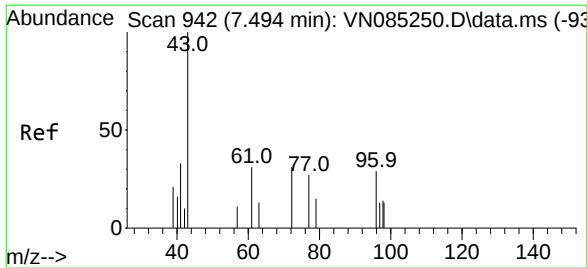
Reviewed By :John Carlone 12/26/2024
 Supervised By :Mahesh Dadoda 12/26/2024



#24
 1,1-Dichloroethane
 Concen: 17.253 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN085302.D
 Acq: 23 Dec 2024 18:24

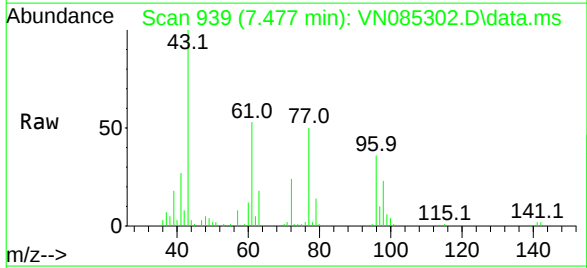
Tgt Ion: 63 Resp: 61656
 Ion Ratio Lower Upper
 63 100
 98 6.4 2.9 8.6
 100 5.3 2.1 6.5





#25
2-Butanone
Concen: 71.967 ug/l
RT: 7.477 min Scan# 93
Delta R.T. -0.006 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

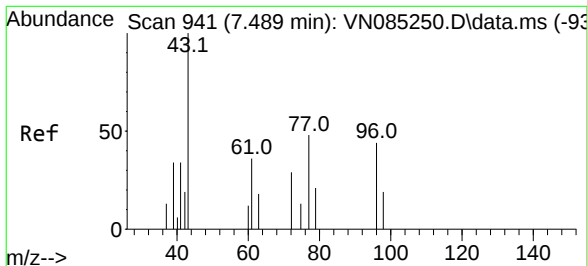
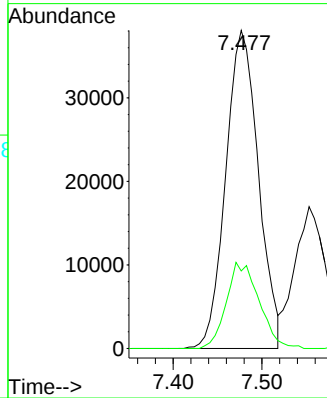
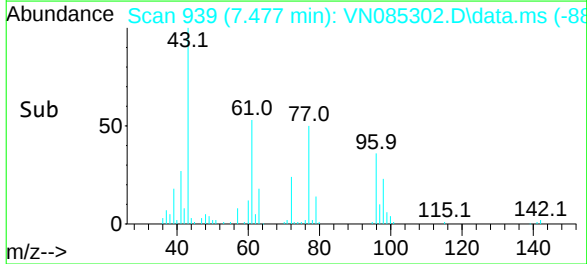
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02



Tgt Ion: 43 Resp: 97280
Ion Ratio Lower Upper
43 100
72 24.4 19.6 29.4

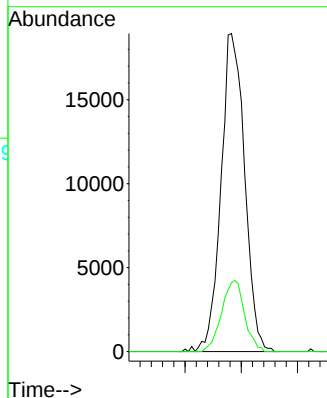
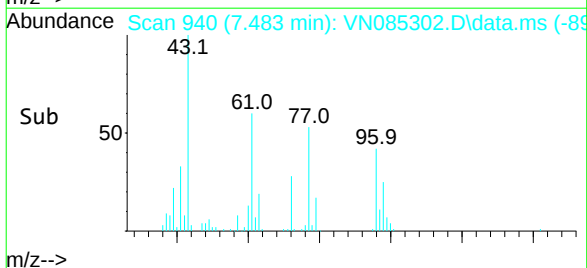
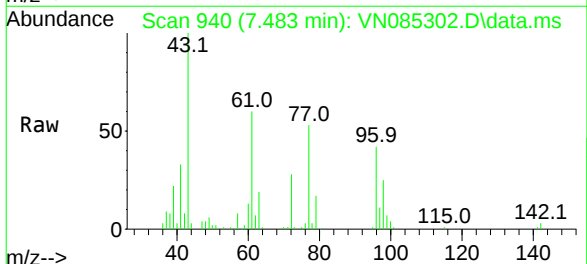
Manual Integrations
APPROVED

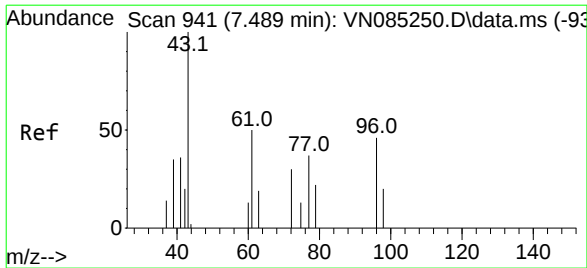
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#26
2,2-Dichloropropane
Concen: 16.695 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

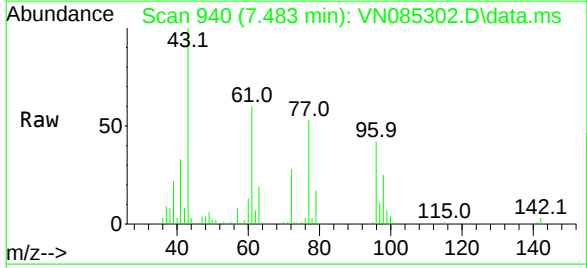
Tgt Ion: 77 Resp: 55248
Ion Ratio Lower Upper
77 100
97 21.7 10.5 31.6





#27
 cis-1,2-Dichloroethene
 Concen: 17.872 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN085302.D
 Acq: 23 Dec 2024 18:24

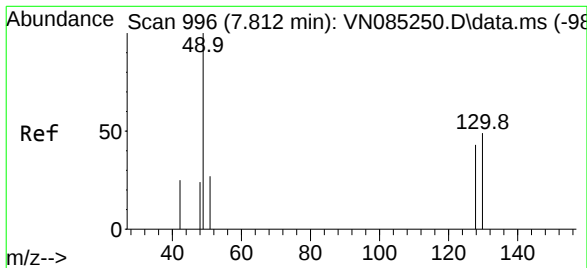
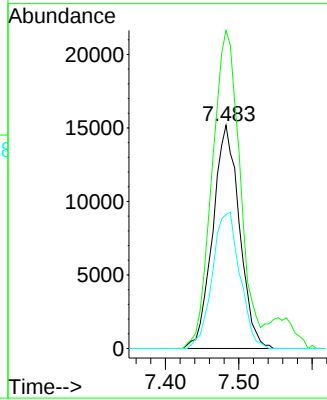
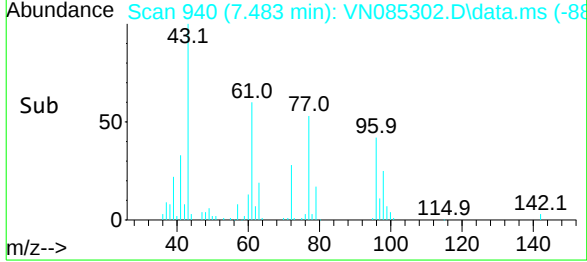
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBSD02



Tgt Ion: 96 Resp: 38310
 Ion Ratio Lower Upper
 96 100
 61 148.4 0.0 316.4
 98 63.2 0.0 125.4

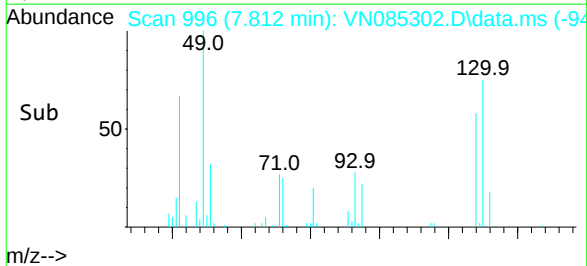
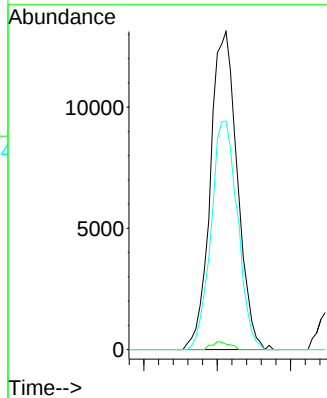
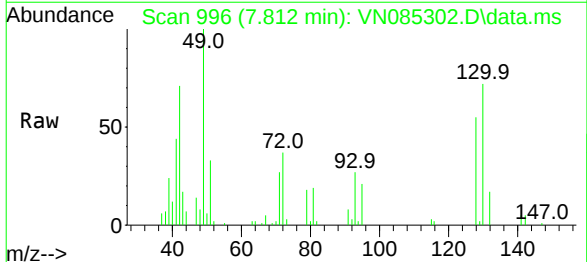
Manual Integrations
 APPROVED

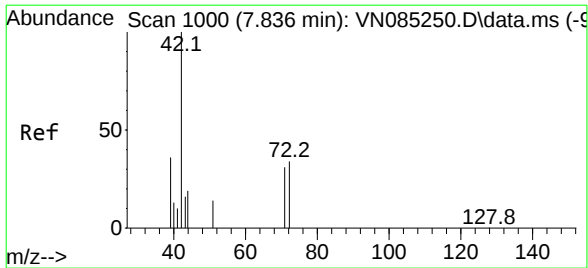
Reviewed By :John Carlone 12/26/2024
 Supervised By :Mahesh Dadoda 12/26/2024



#28
 Bromochloromethane
 Concen: 18.576 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN085302.D
 Acq: 23 Dec 2024 18:24

Tgt Ion: 49 Resp: 33479
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.4
 130 70.8 54.1 81.1





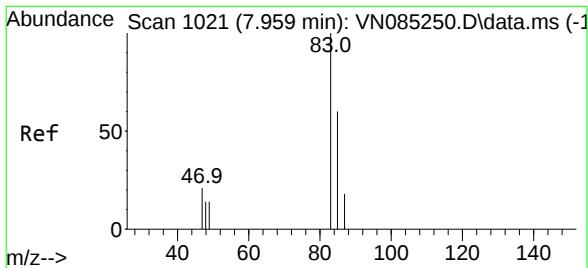
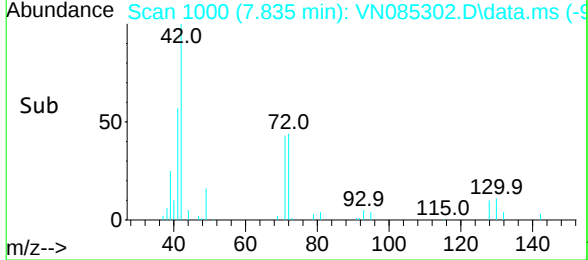
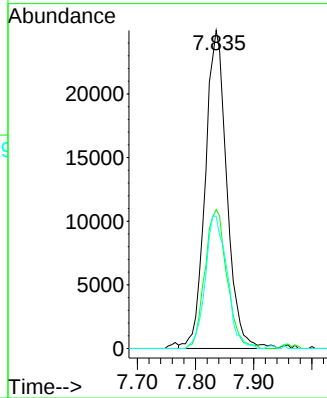
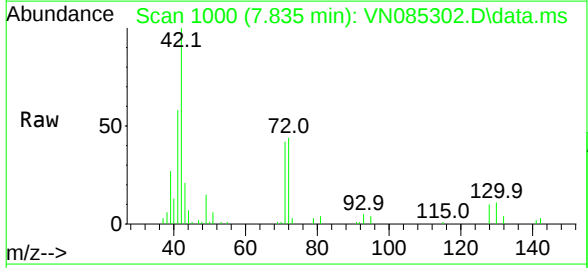
#29
Tetrahydrofuran
Concen: 73.677 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02

Tgt Ion: 42 Resp: 64199
Ion Ratio Lower Upper
42 100
72 44.7 32.7 49.1
71 42.2 31.4 47.2

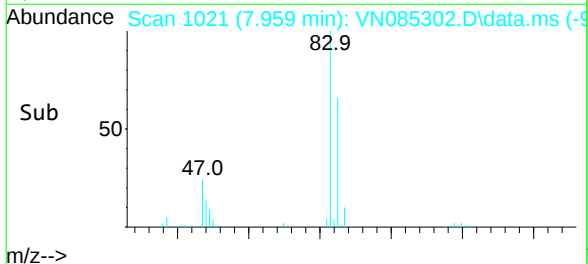
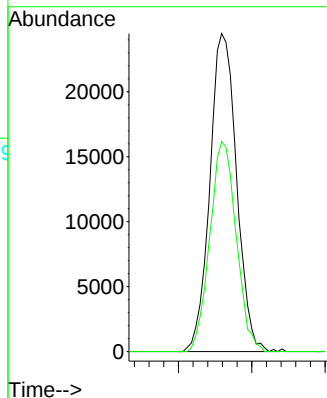
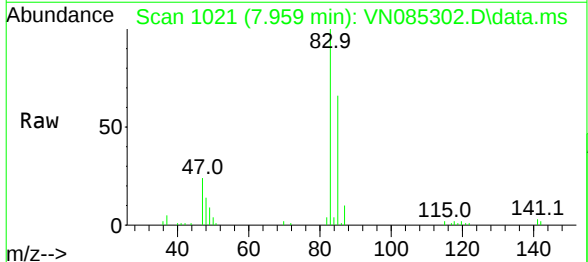
Manual Integrations
APPROVED

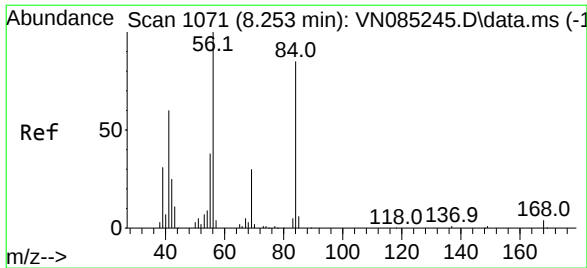
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#30
Chloroform
Concen: 16.217 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

Tgt Ion: 83 Resp: 61891
Ion Ratio Lower Upper
83 100
85 66.0 51.4 77.0





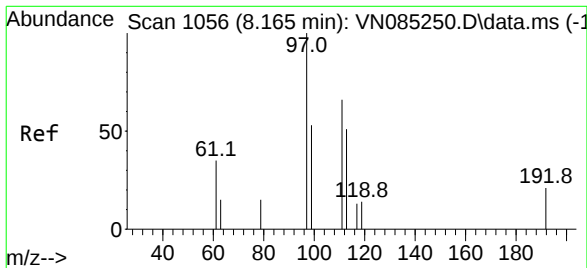
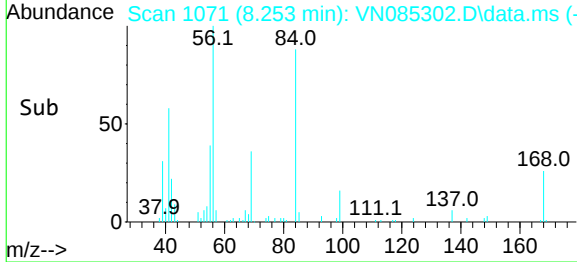
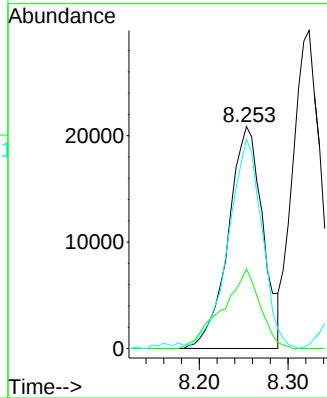
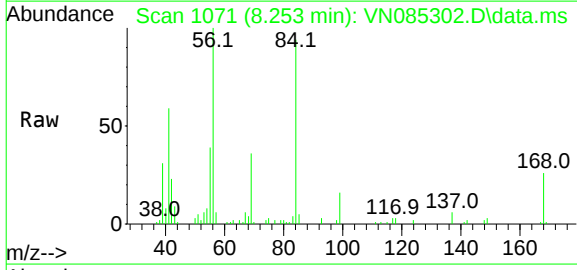
#31
Cyclohexane
Concen: 17.037 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02

Tgt Ion: 56 Resp: 56364
Ion Ratio Lower Upper
56 100
69 35.9 23.6 35.4#
84 91.6 66.6 99.8

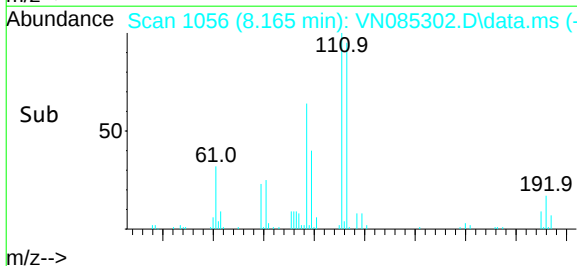
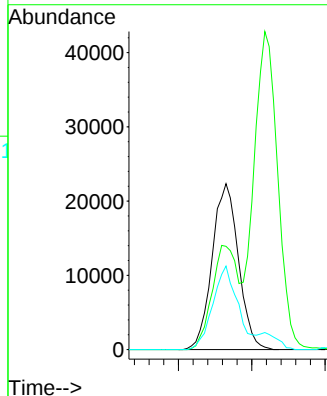
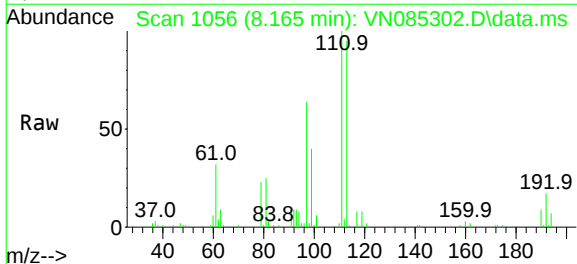
Manual Integrations
APPROVED

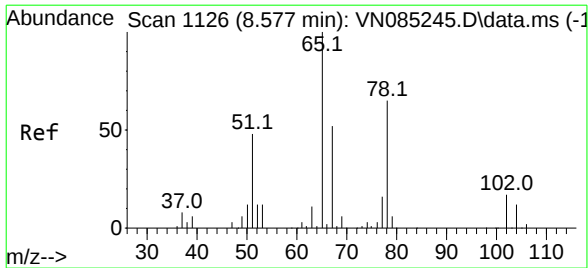
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#32
1,1,1-Trichloroethane
Concen: 16.361 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

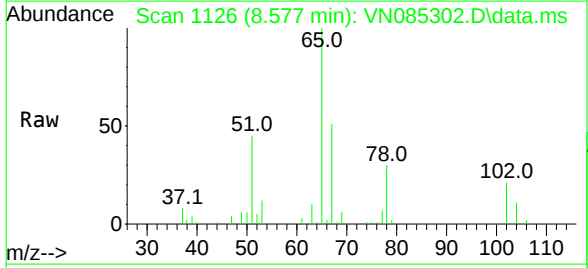
Tgt Ion: 97 Resp: 55653
Ion Ratio Lower Upper
97 100
99 59.2 51.4 77.0
61 48.7 40.4 60.6





#33
1,2-Dichloroethane-d4
Concen: 42.760 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

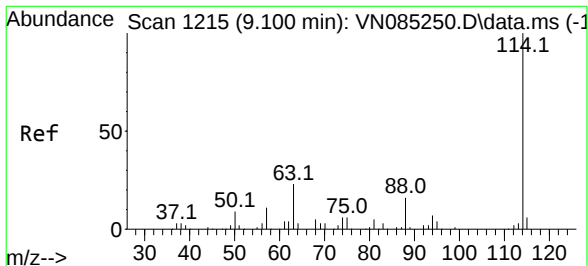
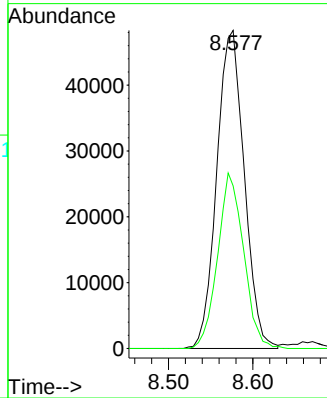
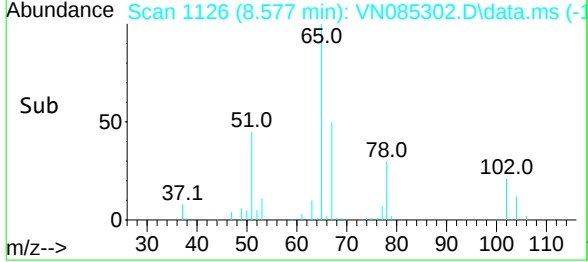
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02



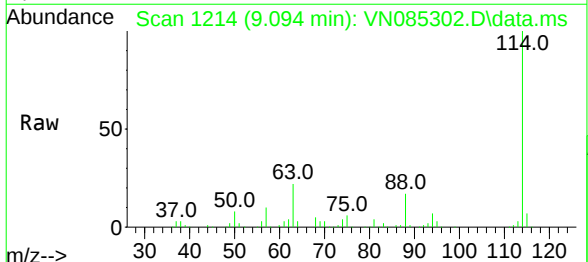
Tgt Ion: 65 Resp: 109345
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.2

Manual Integrations
APPROVED

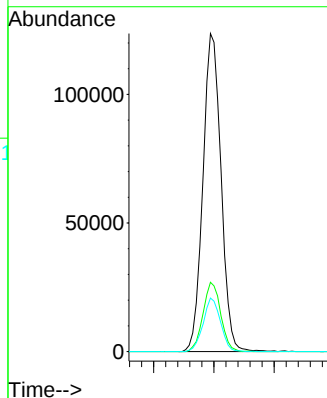
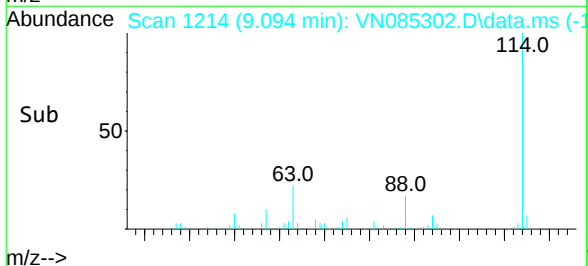
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

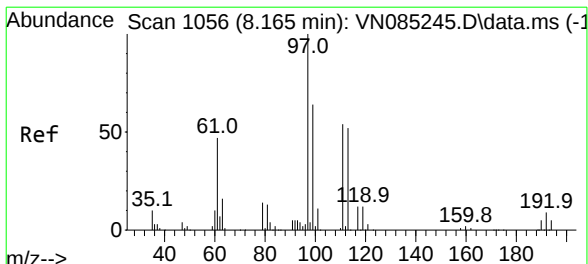


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24



Tgt Ion:114 Resp: 258425
Ion Ratio Lower Upper
114 100
63 21.8 0.0 46.2
88 16.8 0.0 32.6





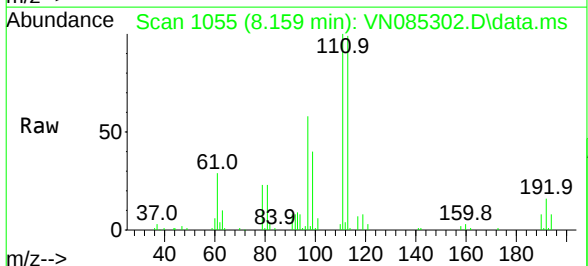
#35
 Dibromofluoromethane
 Concen: 45.761 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN085302.D
 Acq: 23 Dec 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

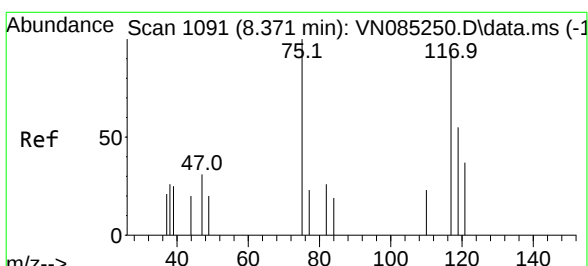
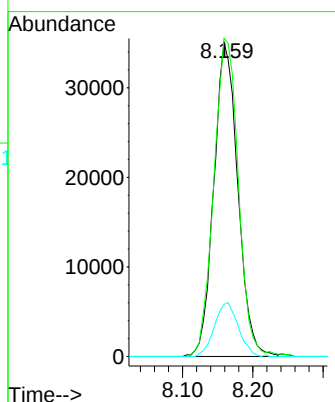
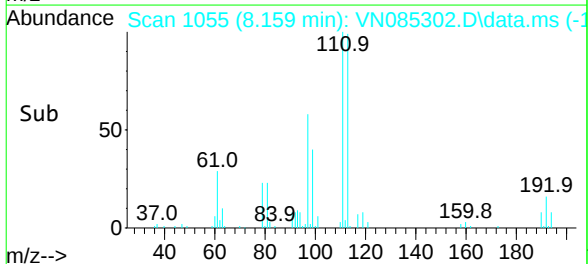
VN1223WBSD02



Tgt Ion:	113	Resp:	83141
Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.1	123.1
192	17.1	13.4	20.0

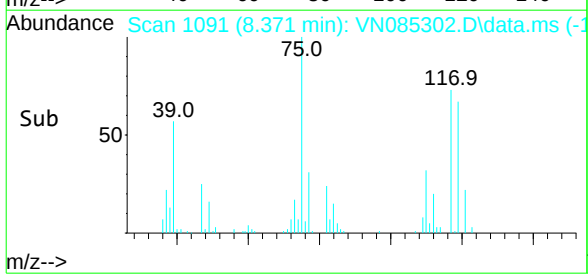
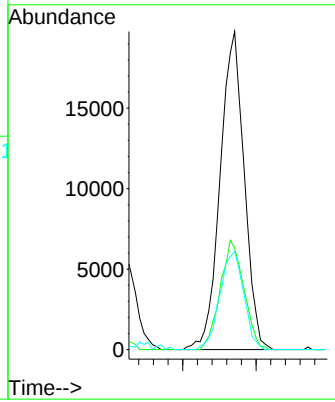
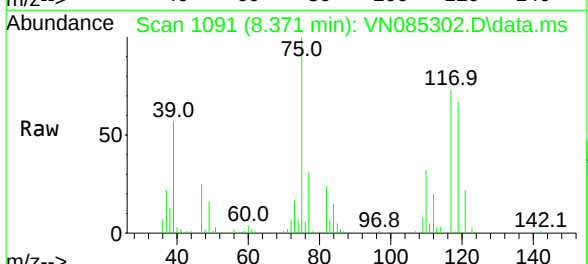
Manual Integrations
 APPROVED

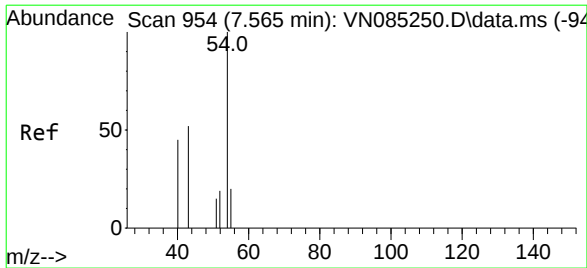
Reviewed By :John Carlone 12/26/2024
 Supervised By :Mahesh Dadoda 12/26/2024



#36
 1,1-Dichloropropene
 Concen: 17.809 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085302.D
 Acq: 23 Dec 2024 18:24

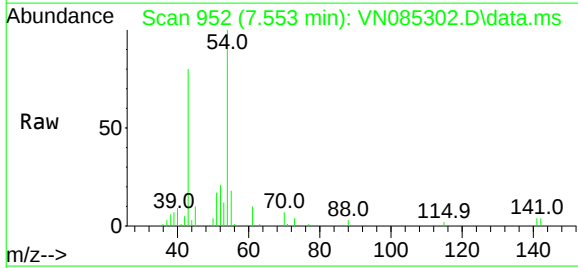
Tgt Ion:	75	Resp:	45054
Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.0	48.0
77	30.7	24.6	36.8





#37
Ethyl Acetate
Concen: 15.050 ug/l
RT: 7.553 min Scan# 954
Delta R.T. -0.006 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

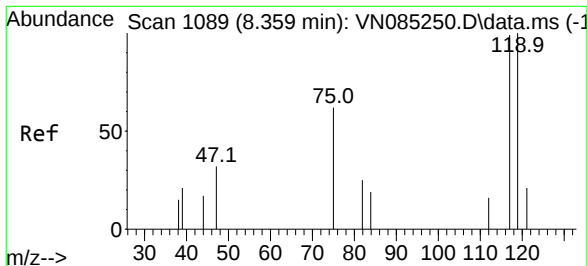
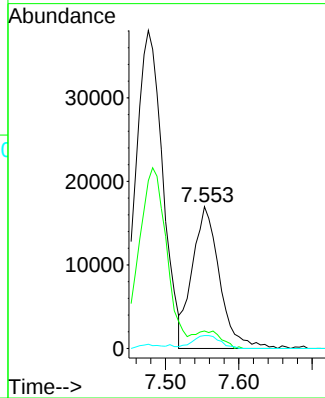
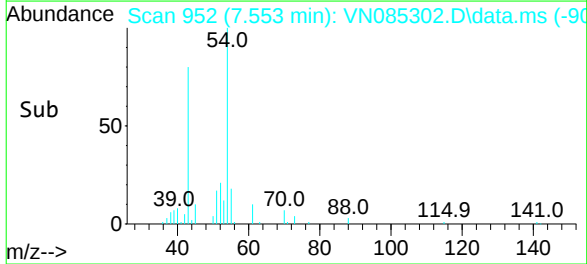
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02



Tgt Ion: 43 Resp: 43925
Ion Ratio Lower Upper
43 100
61 11.3 9.8 14.6
70 9.2 7.8 11.8

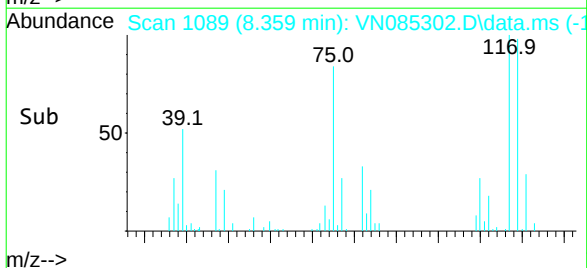
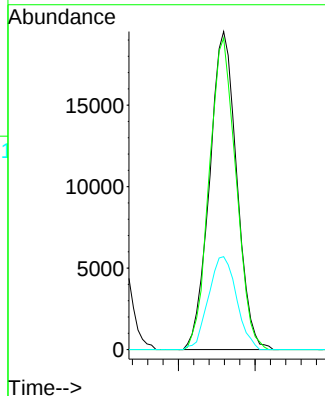
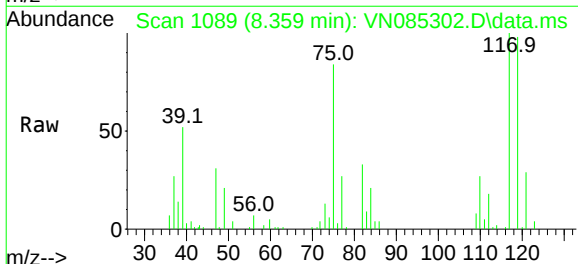
Manual Integrations
APPROVED

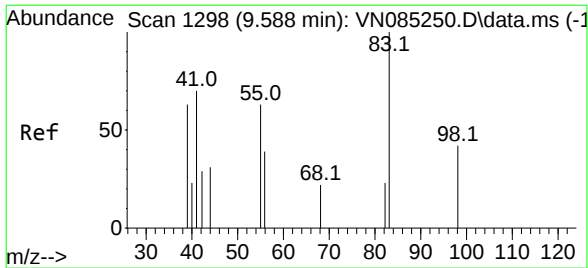
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#38
Carbon Tetrachloride
Concen: 15.684 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

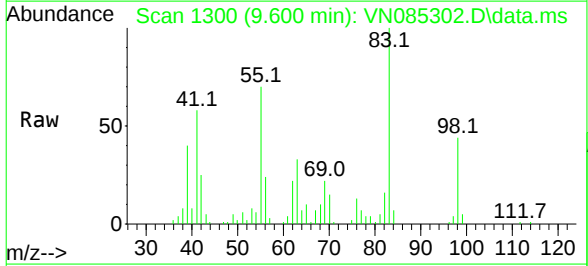
Tgt Ion:117 Resp: 47975
Ion Ratio Lower Upper
117 100
119 98.0 74.8 112.2
121 29.2 24.2 36.4





#39
Methylcyclohexane
Concen: 19.016 ug/l
RT: 9.600 min Scan# 13
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

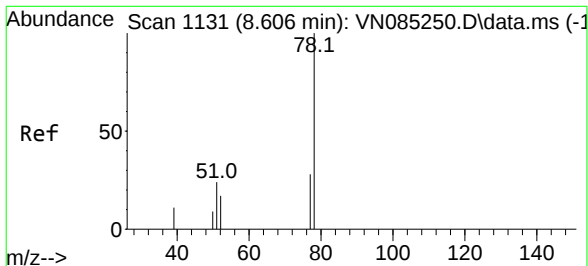
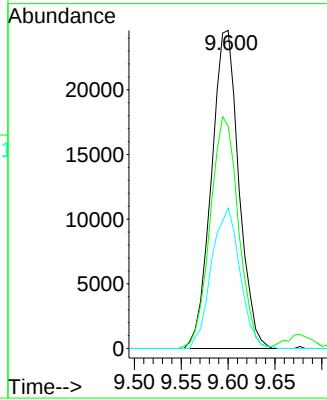
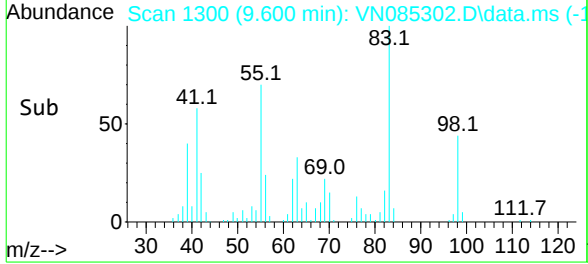
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02



Tgt Ion: 83 Resp: 50061
Ion Ratio Lower Upper
83 100
55 69.9 66.8 100.2
98 44.1 39.4 59.2

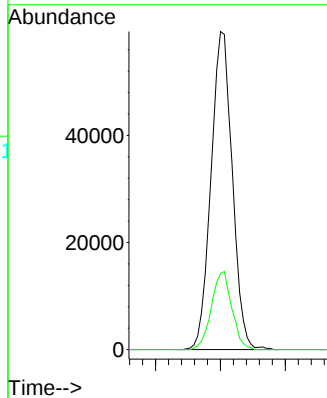
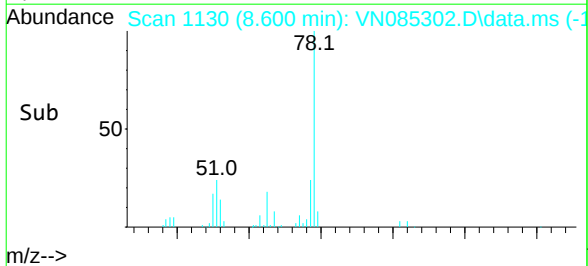
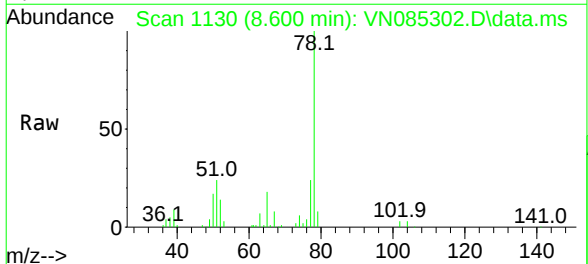
Manual Integrations
APPROVED

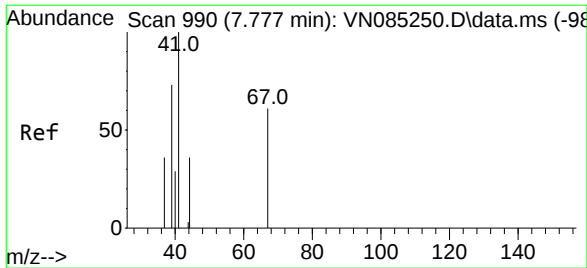
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#40
Benzene
Concen: 17.206 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

Tgt Ion: 78 Resp: 135415
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3





#41

Methacrylonitrile

Concen: 15.642 ug/l

RT: 7.777 min Scan# 990

Delta R.T. -0.000 min

Lab File: VN085302.D

Acq: 23 Dec 2024 18:24

Instrument :

MSVOA_N

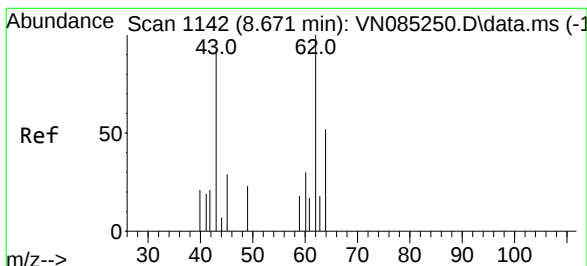
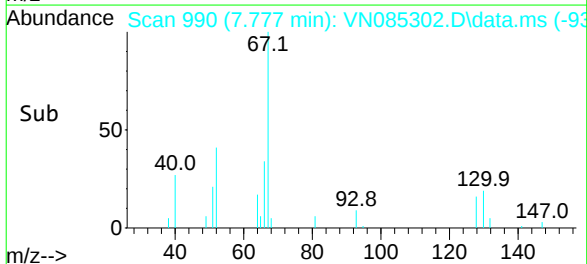
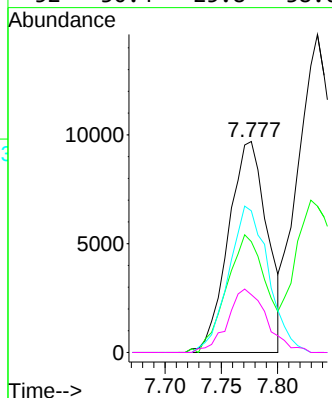
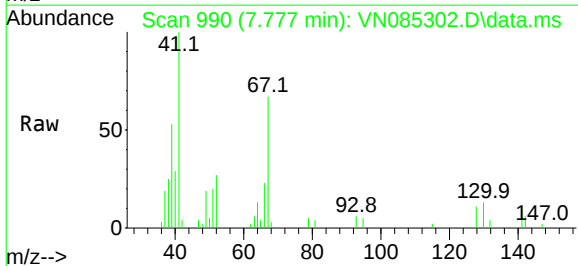
ClientSampleId :

VN1223WBSD02

Tgt Ion:	41	Resp:	23266
Ion	Ratio	Lower	Upper
41	100		
39	56.5	44.0	66.0
67	70.9	56.0	84.0
52	30.4	25.8	38.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#42

1,2-Dichloroethane

Concen: 16.202 ug/l

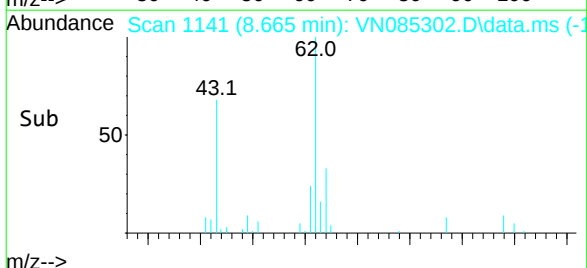
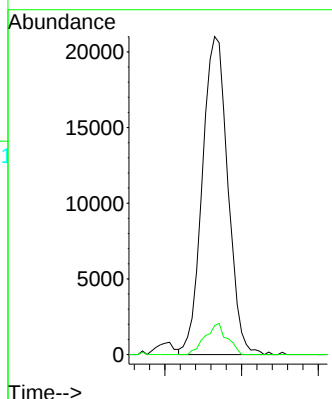
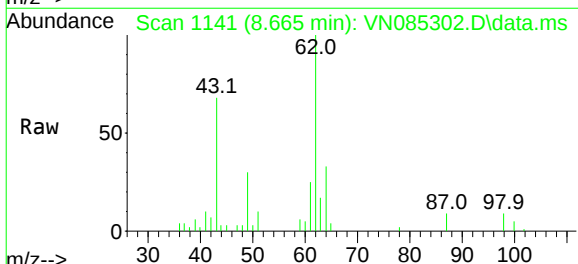
RT: 8.665 min Scan# 1141

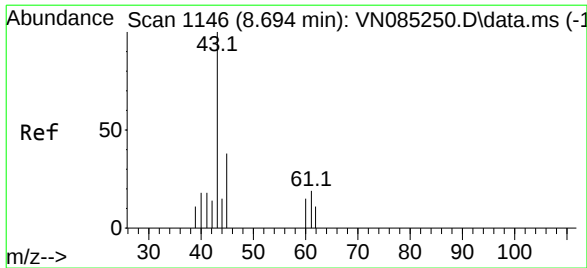
Delta R.T. -0.000 min

Lab File: VN085302.D

Acq: 23 Dec 2024 18:24

Tgt Ion:	62	Resp:	48570
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.4





#43

Isopropyl Acetate

Concen: 13.626 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN085302.D

Acq: 23 Dec 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD02

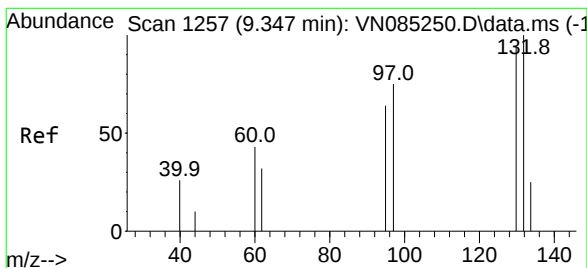
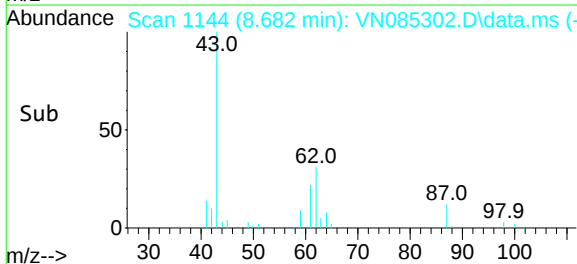
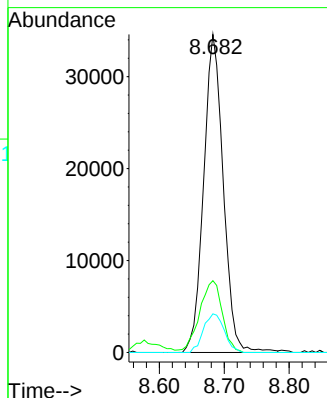
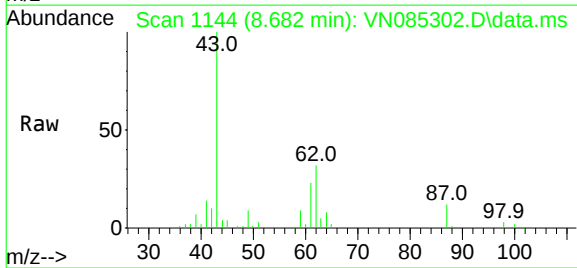
Tgt Ion:	43	Resp:	72730
Ion	Ratio	Lower	Upper
43	100		
61	26.2	19.0	28.4
87	12.9	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#44

Trichloroethene

Concen: 17.809 ug/l

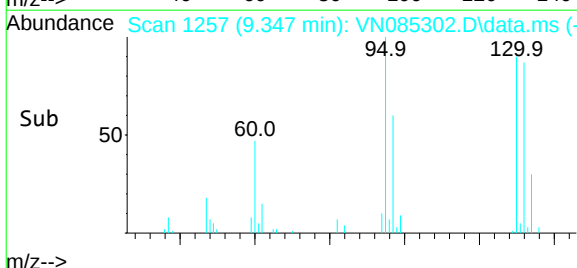
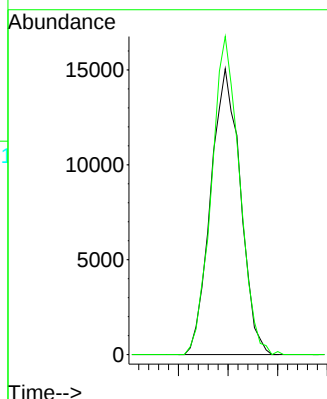
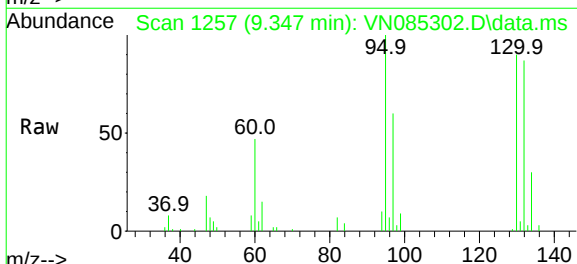
RT: 9.347 min Scan# 1257

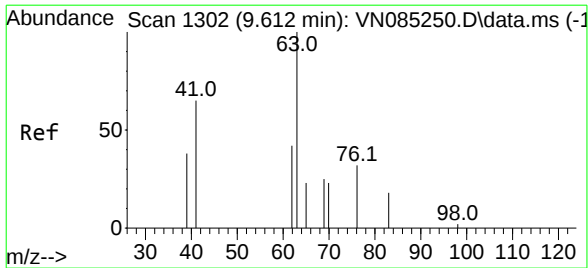
Delta R.T. -0.000 min

Lab File: VN085302.D

Acq: 23 Dec 2024 18:24

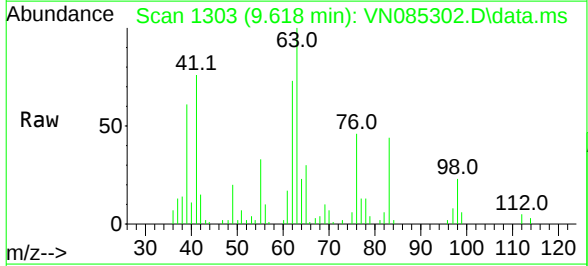
Tgt Ion:	130	Resp:	31205
Ion	Ratio	Lower	Upper
130	100		
95	111.3	0.0	207.6





#45
1,2-Dichloropropane
Concen: 16.884 ug/l
RT: 9.618 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

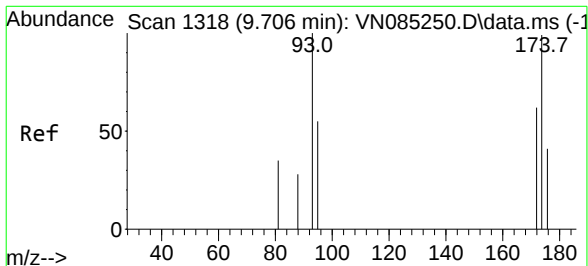
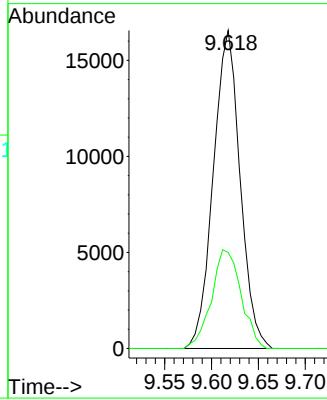
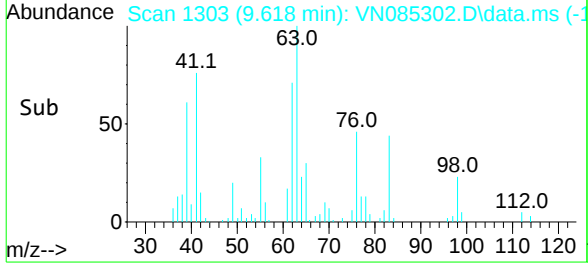
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02



Tgt Ion: 63 Resp: 32901
Ion Ratio Lower Upper
63 100
65 30.2 24.0 36.0

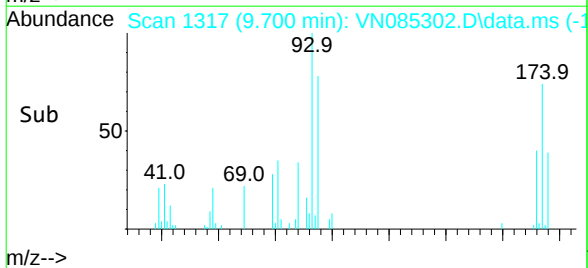
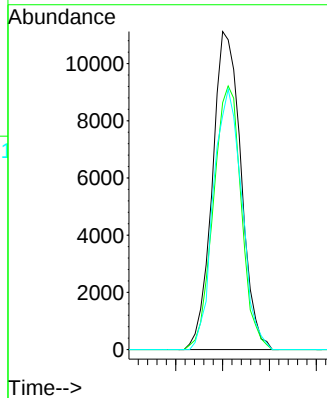
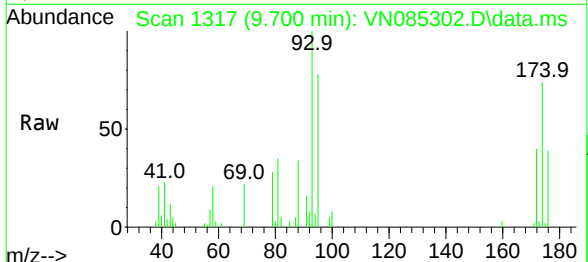
Manual Integrations
APPROVED

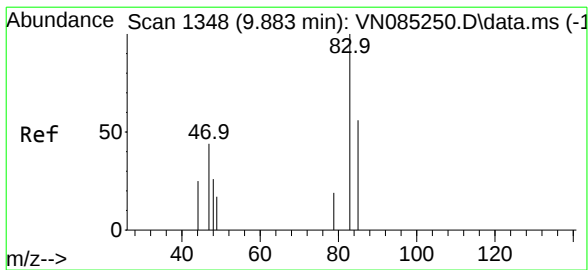
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#46
Dibromomethane
Concen: 16.925 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

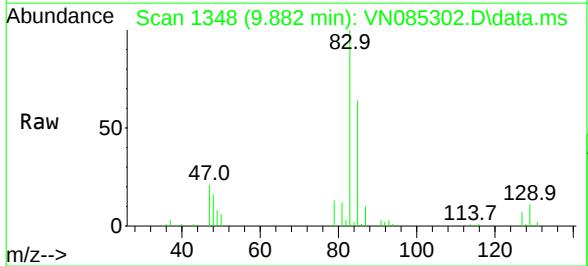
Tgt Ion: 93 Resp: 23545
Ion Ratio Lower Upper
93 100
95 80.9 67.0 100.6
174 81.3 69.3 103.9





#47
Bromodichloromethane
Concen: 16.355 ug/l
RT: 9.882 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

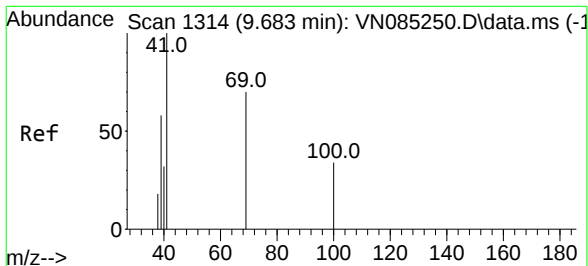
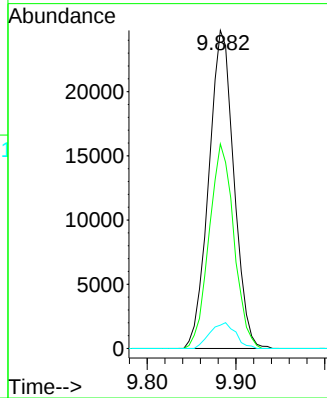
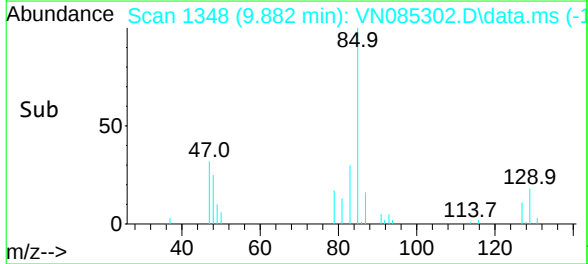
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02



Tgt Ion: 83 Resp: 48746
Ion Ratio Lower Upper
83 100
85 64.3 51.0 76.4
127 7.3 6.3 9.5

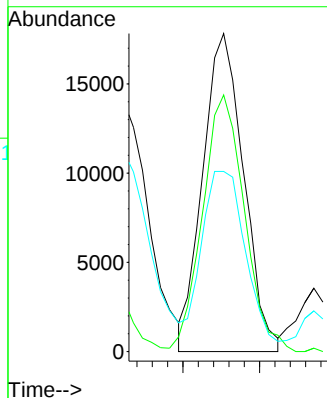
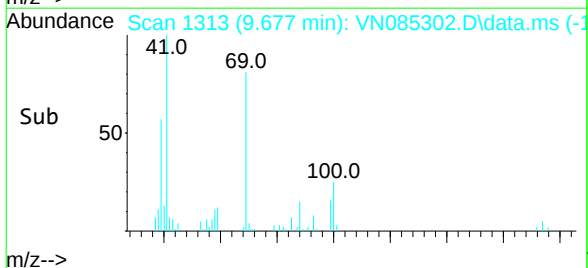
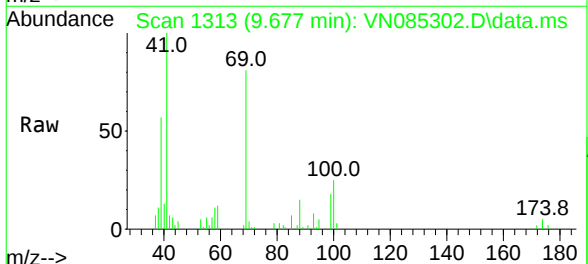
Manual Integrations
APPROVED

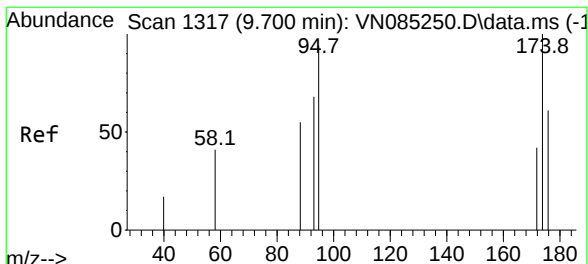
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#48
Methyl methacrylate
Concen: 15.077 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

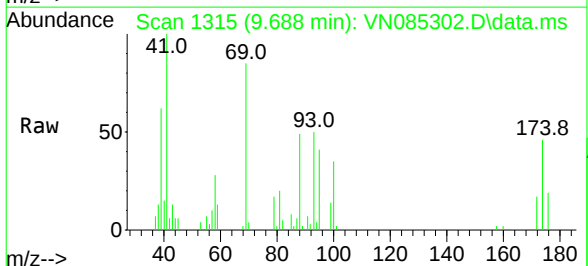
Tgt Ion: 41 Resp: 32988
Ion Ratio Lower Upper
41 100
69 82.5 61.0 91.4
39 62.4 49.8 74.8





#49
1,4-Dioxane
Concen: 284.721 ug/l
RT: 9.688 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

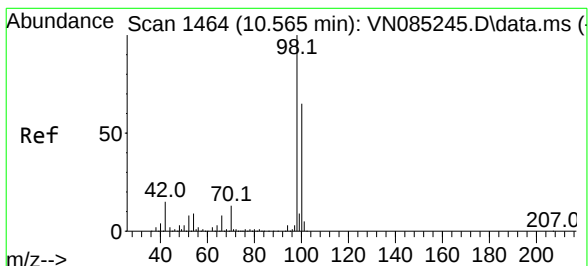
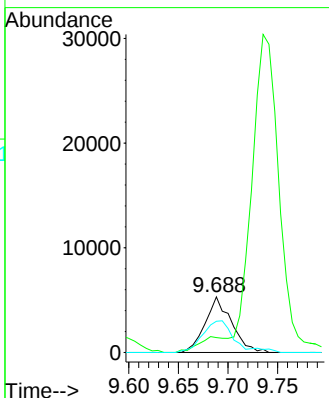
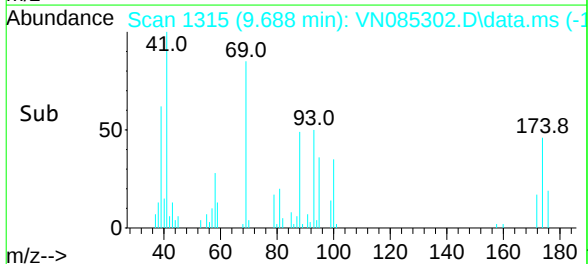
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02



Tgt Ion: 88 Resp: 9822
Ion Ratio Lower Upper
88 100
43 31.0 25.6 38.4
58 64.1 56.5 84.7

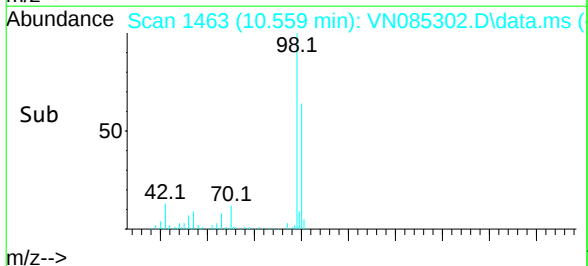
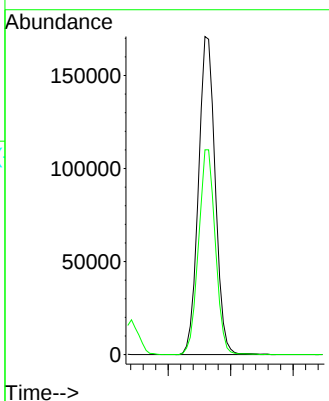
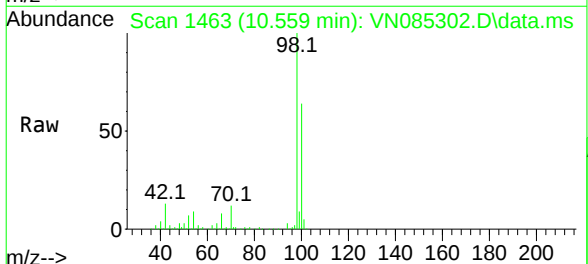
Manual Integrations
APPROVED

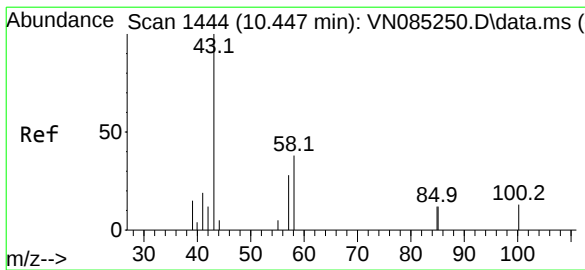
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#50
Toluene-d8
Concen: 48.034 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

Tgt Ion: 98 Resp: 318974
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4





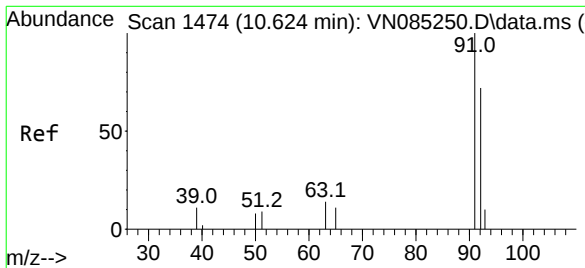
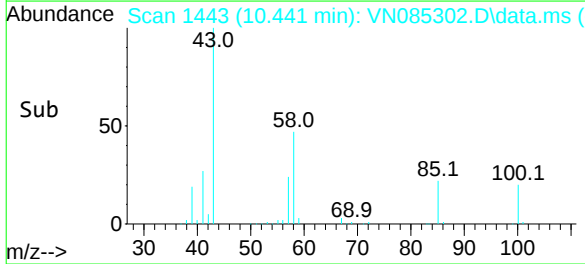
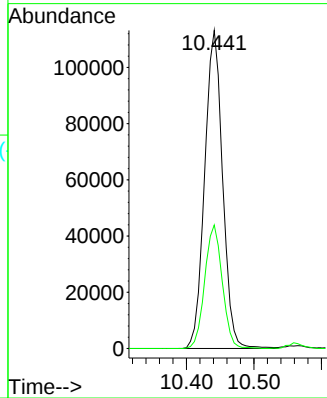
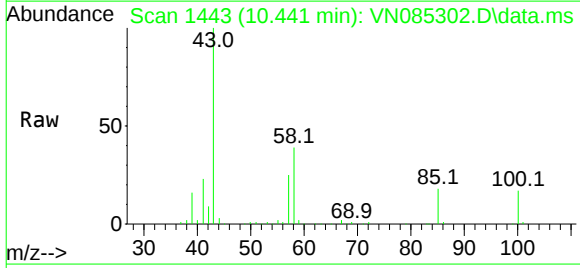
#51
4-Methyl-2-Pentanone
Concen: 74.535 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02

Tgt Ion: 43 Resp: 209032
Ion Ratio Lower Upper
43 100
58 37.9 29.4 44.2

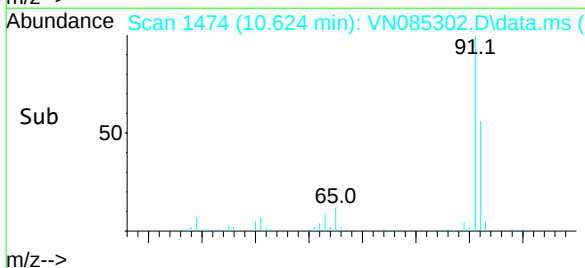
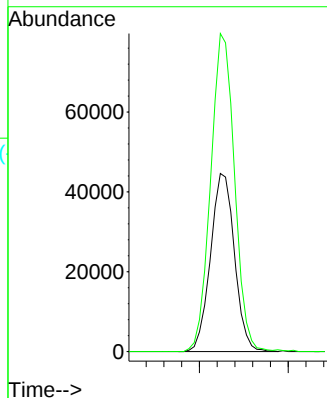
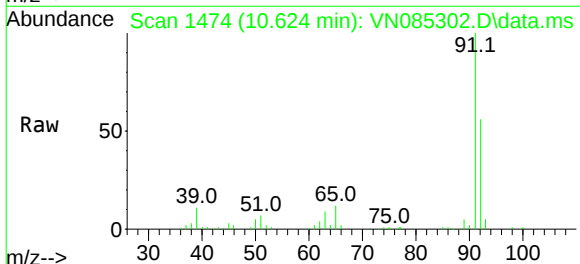
Manual Integrations
APPROVED

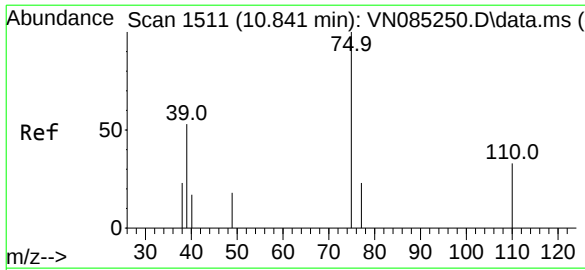
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#52
Toluene
Concen: 17.668 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

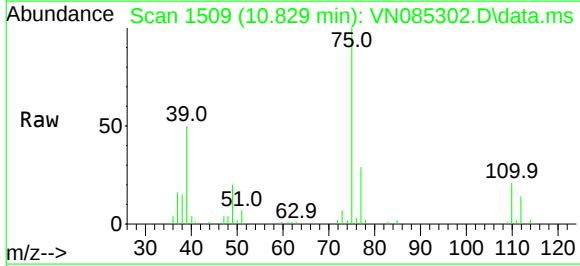
Tgt Ion: 92 Resp: 83610
Ion Ratio Lower Upper
92 100
91 178.3 138.9 208.3





#53
t-1,3-Dichloropropene
Concen: 17.039 ug/l
RT: 10.829 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

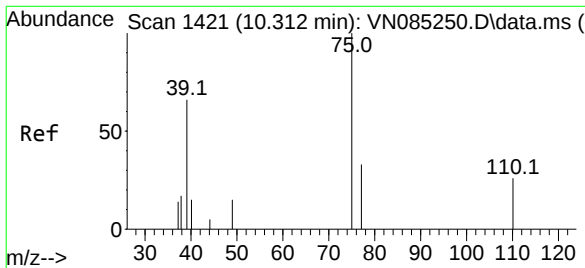
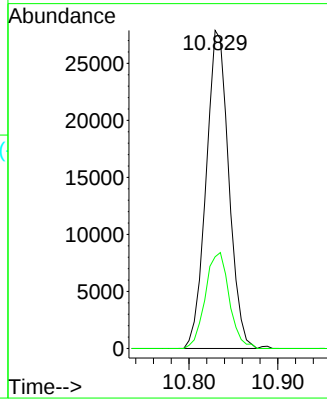
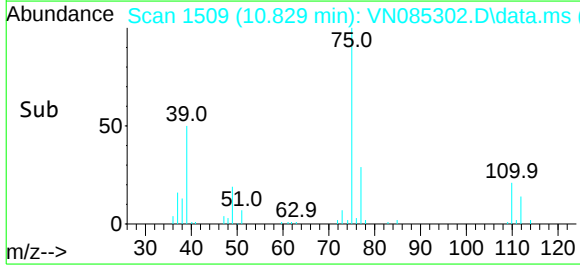
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02



Tgt Ion: 75 Resp: 49501
Ion Ratio Lower Upper
75 100
77 28.8 25.4 38.0

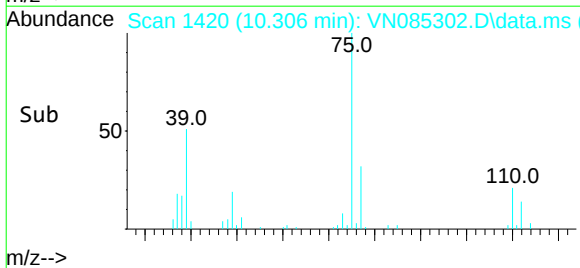
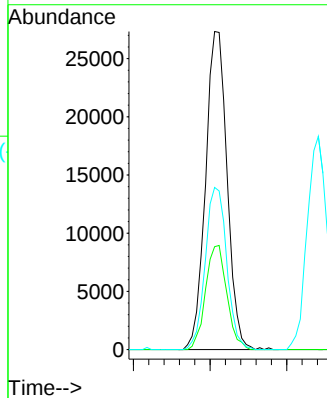
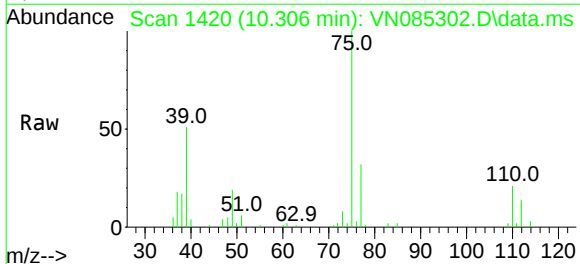
Manual Integrations
APPROVED

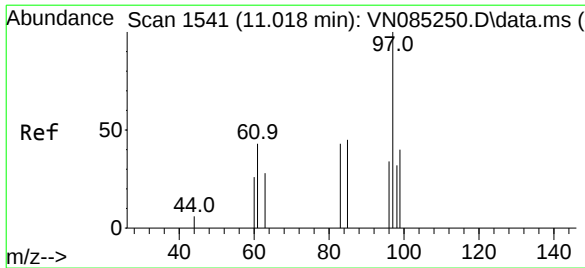
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#54
cis-1,3-Dichloropropene
Concen: 17.259 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

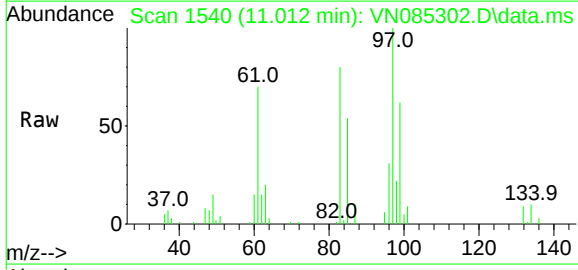
Tgt Ion: 75 Resp: 53310
Ion Ratio Lower Upper
75 100
77 32.4 26.6 39.8
39 51.0 45.3 67.9





#55
1,1,2-Trichloroethane
Concen: 17.111 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

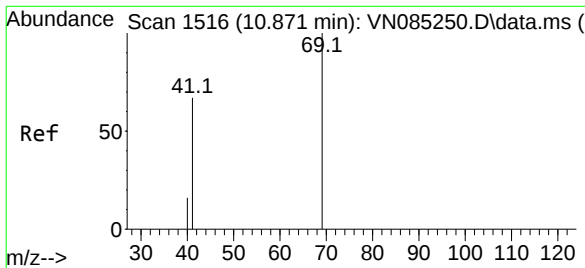
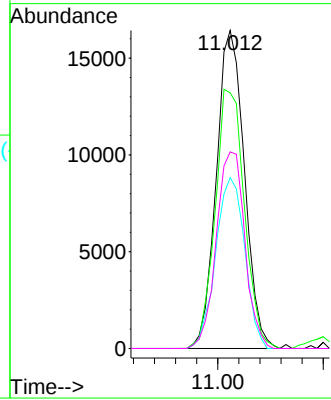
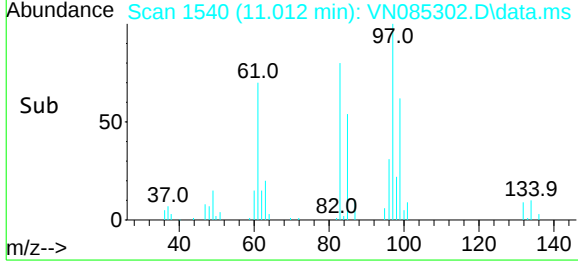
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02



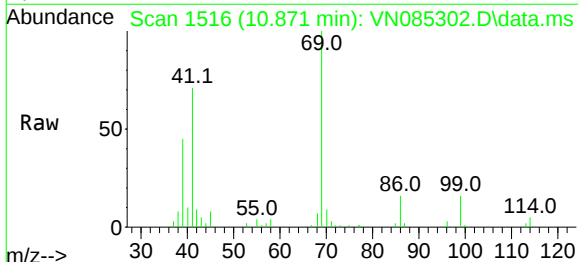
Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.4	69.6	104.4
85	53.7	45.7	68.5
99	61.8	50.4	75.6

Manual Integrations
APPROVED

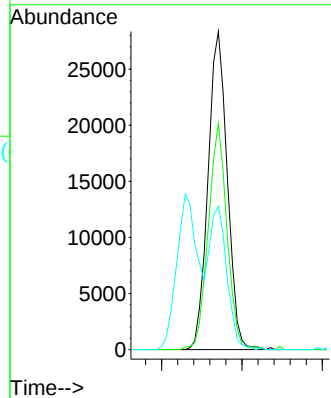
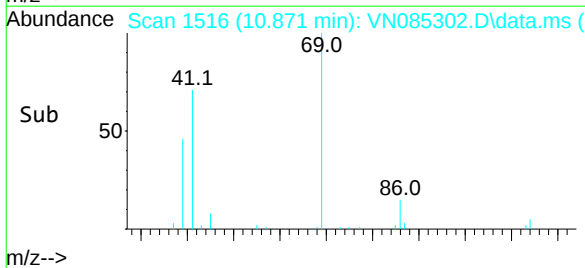
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

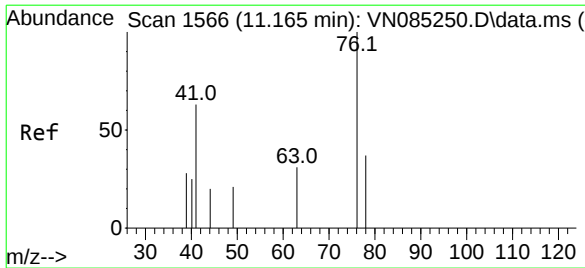


#56
Ethyl methacrylate
Concen: 15.627 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24



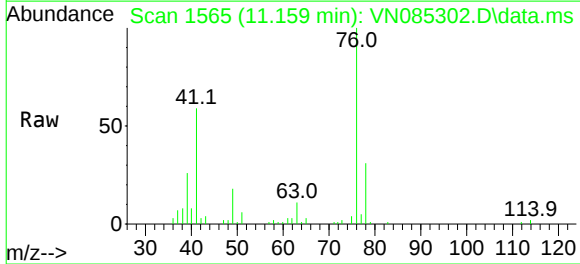
Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.9	57.5	86.3
39	41.2	33.4	50.2





#57
1,3-Dichloropropane
Concen: 16.894 ug/l
RT: 11.159 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

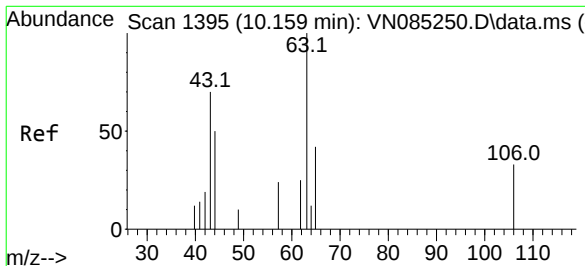
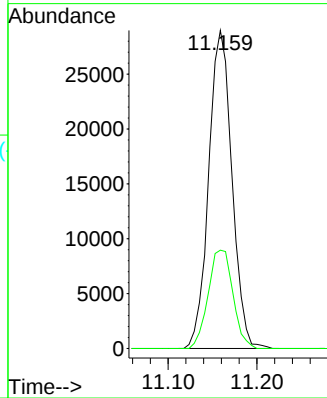
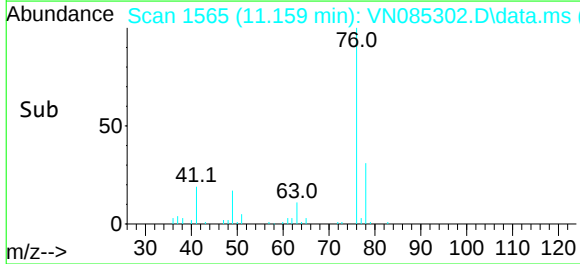
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02



Tgt Ion: 76 Resp: 52689
Ion Ratio Lower Upper
76 100
78 33.0 25.4 38.2

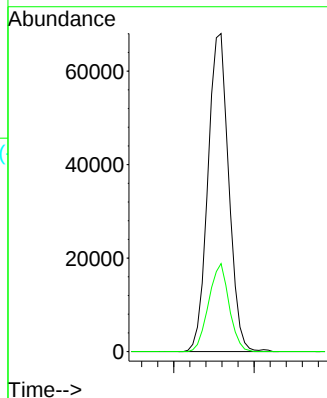
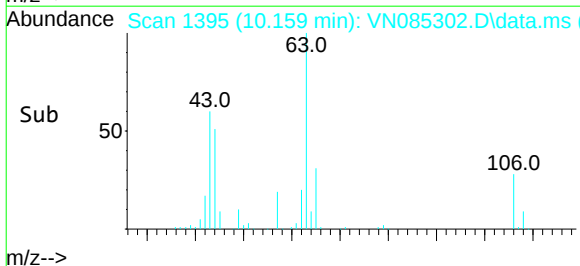
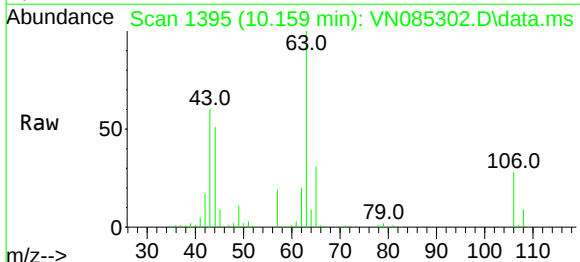
Manual Integrations
APPROVED

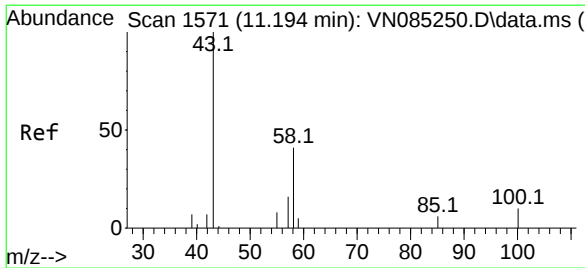
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#58
2-Chloroethyl Vinyl ether
Concen: 87.427 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

Tgt Ion: 63 Resp: 122531
Ion Ratio Lower Upper
63 100
106 27.1 21.2 31.8





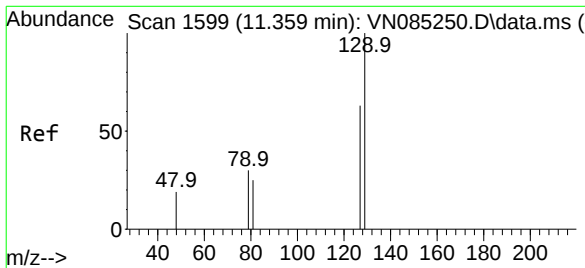
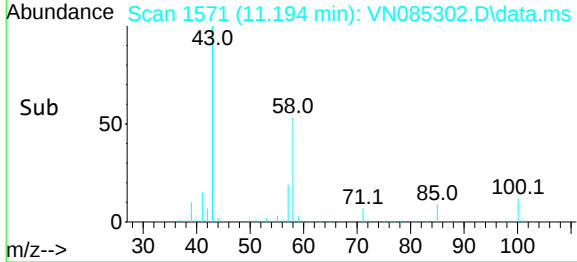
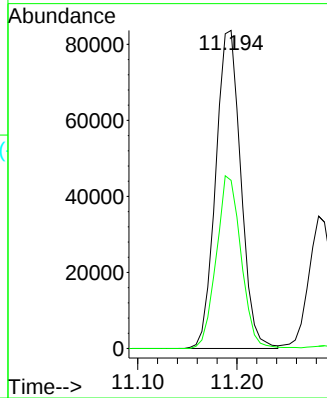
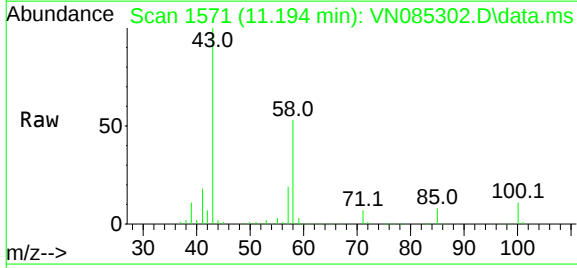
#59
2-Hexanone
Concen: 73.595 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02

Tgt Ion: 43 Resp: 147125
Ion Ratio Lower Upper
43 100
58 53.6 25.8 77.4

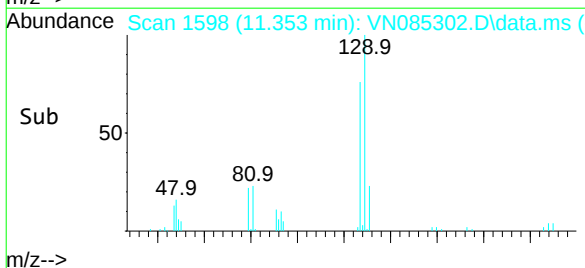
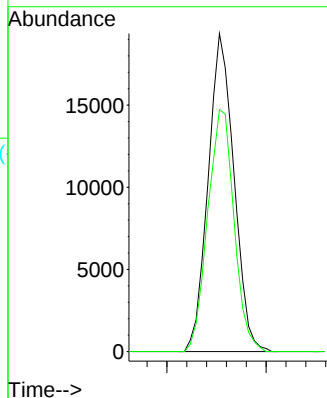
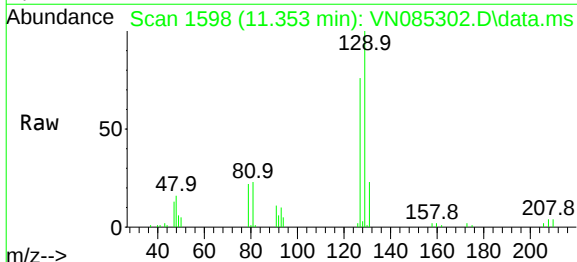
Manual Integrations
APPROVED

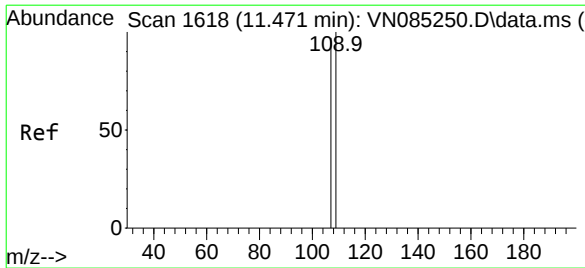
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#60
Dibromochloromethane
Concen: 16.634 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

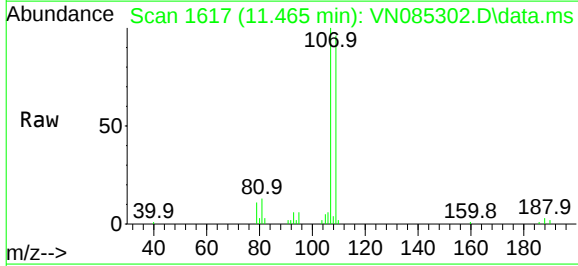
Tgt Ion:129 Resp: 34933
Ion Ratio Lower Upper
129 100
127 77.6 39.6 118.8





#61
1,2-Dibromoethane
Concen: 16.580 ug/l
RT: 11.465 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

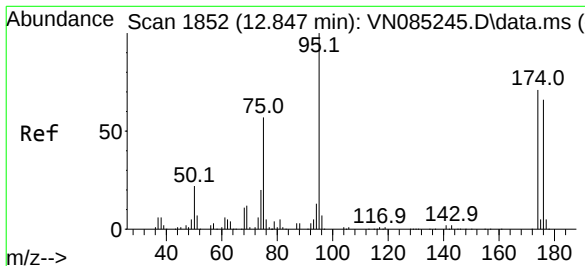
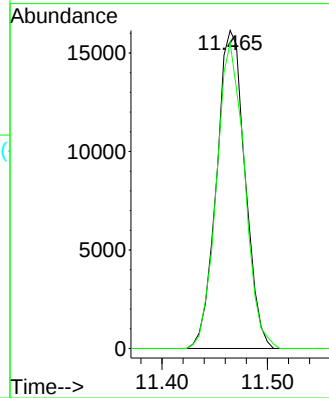
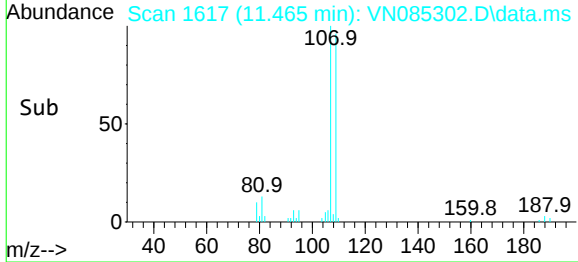
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02



Tgt Ion: 107 Resp: 30261
Ion Ratio Lower Upper
107 100
109 95.0 74.2 111.4

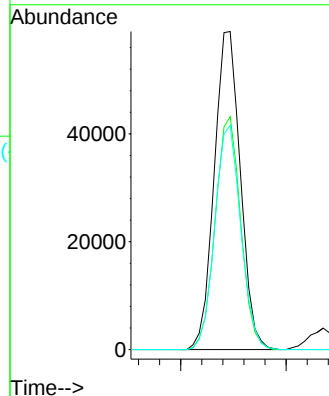
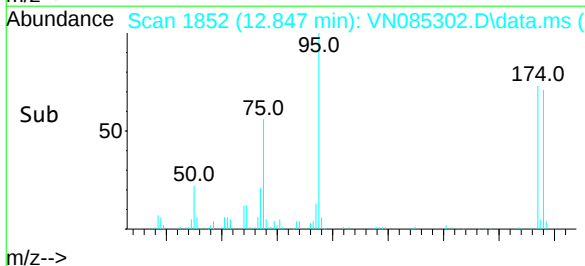
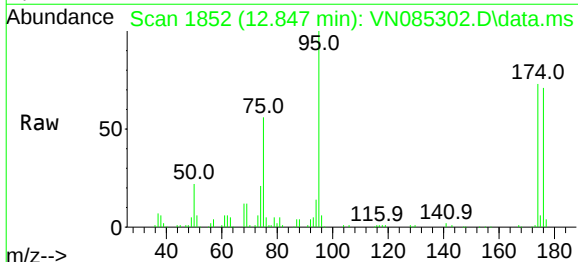
Manual Integrations
APPROVED

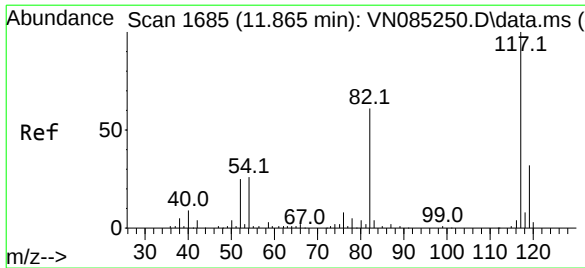
Reviewed By : John Carlone 12/26/2024
Supervised By : Mahesh Dadoda 12/26/2024



#62
4-Bromofluorobenzene
Concen: 42.913 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

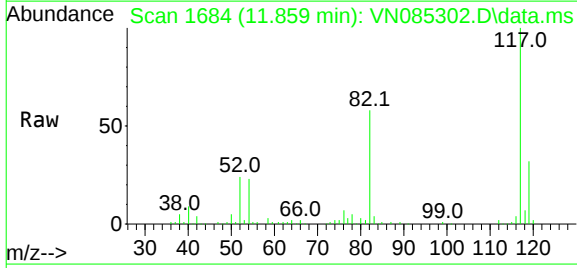
Tgt Ion: 95 Resp: 101784
Ion Ratio Lower Upper
95 100
174 71.3 0.0 144.4
176 70.0 0.0 136.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

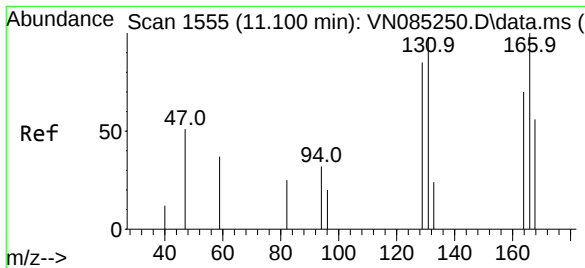
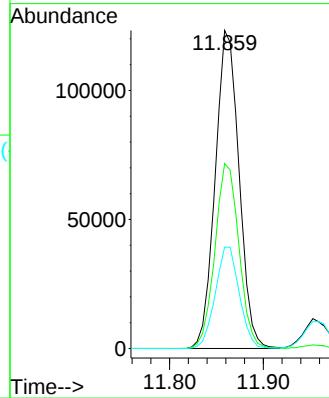
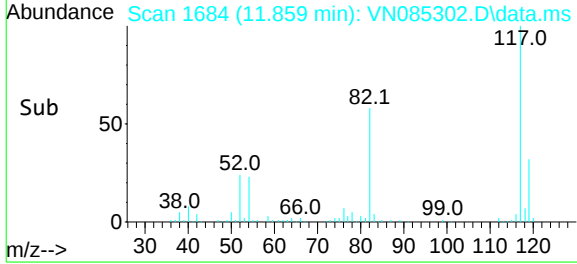
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02



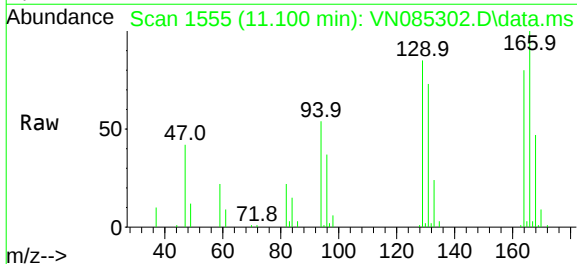
Tgt Ion:117 Resp: 217793
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 31.9 25.6 38.4

Manual Integrations
APPROVED

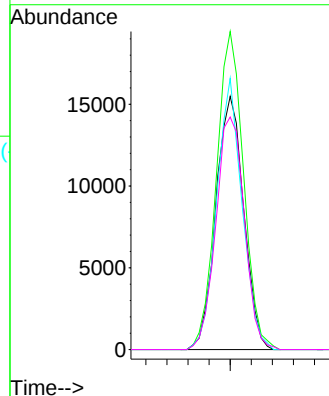
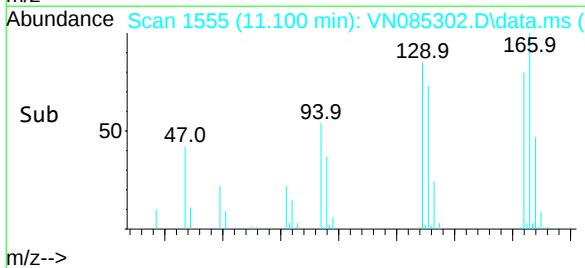
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

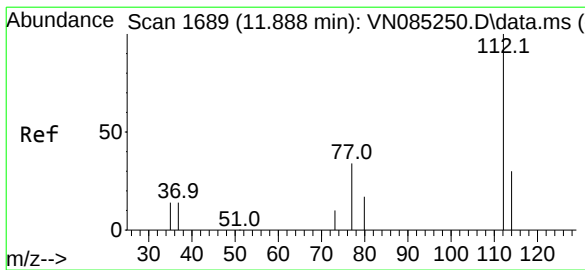


#64
Tetrachloroethene
Concen: 19.335 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24



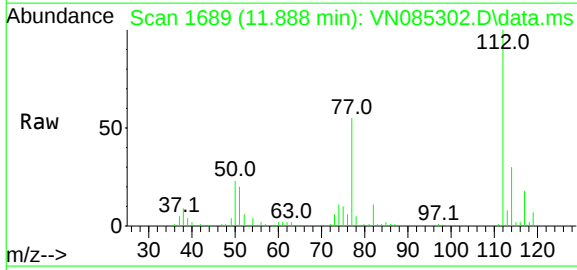
Tgt Ion:164 Resp: 28337
Ion Ratio Lower Upper
164 100
166 125.6 101.5 152.3
129 107.1 79.4 119.2
131 91.9 73.9 110.9





#65
Chlorobenzene
Concen: 18.417 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

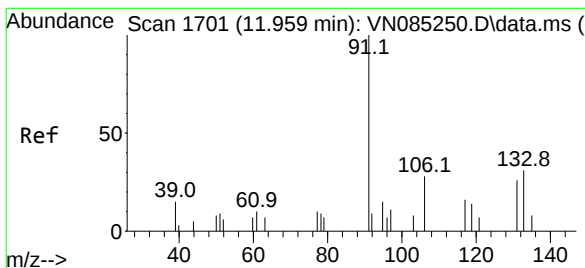
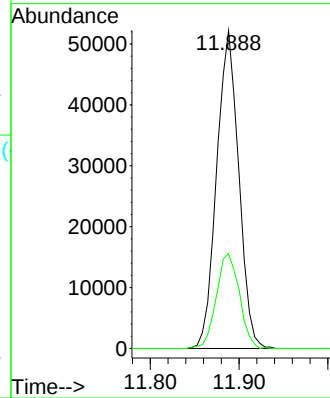
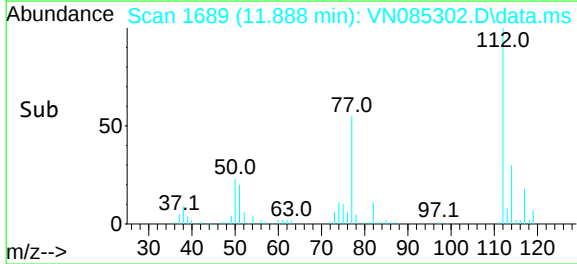
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02



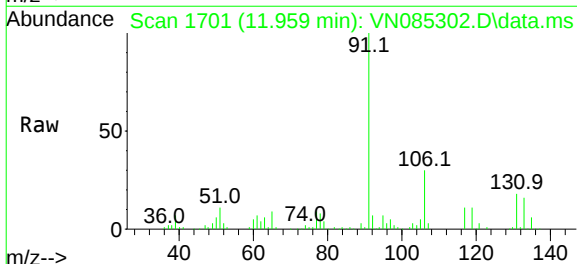
Tgt Ion:112 Resp: 90164
Ion Ratio Lower Upper
112 100
114 29.8 26.2 39.4

Manual Integrations
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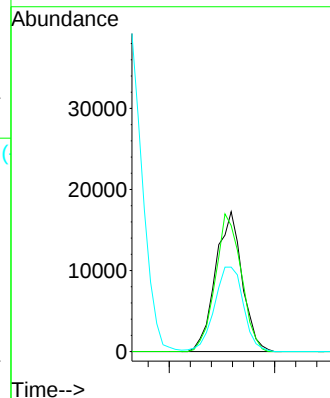
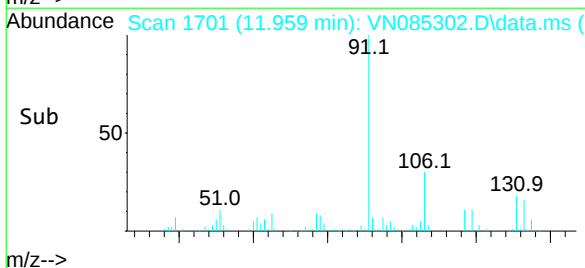
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

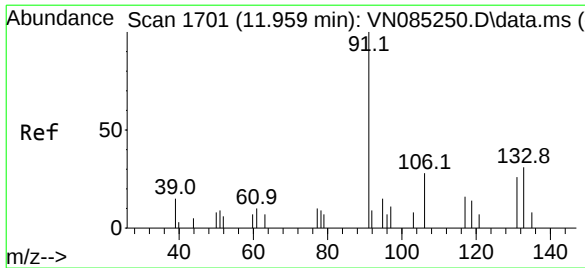


#66
1,1,1,2-Tetrachloroethane
Concen: 17.750 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24



Tgt Ion:131 Resp: 30317
Ion Ratio Lower Upper
131 100
133 95.6 48.6 145.8
119 65.8 32.5 97.5





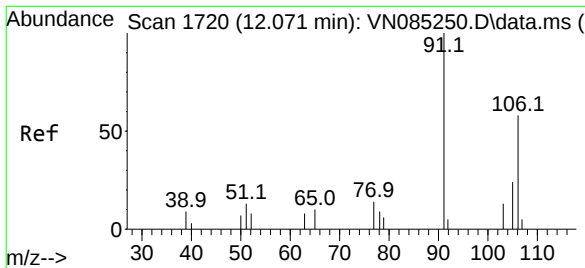
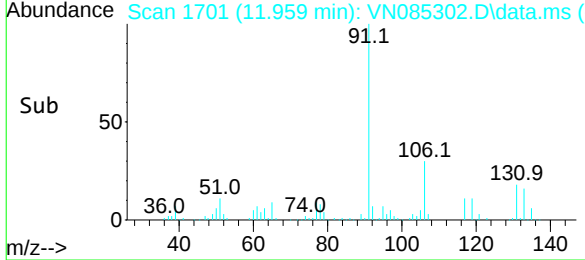
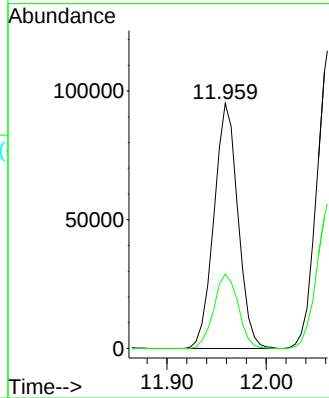
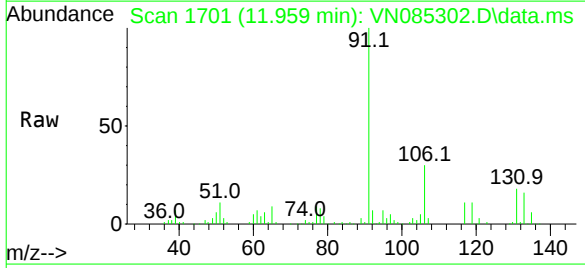
#67
Ethyl Benzene
Concen: 19.039 ug/l
RT: 11.959 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02

Tgt Ion: 91 Resp: 159759
Ion Ratio Lower Upper
91 100
106 30.3 23.5 35.3

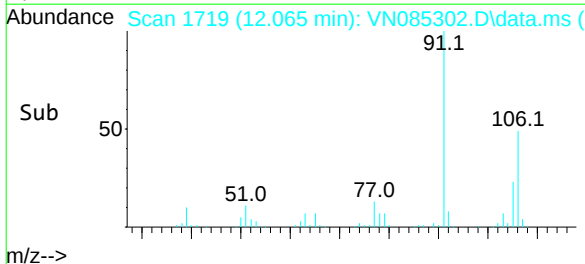
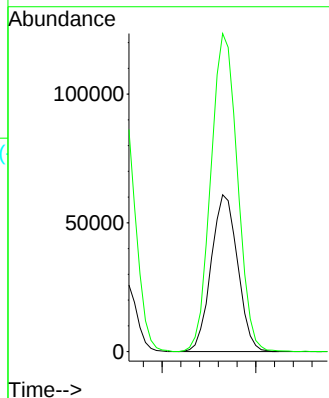
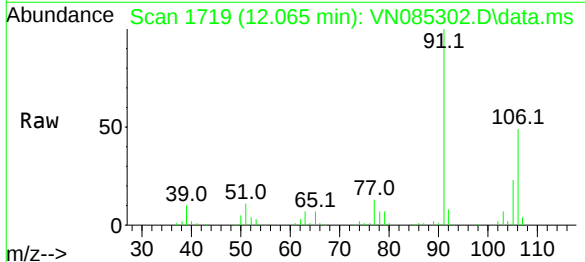
Manual Integrations
APPROVED

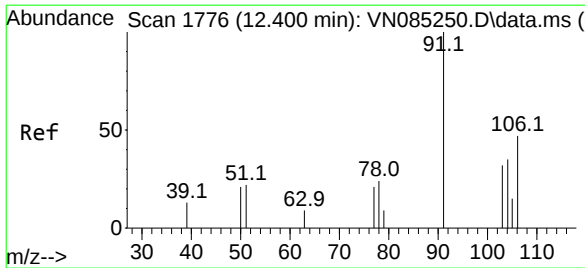
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#68
m/p-Xylenes
Concen: 38.066 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

Tgt Ion:106 Resp: 119468
Ion Ratio Lower Upper
106 100
91 204.0 168.3 252.5





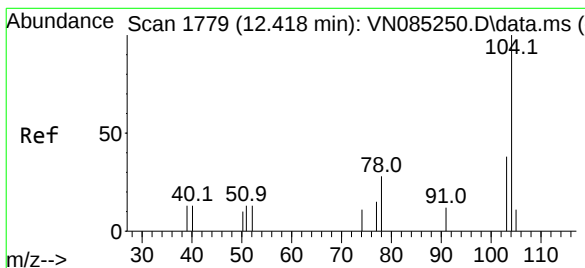
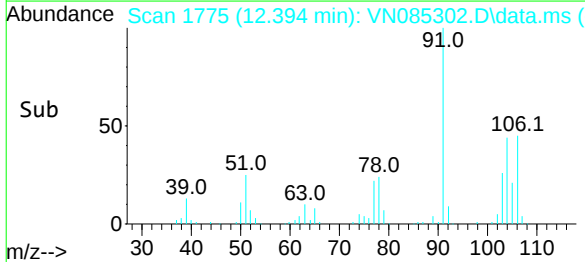
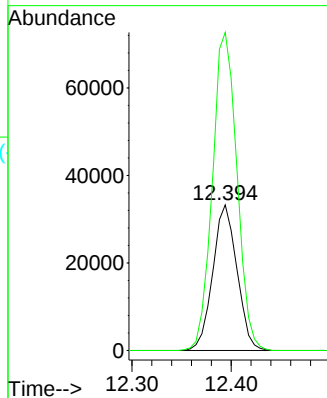
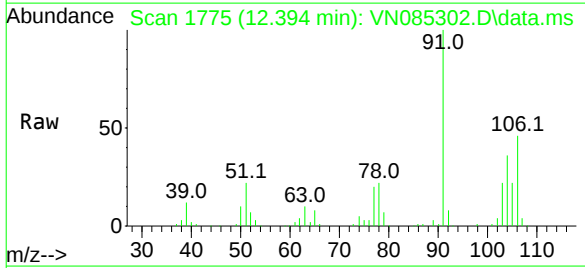
#69
o-Xylene
Concen: 19.095 ug/l
RT: 12.394 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02

Tgt Ion:106 Resp: 56329
Ion Ratio Lower Upper
106 100
91 221.4 112.1 336.2

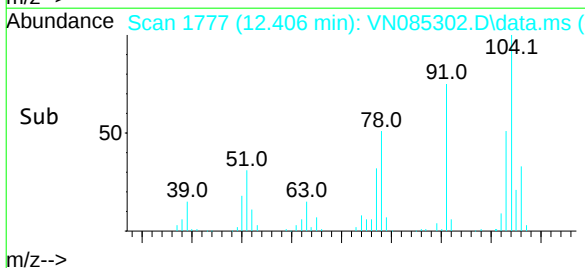
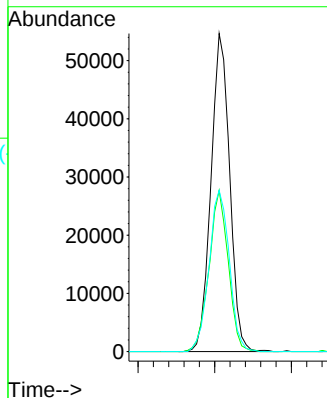
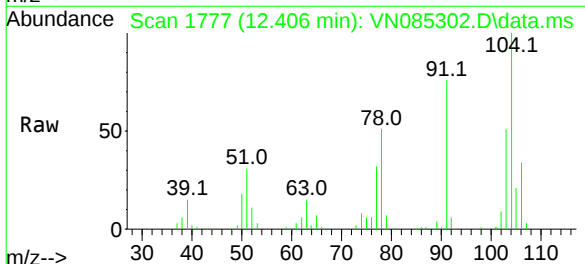
Manual Integrations
APPROVED

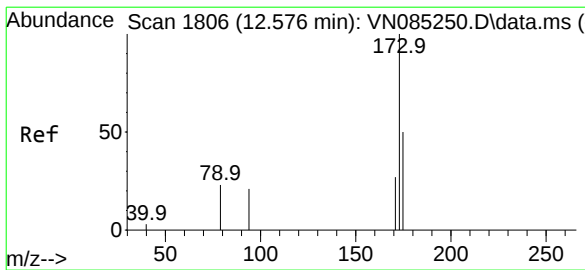
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#70
Styrene
Concen: 18.789 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

Tgt Ion:104 Resp: 92529
Ion Ratio Lower Upper
104 100
78 52.0 43.2 64.8
103 55.0 44.6 66.8





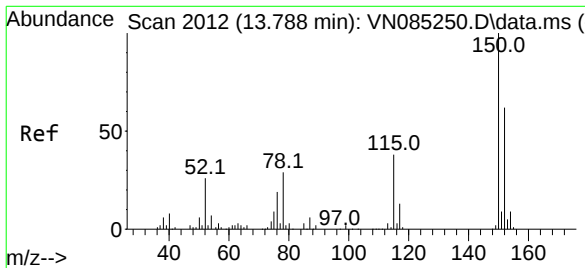
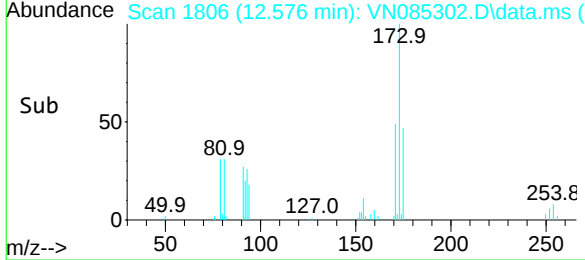
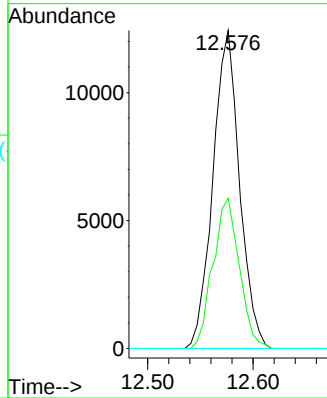
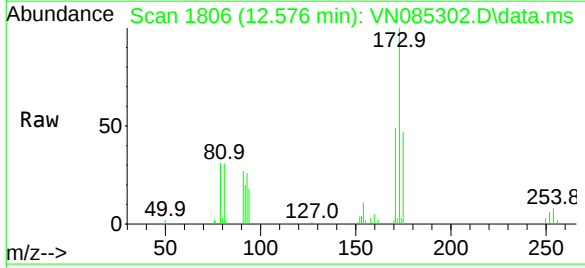
#71
Bromoform
Concen: 16.263 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02

Tgt Ion:173 Resp: 21774
Ion Ratio Lower Upper
173 100
175 46.8 24.5 73.5
254 0.0 0.0 0.0

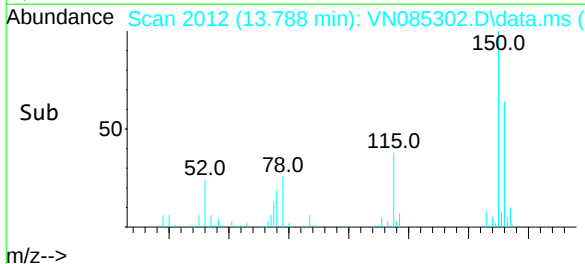
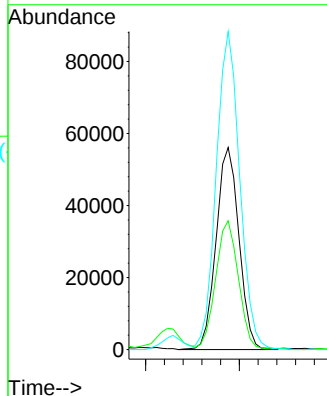
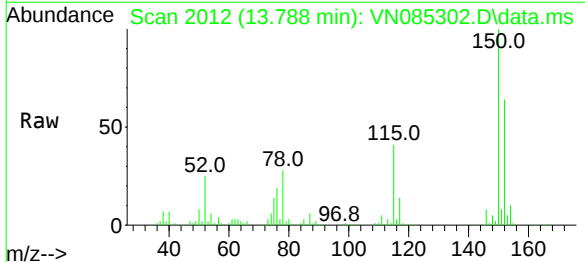
Manual Integrations
APPROVED

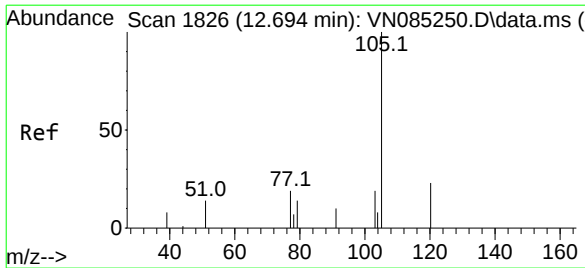
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

Tgt Ion:152 Resp: 95165
Ion Ratio Lower Upper
152 100
115 62.4 32.1 96.3
150 162.2 0.0 354.6





#73

Isopropylbenzene

Concen: 21.452 ug/l

RT: 12.688 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN085302.D

Acq: 23 Dec 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD02

Tgt Ion: 105 Resp: 147269

Ion Ratio Lower Upper

105 100

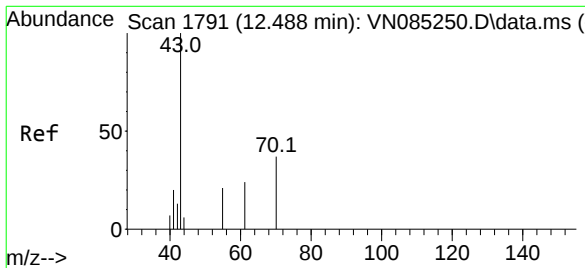
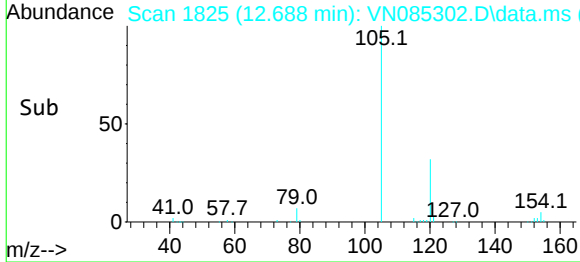
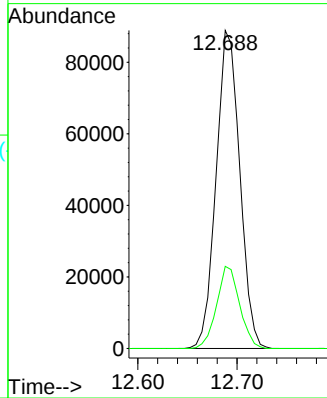
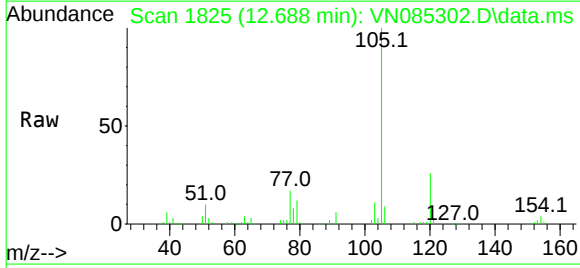
120 25.1 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#74

N-ethyl acetate

Concen: 18.212 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VN085302.D

Acq: 23 Dec 2024 18:24

Tgt Ion: 43 Resp: 62445

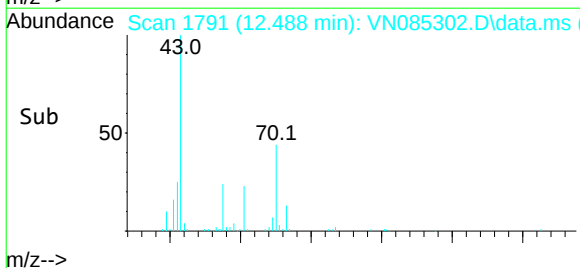
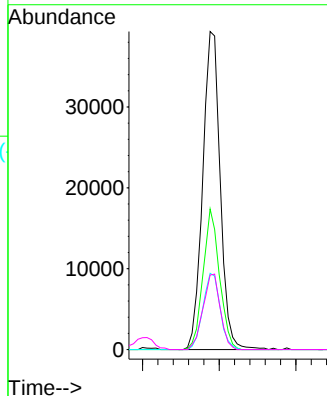
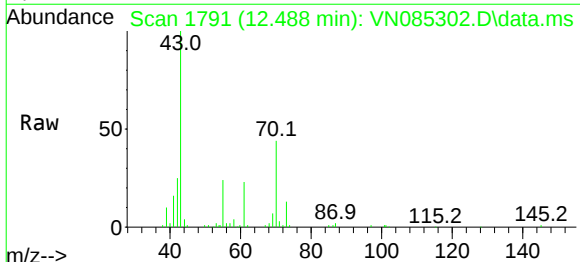
Ion Ratio Lower Upper

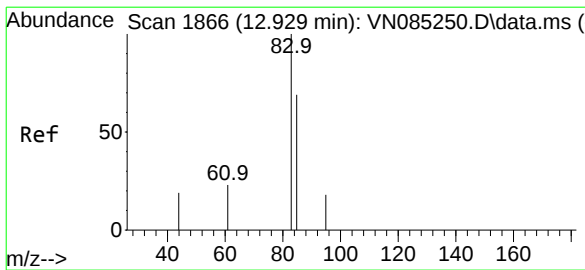
43 100

70 41.4 31.5 47.3

55 23.6 19.0 28.4

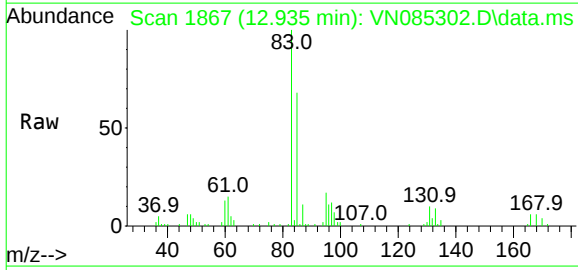
61 23.3 18.1 27.1





#75
1,1,2,2-Tetrachloroethane
Concen: 16.592 ug/l
RT: 12.935 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

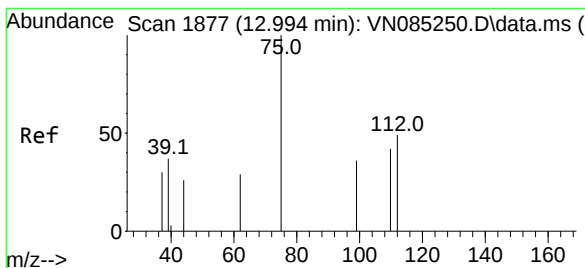
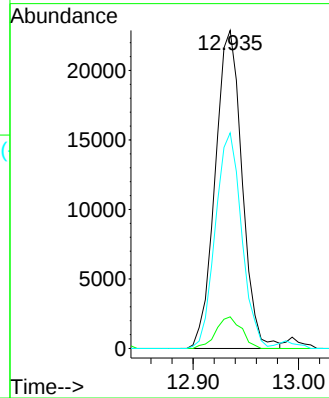
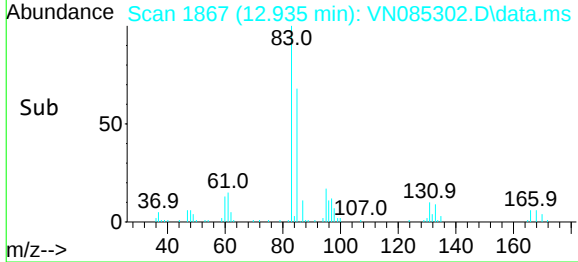
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02



Tgt Ion: 83 Resp: 40584
Ion Ratio Lower Upper
83 100
131 9.5 4.7 14.1
85 66.2 32.5 97.4

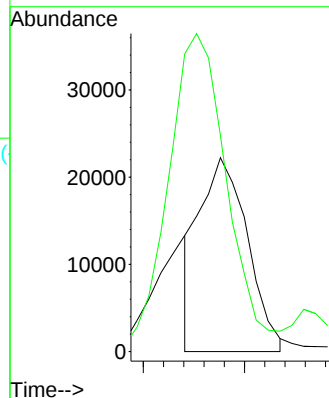
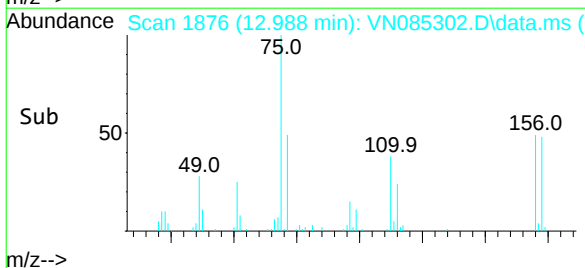
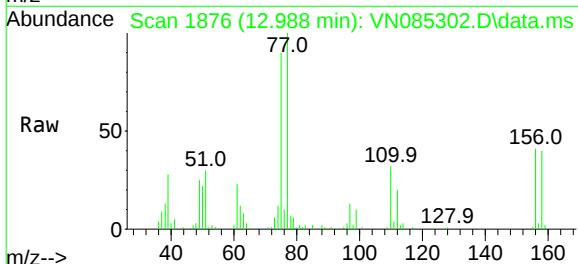
Manual Integrations
APPROVED

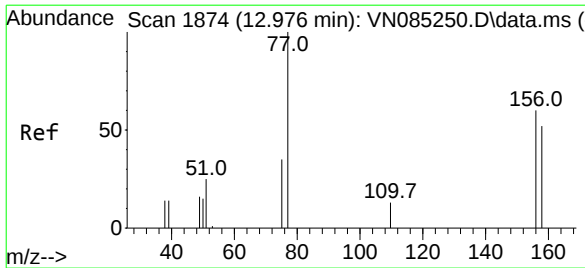
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#76
1,2,3-Trichloropropane
Concen: 16.144 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

Tgt Ion: 75 Resp: 36622
Ion Ratio Lower Upper
75 100
77 201.0 102.6 307.7





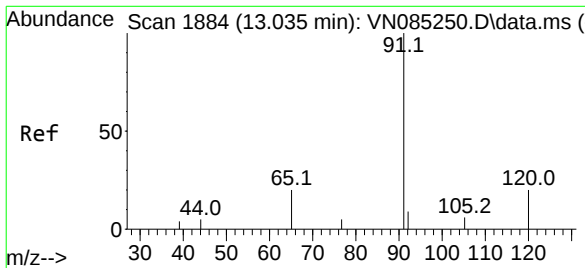
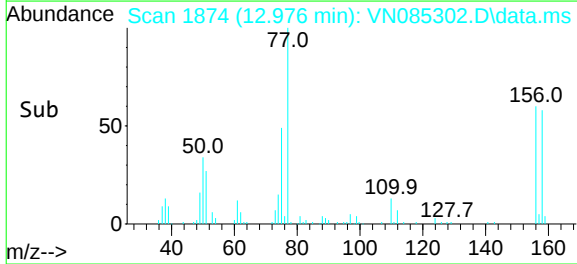
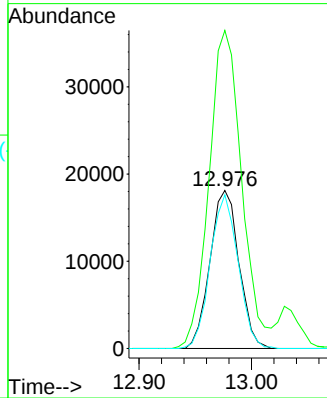
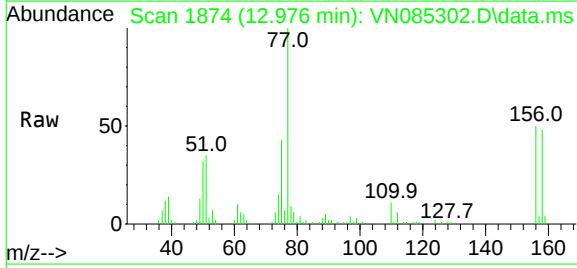
#77
Bromobenzene
Concen: 17.959 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02

Tgt Ion: 156 Resp: 32376
Ion Ratio Lower Upper
156 100
77 227.4 115.8 347.3
158 94.0 47.9 143.7

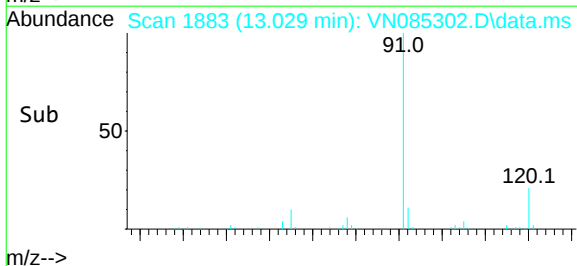
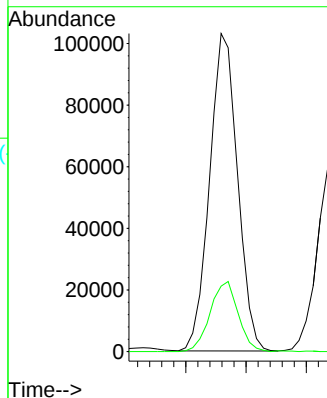
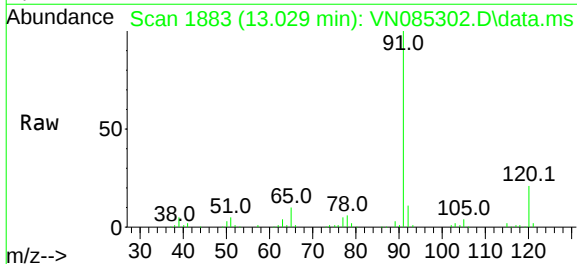
Manual Integrations
APPROVED

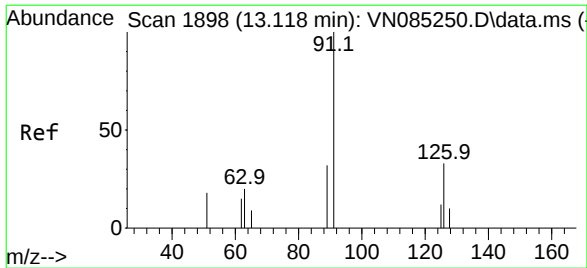
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#78
n-propylbenzene
Concen: 19.716 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

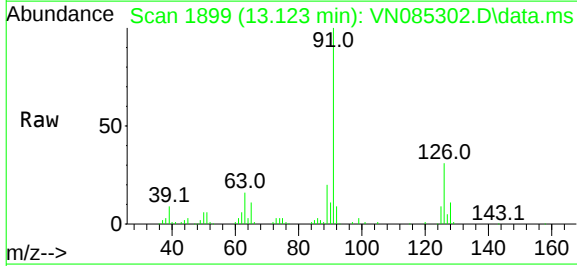
Tgt Ion: 91 Resp: 165997
Ion Ratio Lower Upper
91 100
120 22.1 10.8 32.3





#79
2-Chlorotoluene
Concen: 19.269 ug/l
RT: 13.123 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

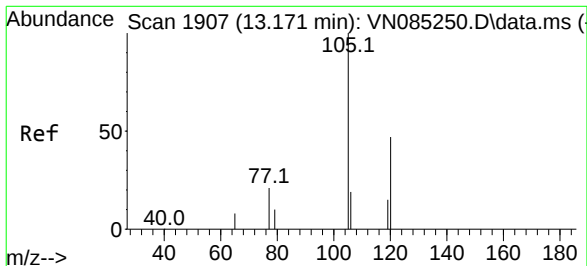
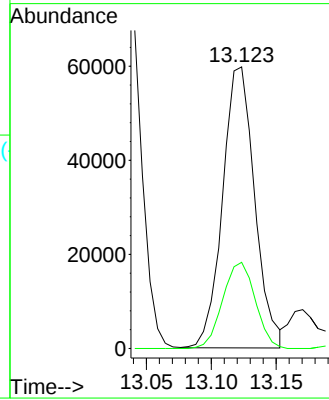
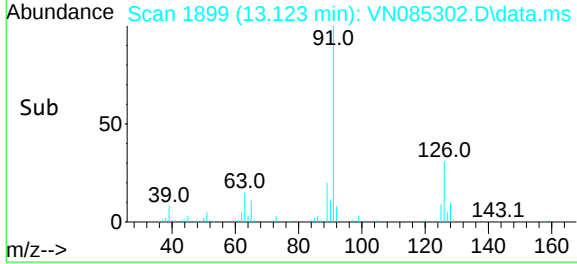
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02



Tgt Ion: 91 Resp: 103005
Ion Ratio Lower Upper
91 100
126 31.0 15.2 45.5

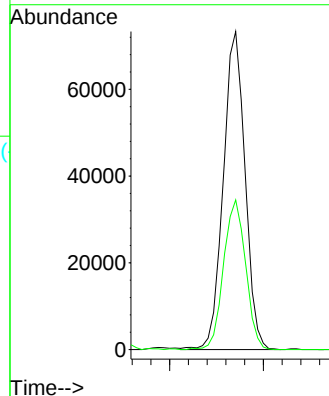
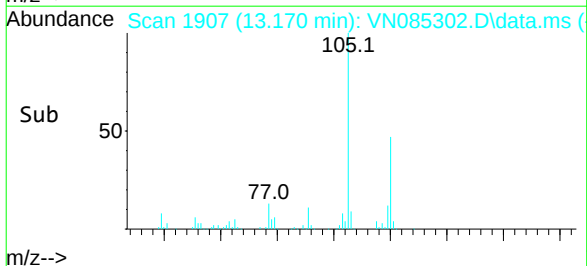
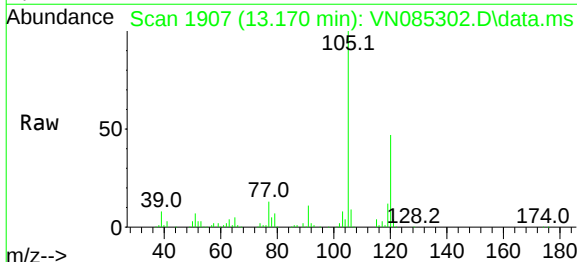
Manual Integrations
APPROVED

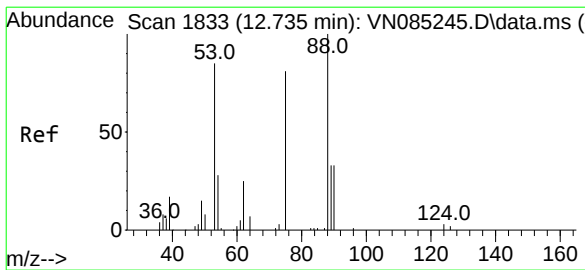
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.638 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

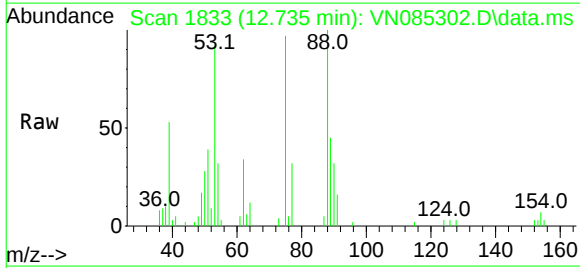
Tgt Ion:105 Resp: 118173
Ion Ratio Lower Upper
105 100
120 47.6 23.4 70.2





#81
trans-1,4-Dichloro-2-butene
Concen: 17.180 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

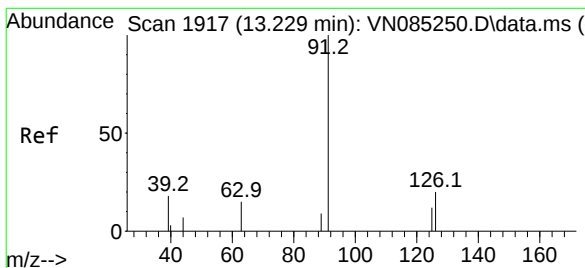
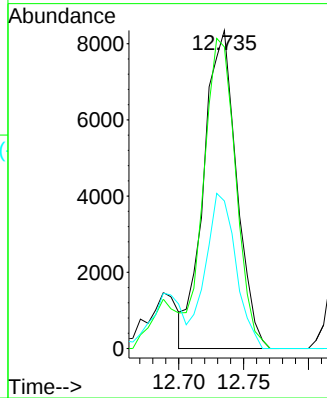
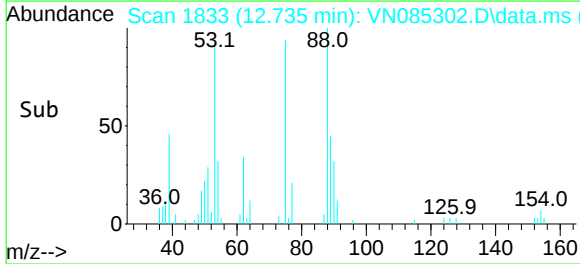
Instrument : MSVOA_N
ClientSampleId : VN1223WBSD02



Tgt Ion: 75 Resp: 14677
Ion Ratio Lower Upper
75 100
53 96.0 84.9 127.3
89 45.2 37.9 56.9

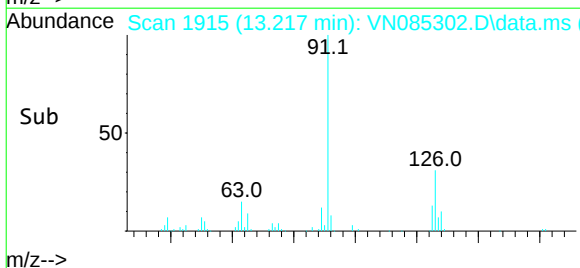
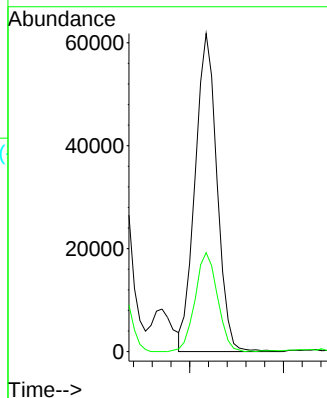
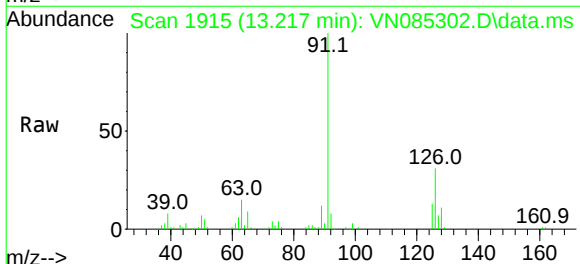
Manual Integrations
APPROVED

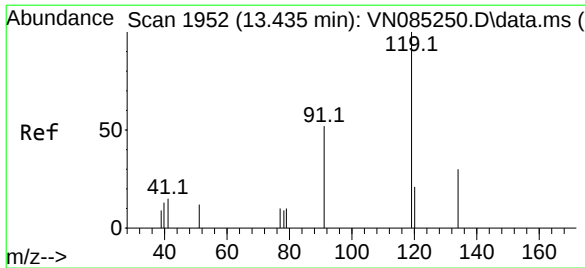
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#82
4-Chlorotoluene
Concen: 18.521 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

Tgt Ion: 91 Resp: 100187
Ion Ratio Lower Upper
91 100
126 31.9 15.6 46.8





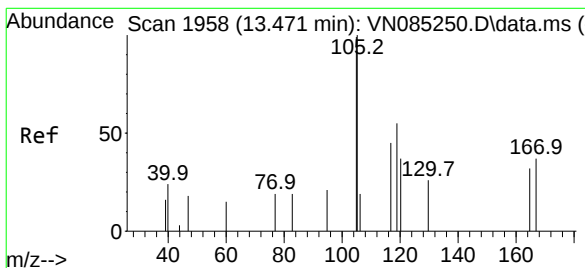
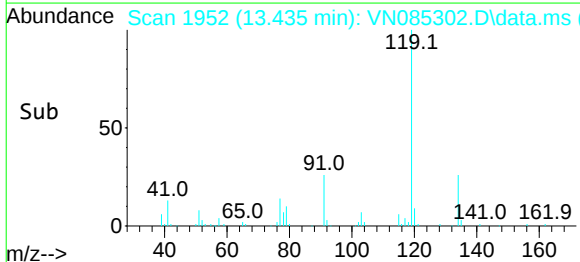
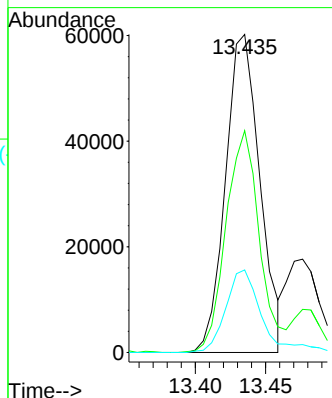
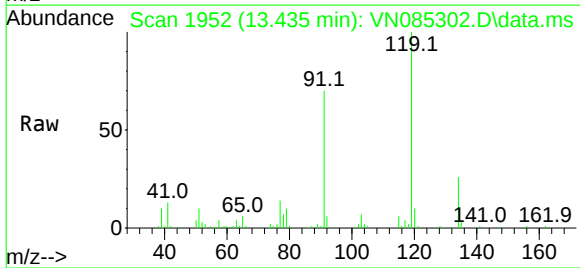
#83
tert-Butylbenzene
Concen: 21.124 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02

Tgt Ion:119 Resp: 102580
Ion Ratio Lower Upper
119 100
91 68.3 36.3 108.7
134 27.1 12.2 36.6

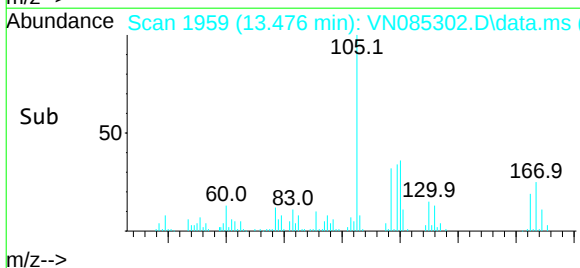
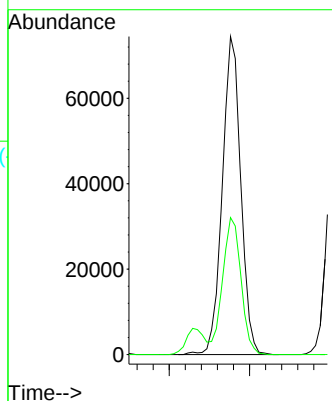
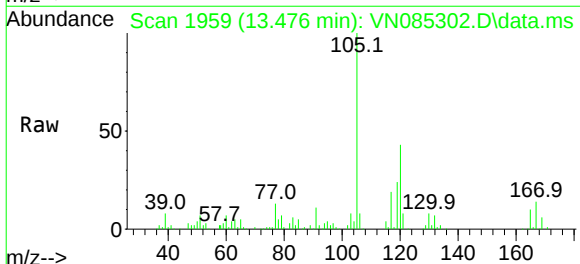
Manual Integrations
APPROVED

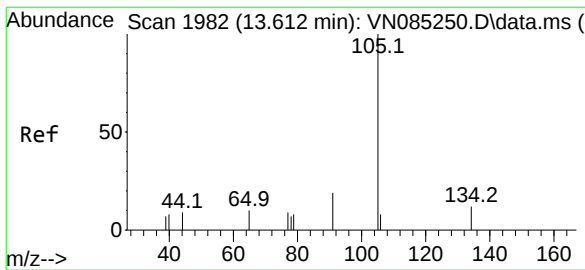
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#84
1,2,4-Trimethylbenzene
Concen: 20.301 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

Tgt Ion:105 Resp: 118825
Ion Ratio Lower Upper
105 100
120 43.4 21.8 65.3





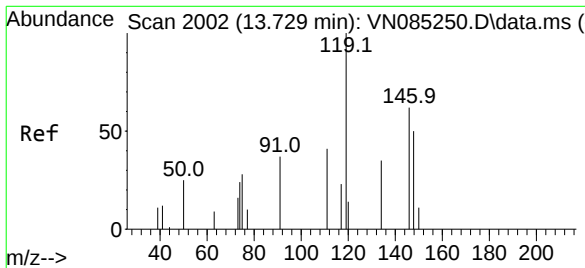
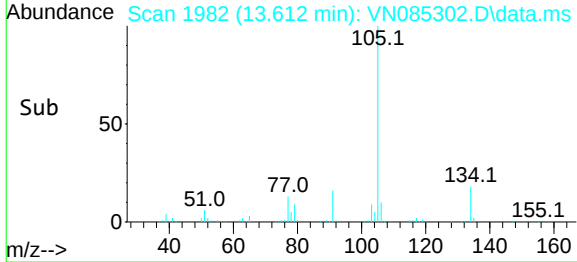
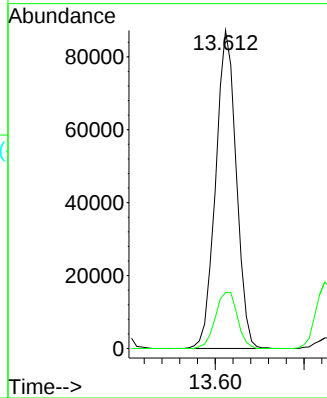
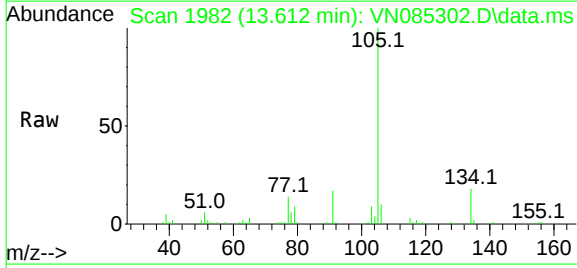
#85
sec-Butylbenzene
Concen: 20.736 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02

Tgt Ion:105 Resp: 140382
Ion Ratio Lower Upper
105 100
134 18.9 9.4 28.3

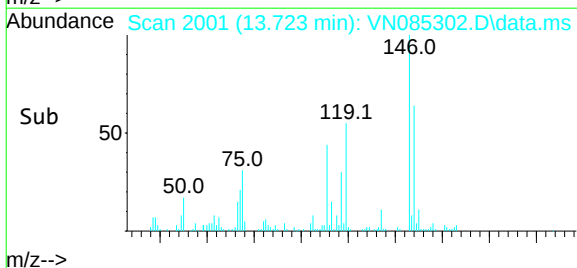
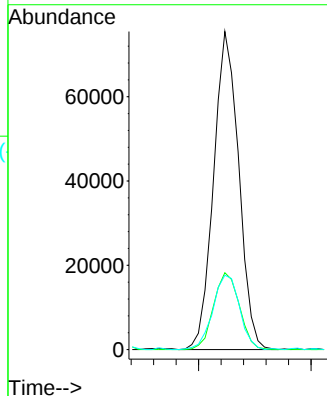
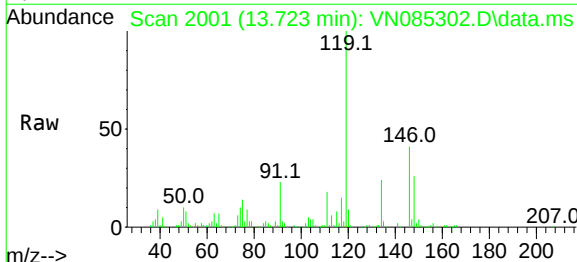
Manual Integrations
APPROVED

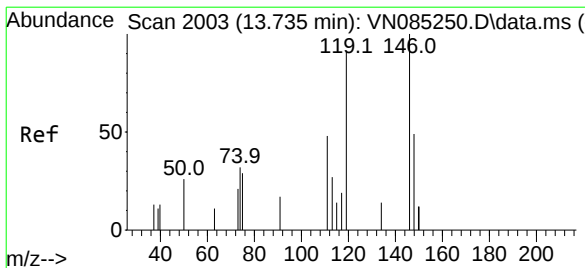
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#86
p-Isopropyltoluene
Concen: 19.138 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

Tgt Ion:119 Resp: 117179
Ion Ratio Lower Upper
119 100
134 24.8 12.5 37.5
91 24.9 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 17.654 ug/l

RT: 13.729 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN085302.D

Acq: 23 Dec 2024 18:24

Instrument :

MSVOA_N

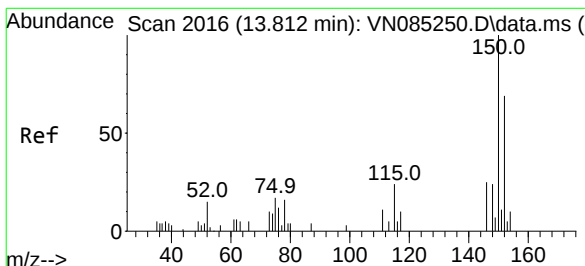
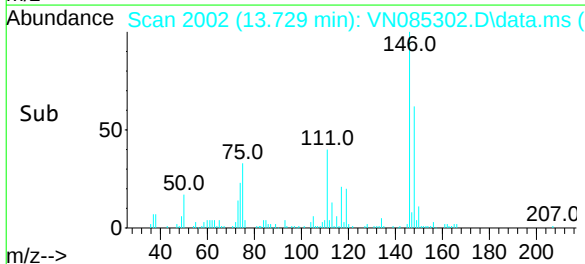
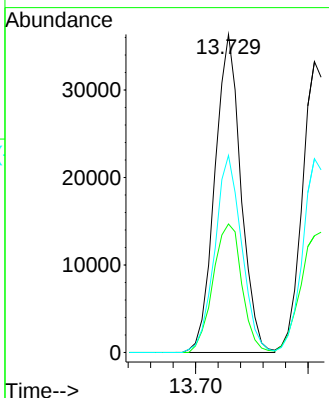
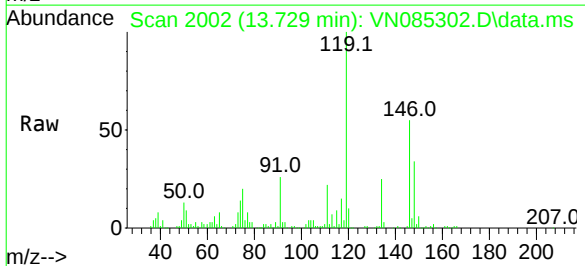
ClientSampleId :

VN1223WBSD02

Tgt Ion:	146	Resp:	58601
Ion Ratio	Lower	Upper	
146	100		
111	44.6	21.5	64.5
148	63.9	31.4	94.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#88

1,4-Dichlorobenzene

Concen: 16.758 ug/l

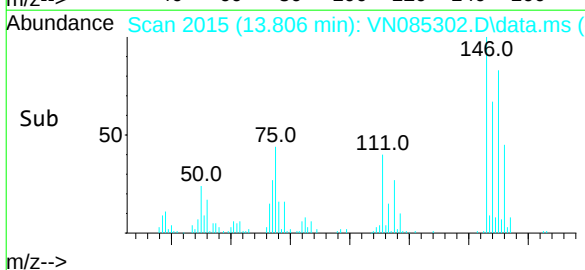
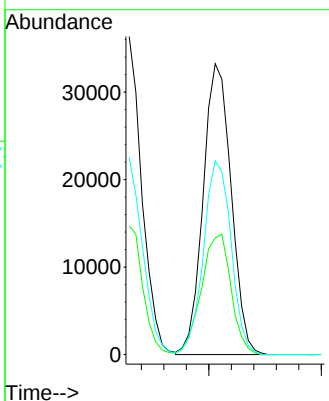
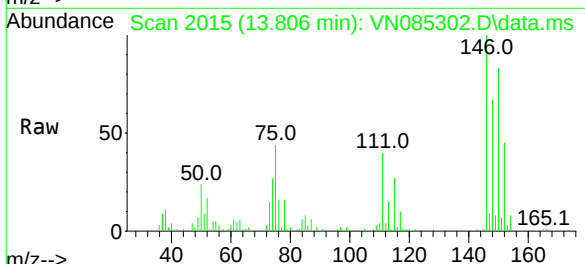
RT: 13.806 min Scan# 2015

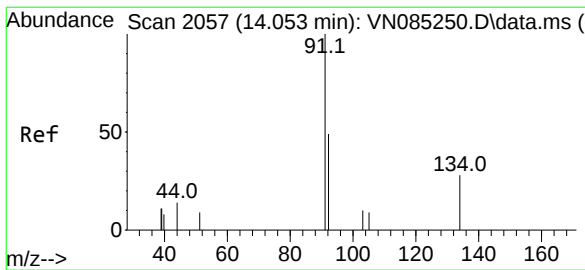
Delta R.T. -0.006 min

Lab File: VN085302.D

Acq: 23 Dec 2024 18:24

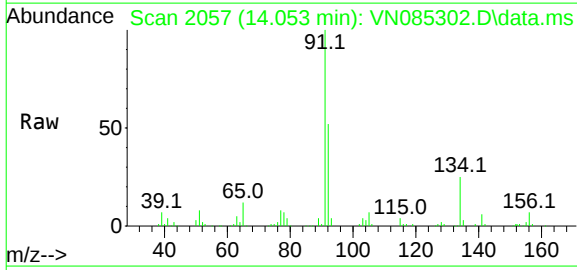
Tgt Ion:	146	Resp:	57557
Ion Ratio	Lower	Upper	
146	100		
111	43.7	20.8	62.5
148	65.8	31.9	95.9





#89
n-Butylbenzene
Concen: 20.481 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

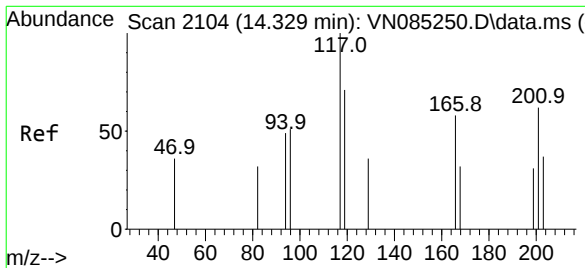
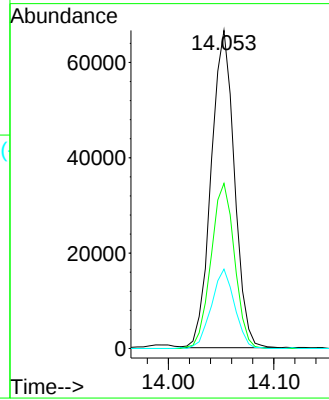
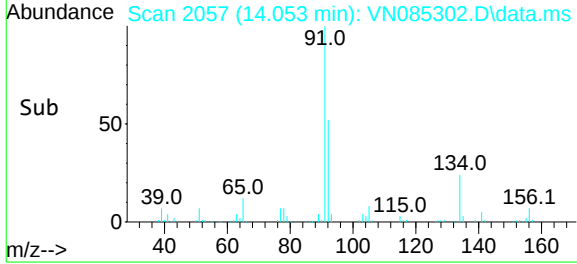
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02



Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.6	25.8	77.3
134	25.1	12.0	36.0

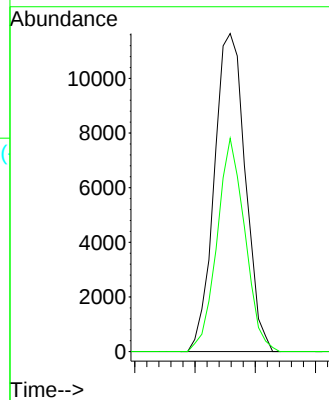
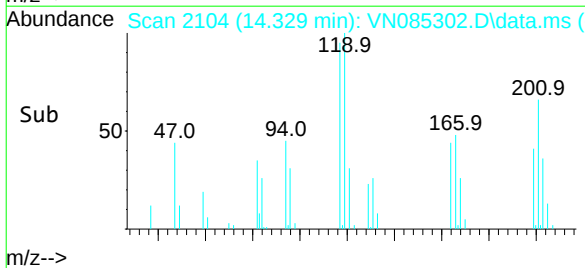
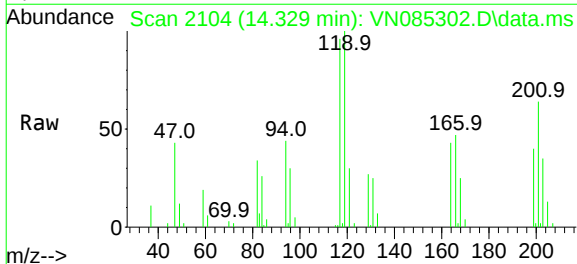
Manual Integrations
APPROVED

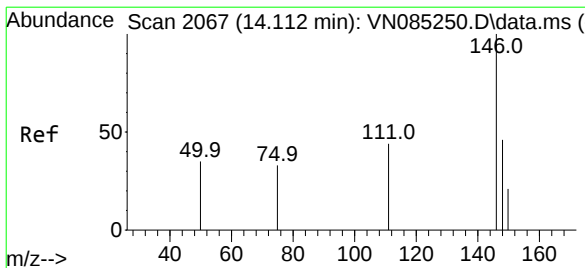
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#90
Hexachloroethane
Concen: 16.765 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

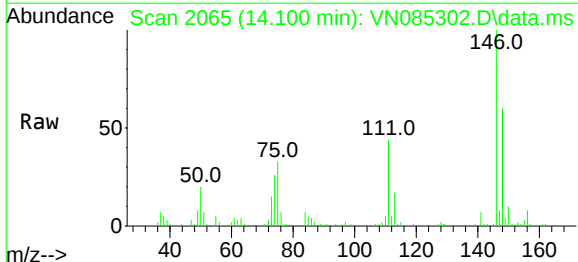
Tgt Ion	Ratio	Lower	Upper
117	100		
201	60.2	31.9	95.7





#91
1,2-Dichlorobenzene
Concen: 18.212 ug/l
RT: 14.100 min Scan# 2067
Delta R.T. -0.006 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

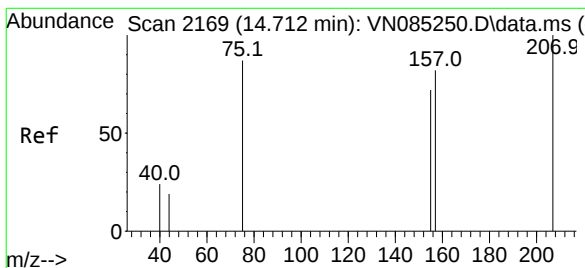
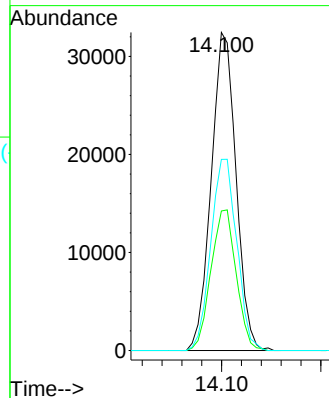
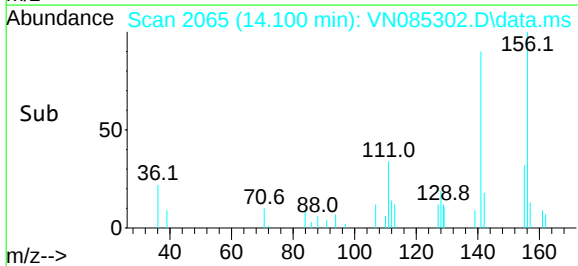
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02



Tgt Ion: 146 Resp: 56225
Ion Ratio Lower Upper
146 100
111 45.1 22.1 66.1
148 63.1 31.9 95.9

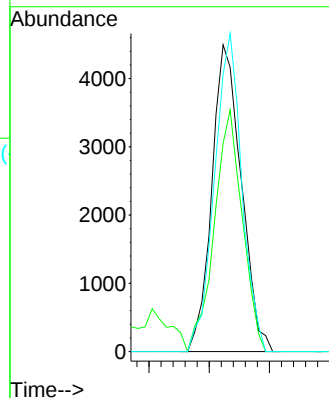
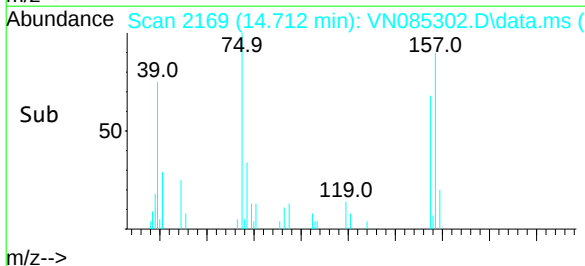
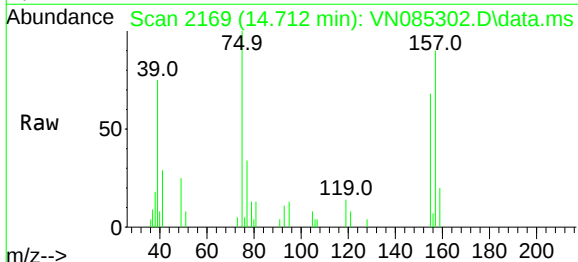
Manual Integrations
APPROVED

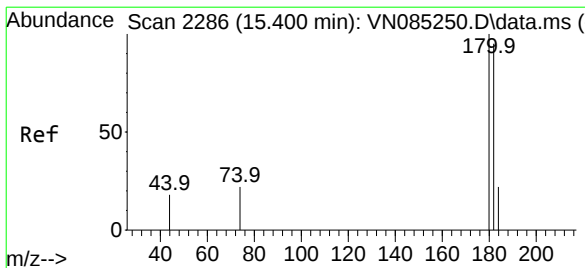
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.266 ug/l
RT: 14.712 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VN085302.D
Acq: 23 Dec 2024 18:24

Tgt Ion: 75 Resp: 7630
Ion Ratio Lower Upper
75 100
155 74.8 35.4 106.2
157 96.2 43.3 129.9





#93

1,2,4-Trichlorobenzene

Concen: 17.896 ug/l

RT: 15.388 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN085302.D

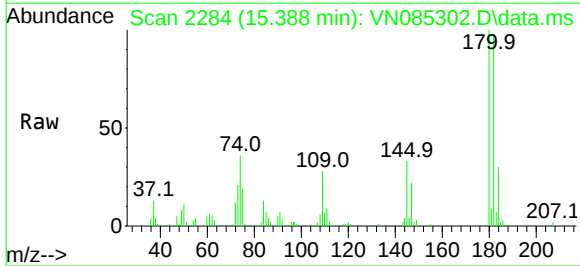
Acq: 23 Dec 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD02



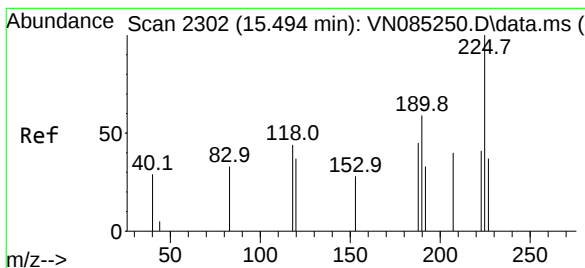
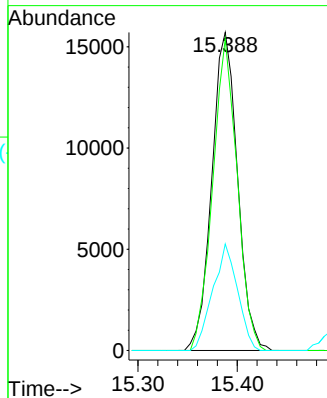
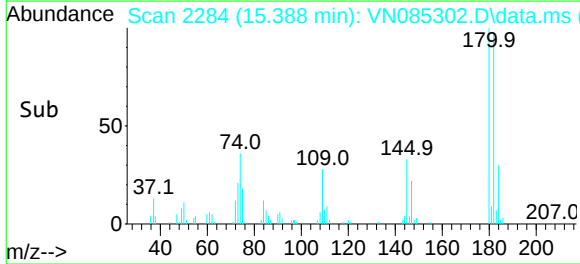
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	46.3	138.8
145	32.3	16.6	49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#94

Hexachlorobutadiene

Concen: 14.772 ug/l

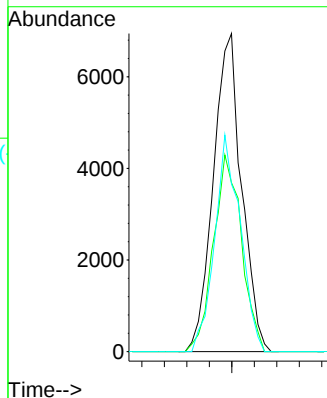
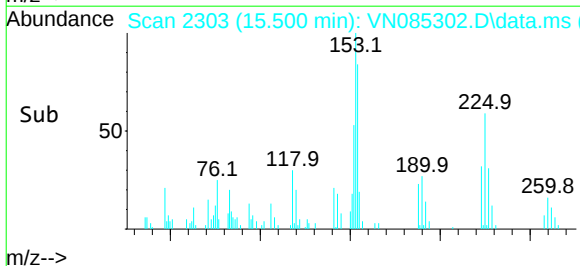
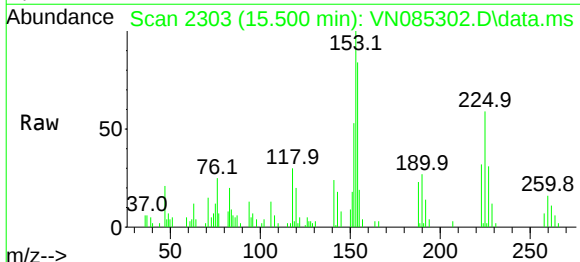
RT: 15.500 min Scan# 2303

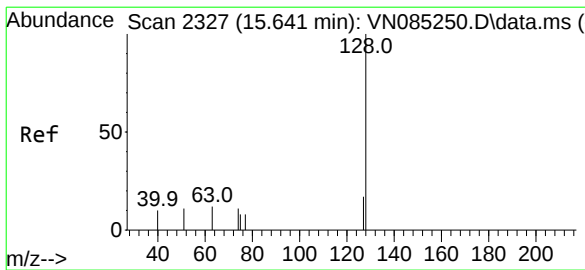
Delta R.T. 0.006 min

Lab File: VN085302.D

Acq: 23 Dec 2024 18:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	34.1	102.2
227	61.6	33.2	99.6





#95

Naphthalene

Concen: 56.799 ug/l

RT: 15.635 min Scan# 23

Delta R.T. -0.006 min

Lab File: VN085302.D

Acq: 23 Dec 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD02

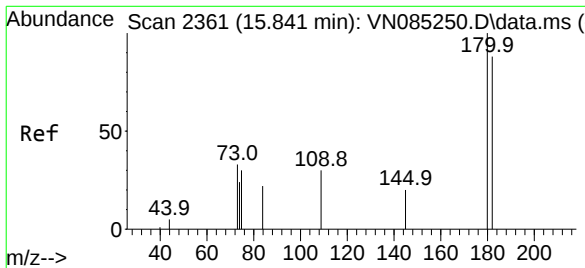
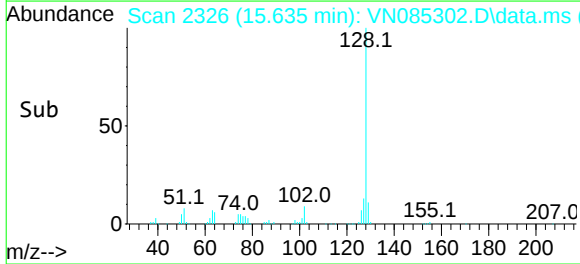
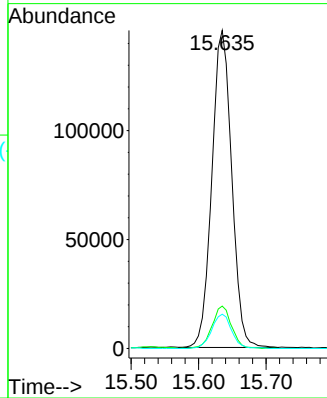
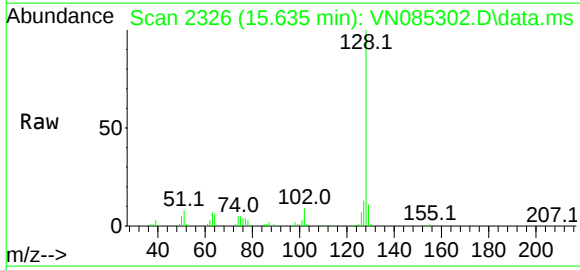
Tgt Ion:	128	Resp:	297260
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#96

1,2,3-Trichlorobenzene

Concen: 16.478 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085302.D

Acq: 23 Dec 2024 18:24

Tgt Ion:	180	Resp:	26011
Ion Ratio	Lower	Upper	
180	100		
182	100.0	46.9	140.6
145	35.9	17.6	52.8

