

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112224\
 Data File : VN085015.D
 Acq On : 22 Nov 2024 18:29
 Operator : JC\MD
 Sample : VN1122WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/25/2024
 Supervised By : Mahesh Dadoda 11/25/2024

Quant Time: Nov 23 03:24:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	153719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	259508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	223400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108827	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	106846	48.797	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.600%
35) Dibromofluoromethane	8.159	113	85398	48.798	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.600%
50) Toluene-d8	10.565	98	309587	49.362	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.720%
62) 4-Bromofluorobenzene	12.847	95	114719	48.912	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	33085	19.034	ug/l	99
3) Chloromethane	2.360	50	35494	17.606	ug/l	99
4) Vinyl Chloride	2.512	62	34115	18.830	ug/l	96
5) Bromomethane	2.901	94	18481	18.200	ug/l	97
6) Chloroethane	3.077	64	21428	17.547	ug/l #	89
7) Trichlorofluoromethane	3.477	101	58228	18.893	ug/l	95
8) Diethyl Ether	3.959	74	20754	19.785	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	33723	19.293	ug/l	98
10) Methyl Iodide	4.577	142	44578	19.267	ug/l	95
11) Tert butyl alcohol	5.530	59	29151	99.627	ug/l #	88
12) 1,1-Dichloroethene	4.330	96	30608	18.760	ug/l	98
13) Acrolein	4.177	56	19496	99.854	ug/l	98
14) Allyl chloride	5.012	41	52326	19.024	ug/l	99
15) Acrylonitrile	5.712	53	81143	97.951	ug/l	99
16) Acetone	4.424	43	65581	102.840	ug/l	95
17) Carbon Disulfide	4.701	76	84086	17.461	ug/l #	94
18) Methyl Acetate	5.018	43	42275	20.054	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	106549	19.987	ug/l	99
20) Methylene Chloride	5.271	84	34817	17.892	ug/l	97
21) trans-1,2-Dichloroethene	5.771	96	32748	19.073	ug/l	98
22) Diisopropyl ether	6.665	45	109050	19.699	ug/l	95
23) Vinyl Acetate	6.595	43	383234	100.349	ug/l	99
24) 1,1-Dichloroethane	6.559	63	62924	18.995	ug/l	98
25) 2-Butanone	7.483	43	103666	99.431	ug/l	100
26) 2,2-Dichloropropane	7.483	77	59239	19.150	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	39073	18.877	ug/l	99
28) Bromochloromethane	7.812	49	22371	17.890	ug/l	97
29) Tetrahydrofuran	7.836	42	67432	104.005	ug/l	98
30) Chloroform	7.959	83	67101	19.042	ug/l	99
31) Cyclohexane	8.253	56	54056	18.533	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	60785	19.088	ug/l	95
36) 1,1-Dichloropropene	8.365	75	44888	18.937	ug/l	98
37) Ethyl Acetate	7.547	43	43569	20.218	ug/l	99
38) Carbon Tetrachloride	8.353	117	54808	20.031	ug/l	92
39) Methylcyclohexane	9.600	83	47079	19.113	ug/l	98
40) Benzene	8.600	78	143964	19.202	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	23884	20.018	ug/l	99
42) 1,2-Dichloroethane	8.665	62	49455	19.282	ug/l	100
43) Isopropyl Acetate	8.683	43	77368	17.284	ug/l	99
44) Trichloroethene	9.347	130	33639	19.307	ug/l	91
45) 1,2-Dichloropropane	9.618	63	35164	19.043	ug/l	95
46) Dibromomethane	9.706	93	24634	19.199	ug/l	99
47) Bromodichloromethane	9.883	83	52128	19.169	ug/l	99
48) Methyl methacrylate	9.677	41	33593	20.168	ug/l	96
49) 1,4-Dioxane	9.694	88	11685	404.518	ug/l #	88
51) 4-Methyl-2-Pentanone	10.441	43	217553	106.407	ug/l	99
52) Toluene	10.630	92	88126	19.856	ug/l	100
53) t-1,3-Dichloropropene	10.830	75	51300	18.816	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	56444	19.515	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	33278	20.130	ug/l	95
56) Ethyl methacrylate	10.871	69	50786	21.023	ug/l	98
57) 1,3-Dichloropropane	11.159	76	55426	19.050	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	109006	91.991	ug/l	100
59) 2-Hexanone	11.194	43	162484	106.260	ug/l	97
60) Dibromochloromethane	11.359	129	40007	19.801	ug/l	96
61) 1,2-Dibromoethane	11.465	107	33745	19.724	ug/l	98
64) Tetrachloroethene	11.100	164	27278	18.121	ug/l	96
65) Chlorobenzene	11.888	112	95092	18.769	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	33775	18.934	ug/l	98
67) Ethyl Benzene	11.965	91	159601	19.417	ug/l	98
68) m/p-Xylenes	12.071	106	121797	38.920	ug/l	100
69) o-Xylene	12.394	106	60507	20.326	ug/l	98
70) Styrene	12.412	104	100850	20.372	ug/l	98
71) Bromoform	12.576	173	25908	19.566	ug/l #	100
73) Isopropylbenzene	12.694	105	150312	19.579	ug/l	100
74) N-ethyl acetate	12.494	43	64567	20.409	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	49220	18.775	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	39543m	19.976	ug/l	
77) Bromobenzene	12.976	156	39028	18.890	ug/l	99
78) n-propylbenzene	13.035	91	174563	19.713	ug/l	99
79) 2-Chlorotoluene	13.124	91	116299	19.674	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	129835	20.154	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17673	19.709	ug/l	97
82) 4-Chlorotoluene	13.218	91	116103	18.867	ug/l	100
83) tert-Butylbenzene	13.435	119	106468	19.208	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	130906	19.740	ug/l	99
85) sec-Butylbenzene	13.612	105	147959	19.760	ug/l	98
86) p-Isopropyltoluene	13.729	119	124747	20.182	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	70666	17.341	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	71136	17.106	ug/l	96
89) n-Butylbenzene	14.053	91	104292	18.143	ug/l	98
90) Hexachloroethane	14.329	117	24680	18.317	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	68419	17.521	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.718	75	9550	18.838	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	33545	15.812	ug/l	97
94) Hexachlorobutadiene	15.500	225	16733	17.091	ug/l	97
95) Naphthalene	15.641	128	106039	17.550	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	33788	16.692	ug/l	99

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MSVOA_N
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VN1122WBSD01

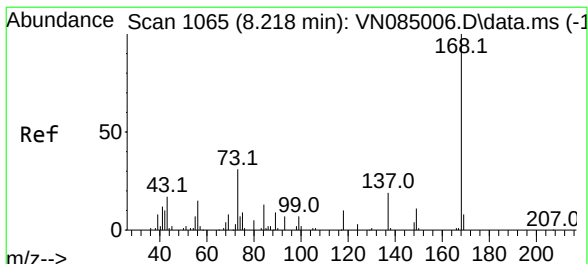
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/25/2024

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Quant Title : SW846 8260
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Response via : Initial Calibration

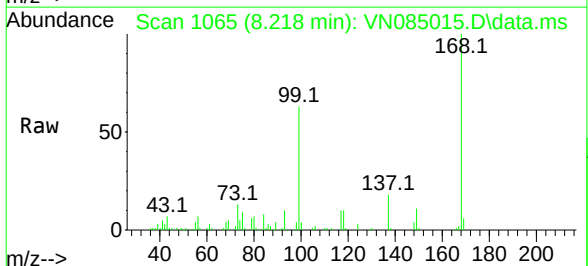
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
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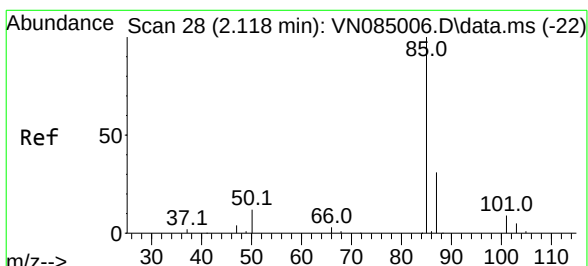
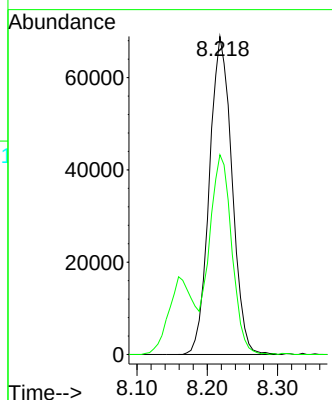
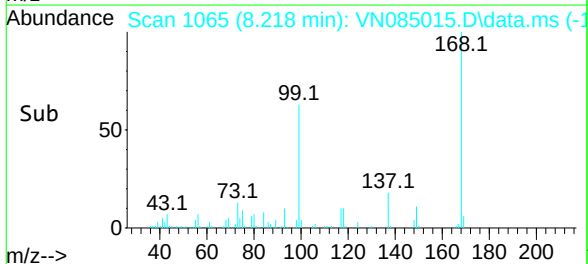
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



Tgt Ion:168 Resp: 153719
Ion Ratio Lower Upper
168 100
99 62.8 51.2 76.8

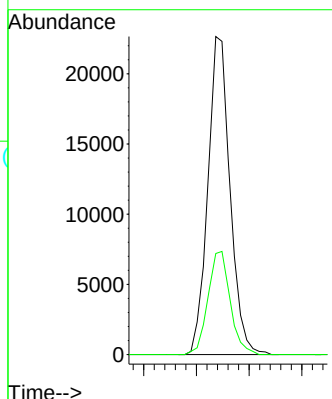
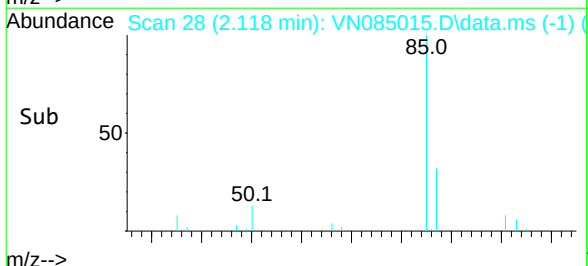
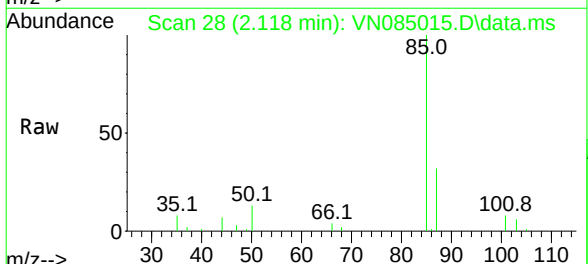
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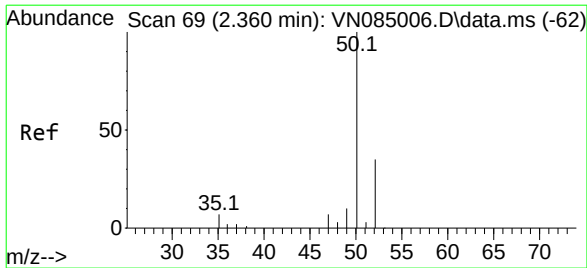
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#2
Dichlorodifluoromethane
Concen: 19.034 ug/l
RT: 2.118 min Scan# 28
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

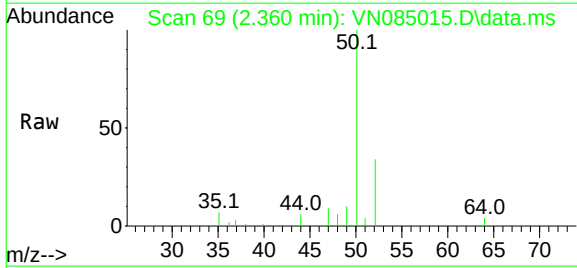
Tgt Ion: 85 Resp: 33085
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.1





#3
Chloromethane
Concen: 17.606 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

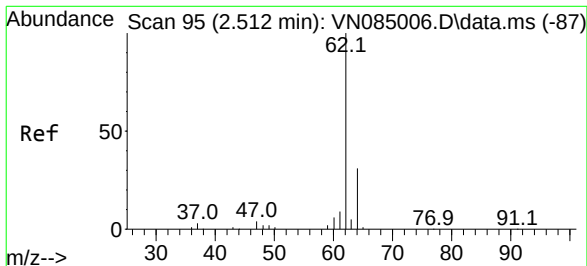
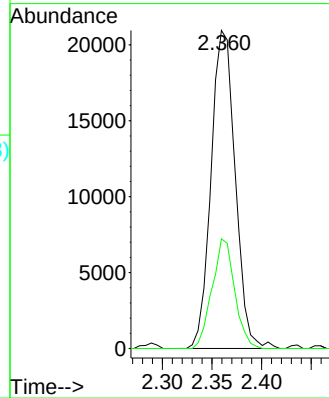
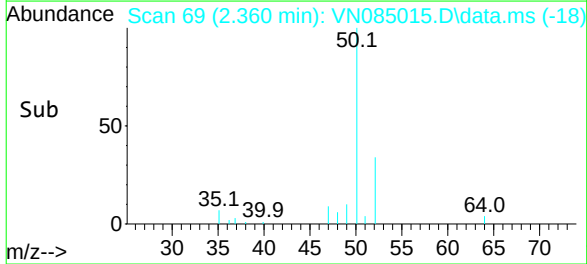
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 35494
Ion Ratio Lower Upper
50 100
52 34.5 27.8 41.8

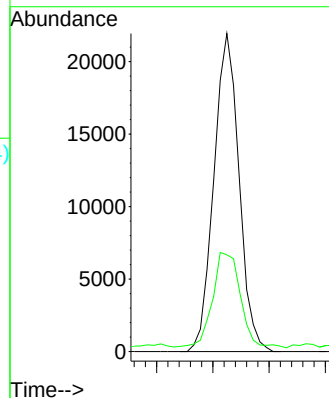
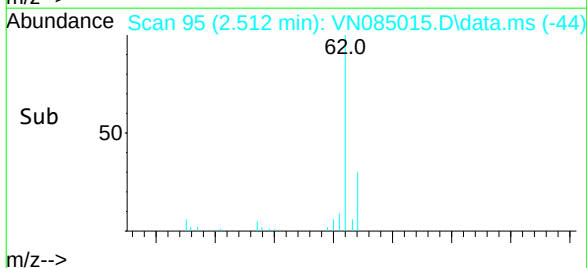
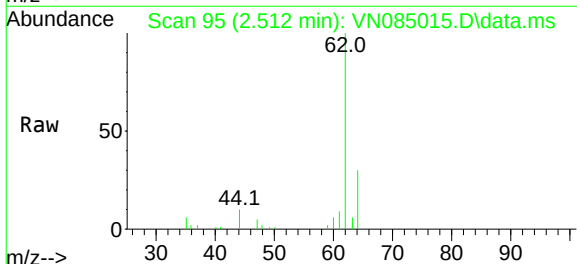
Manual Integrations
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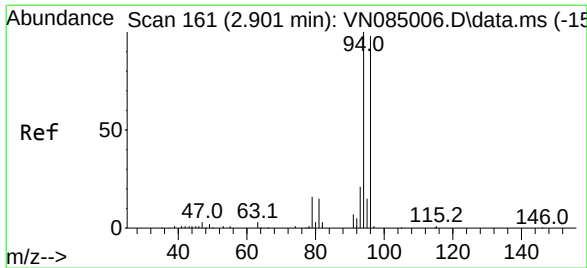
Reviewed By :John Carlone 11/25/2024
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#4
Vinyl Chloride
Concen: 18.830 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Tgt Ion: 62 Resp: 34115
Ion Ratio Lower Upper
62 100
64 28.8 24.6 36.8





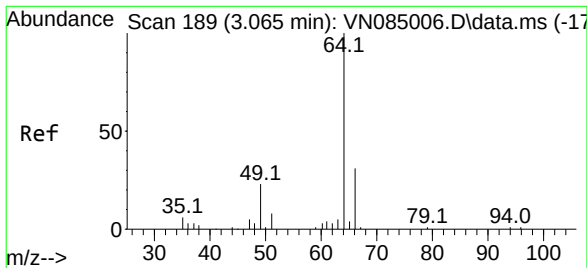
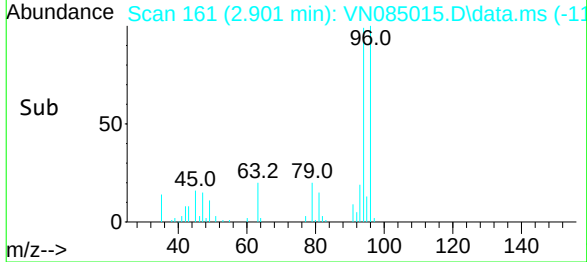
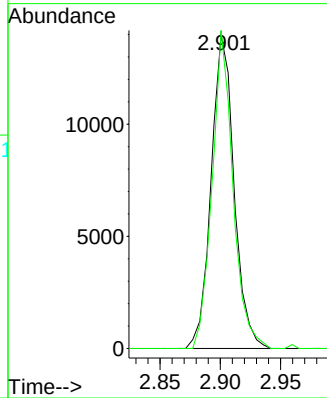
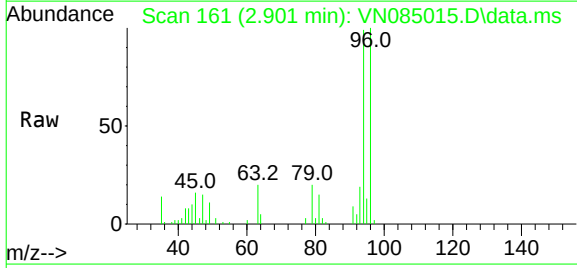
#5
Bromomethane
Concen: 18.200 ug/l
RT: 2.901 min Scan# 161
Delta R.T. 0.000 min
Lab File: VN085015.D
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ClientSampleId :
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Tgt Ion: 94 Resp: 18481
Ion Ratio Lower Upper
94 100
96 101.4 78.7 118.1

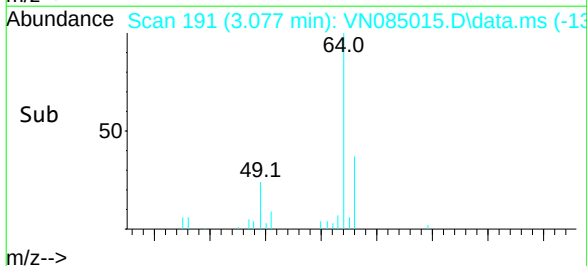
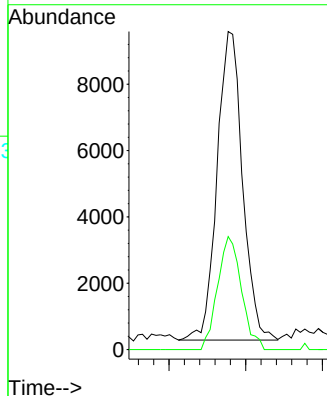
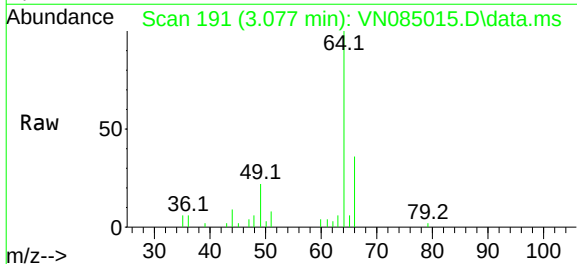
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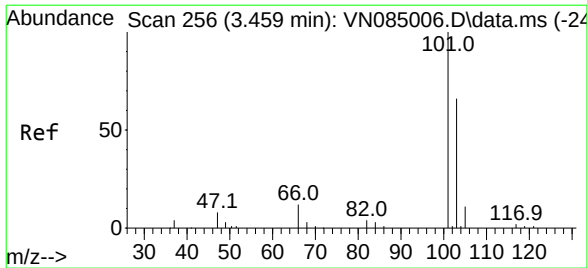
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#6
Chloroethane
Concen: 17.547 ug/l
RT: 3.077 min Scan# 191
Delta R.T. 0.012 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

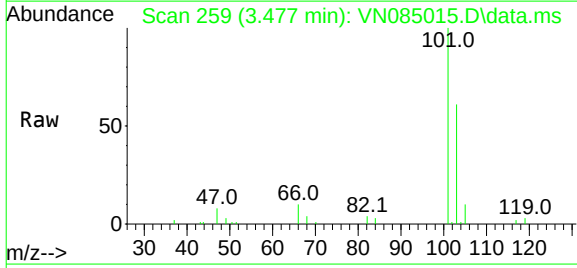
Tgt Ion: 64 Resp: 21428
Ion Ratio Lower Upper
64 100
66 36.6 24.4 36.6#





#7
 Trichlorofluoromethane
 Concen: 18.893 ug/l
 RT: 3.477 min Scan# 256
 Delta R.T. 0.018 min
 Lab File: VN085015.D
 Acq: 22 Nov 2024 18:29

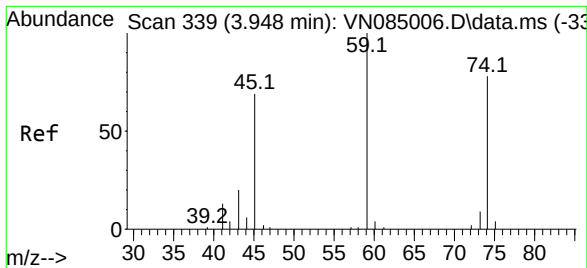
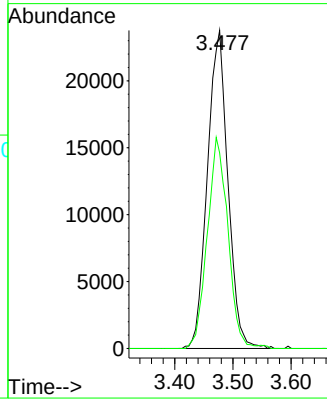
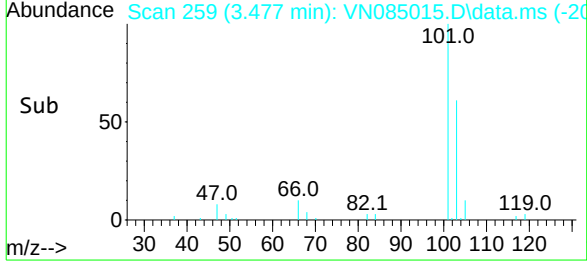
Instrument :
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 VN1122WBSD01



Tgt Ion: 101 Resp: 58228
 Ion Ratio Lower Upper
 101 100
 103 61.5 52.6 78.8

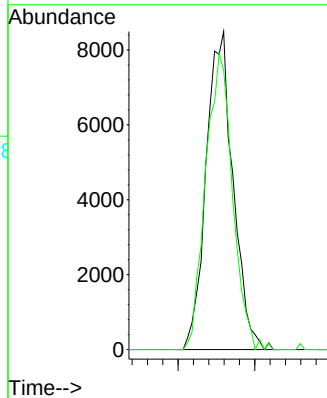
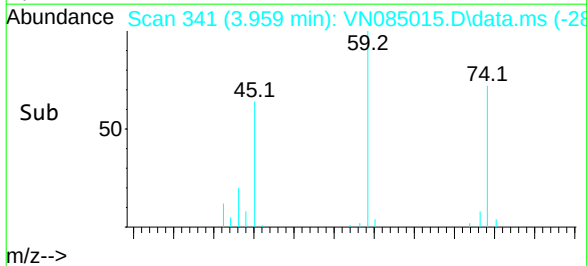
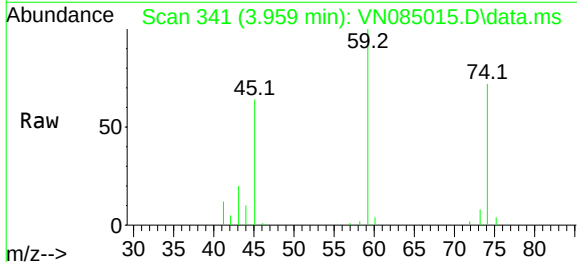
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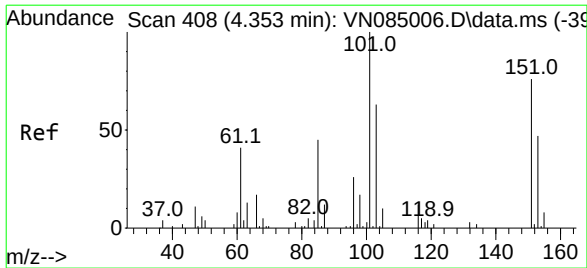
Reviewed By : John Carlone 11/25/2024
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#8
 Diethyl Ether
 Concen: 19.785 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.012 min
 Lab File: VN085015.D
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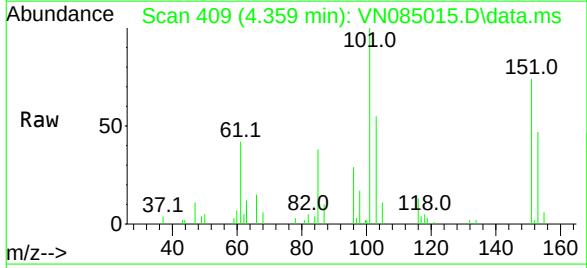
Tgt Ion: 74 Resp: 20754
 Ion Ratio Lower Upper
 74 100
 45 93.0 46.7 140.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.293 ug/l
RT: 4.359 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN085015.D
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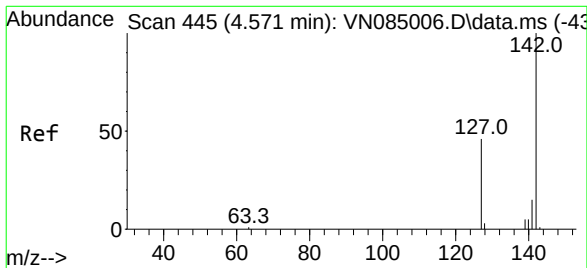
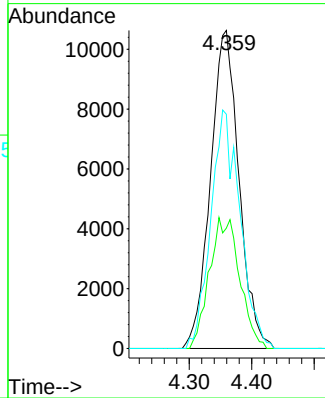
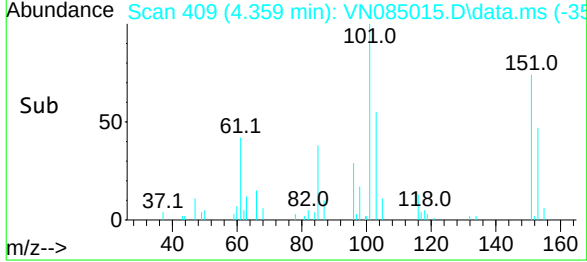
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ClientSampleId :
VN1122WBSD01



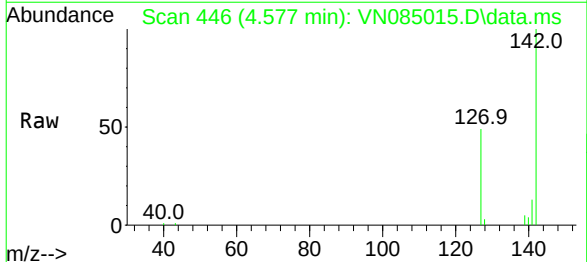
Tgt Ion:101 Resp: 33723
Ion Ratio Lower Upper
101 100
85 43.6 36.9 55.3
151 76.7 60.8 91.2

Manual Integrations
APPROVED

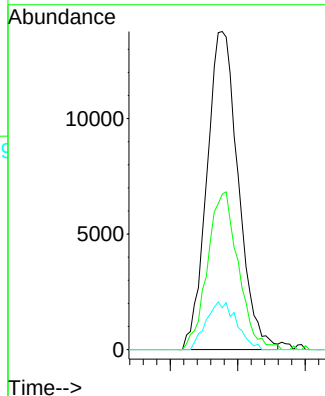
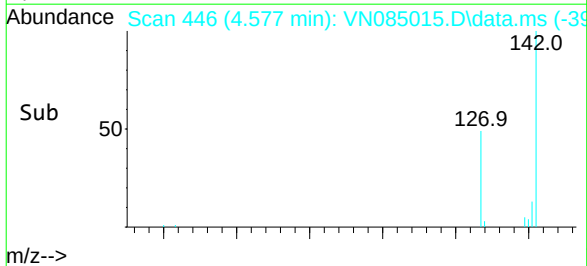
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

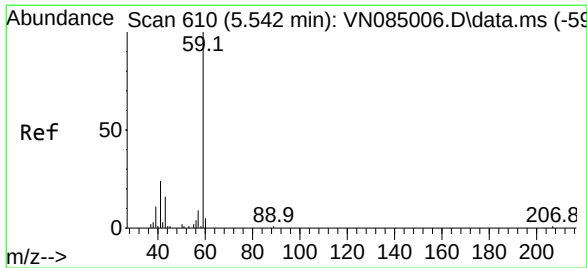


#10
Methyl Iodide
Concen: 19.267 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.006 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29



Tgt Ion:142 Resp: 44578
Ion Ratio Lower Upper
142 100
127 48.8 36.6 54.8
141 13.1 12.2 18.4





#11

Tert butyl alcohol

Concen: 99.627 ug/l

RT: 5.530 min Scan# 608

Delta R.T. -0.012 min

Lab File: VN085015.D

Acq: 22 Nov 2024 18:29

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

Tgt Ion: 59 Resp: 29151

Ion Ratio Lower Upper

59 100

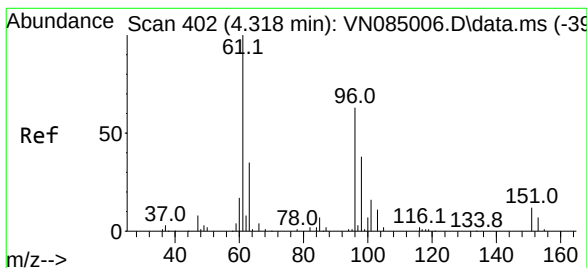
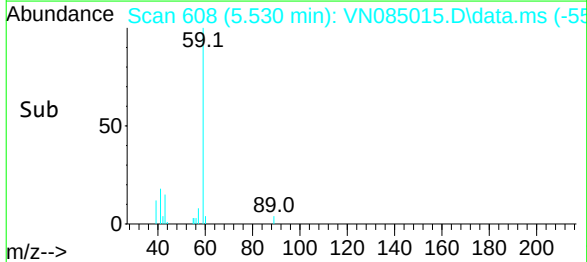
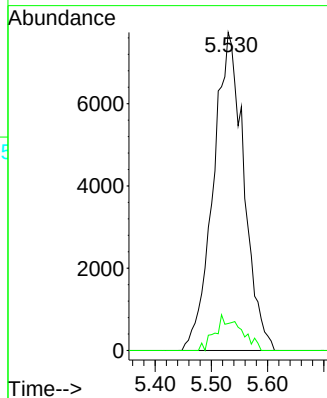
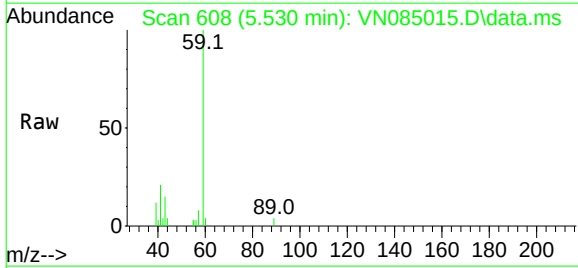
57 4.8 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#12

1,1-Dichloroethene

Concen: 18.760 ug/l

RT: 4.330 min Scan# 404

Delta R.T. 0.012 min

Lab File: VN085015.D

Acq: 22 Nov 2024 18:29

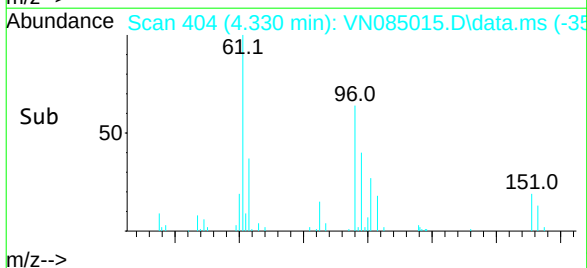
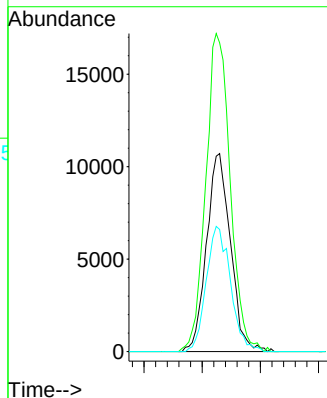
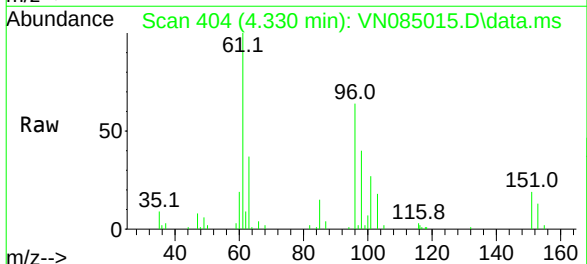
Tgt Ion: 96 Resp: 30608

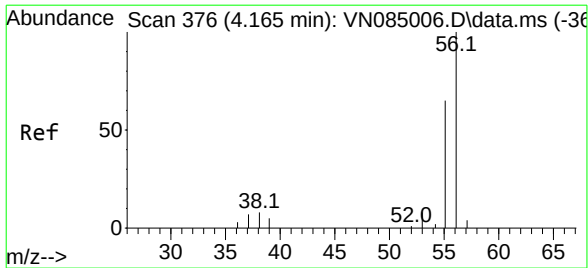
Ion Ratio Lower Upper

96 100

61 155.9 127.8 191.8

98 61.7 49.2 73.8





#13

Acrolein

Concen: 99.854 ug/l

RT: 4.177 min Scan# 37

Delta R.T. 0.012 min

Lab File: VN085015.D

Acq: 22 Nov 2024 18:29

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

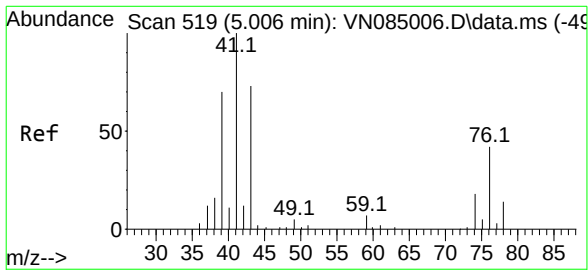
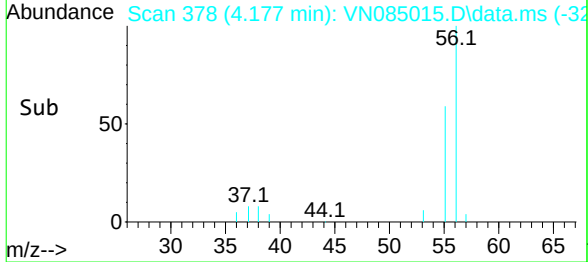
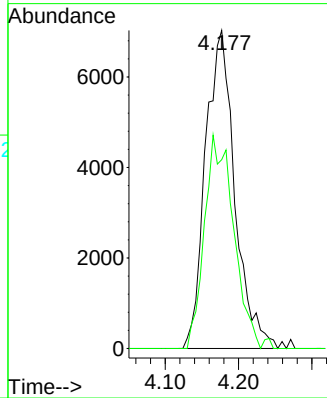
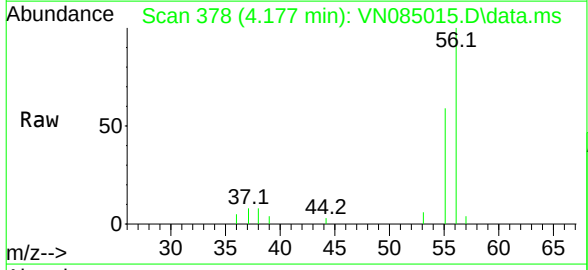
Tgt Ion:	56	Resp:	19496
Ion	Ratio	Lower	Upper
56	100		
55	66.5	54.5	81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#14

Allyl chloride

Concen: 19.024 ug/l

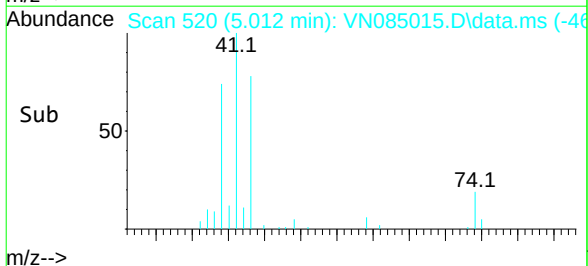
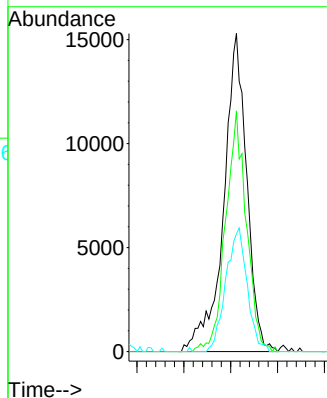
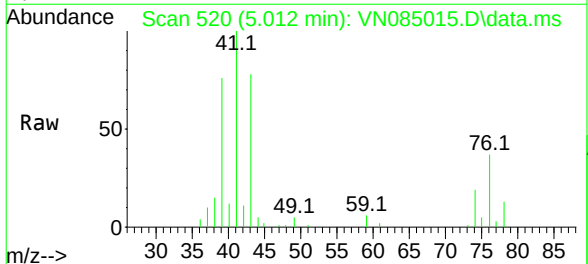
RT: 5.012 min Scan# 520

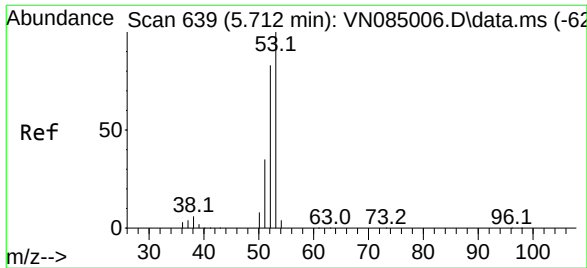
Delta R.T. 0.006 min

Lab File: VN085015.D

Acq: 22 Nov 2024 18:29

Tgt Ion:	41	Resp:	52326
Ion	Ratio	Lower	Upper
41	100		
39	68.1	53.8	80.8
76	35.8	29.3	43.9





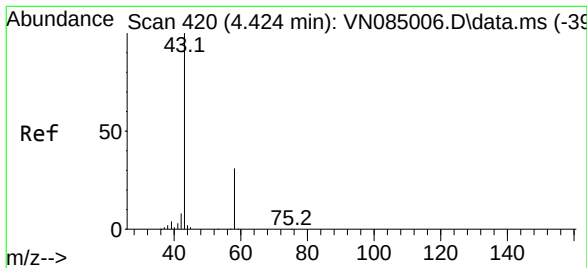
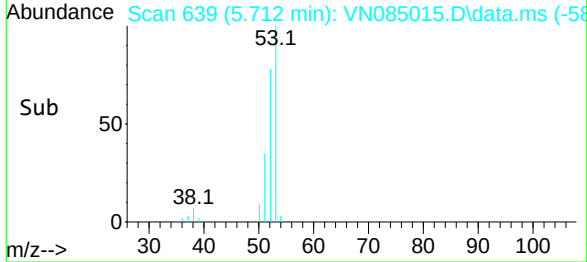
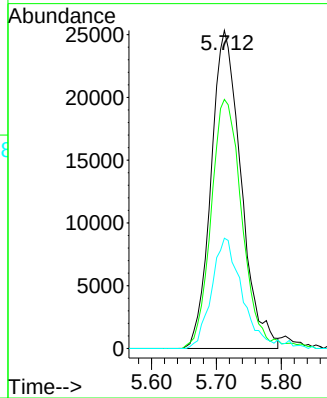
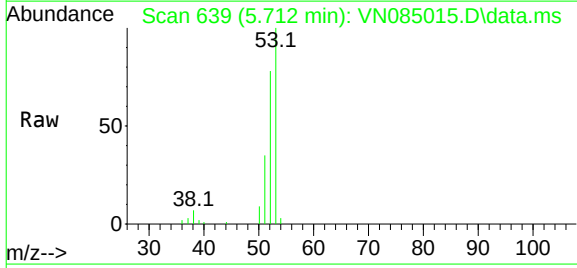
#15
Acrylonitrile
Concen: 97.951 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.5	98.3
51	36.3	28.4	42.6

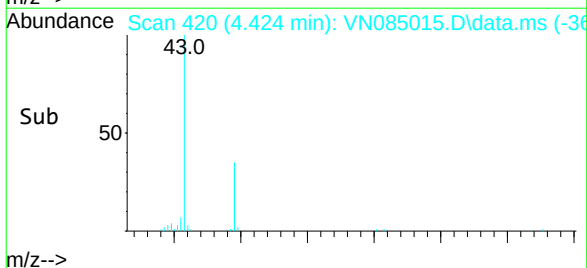
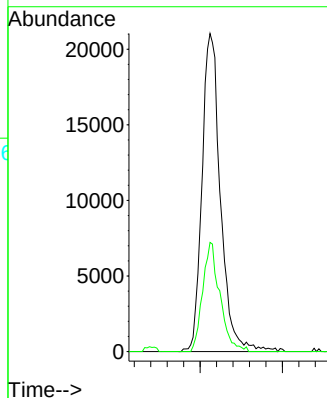
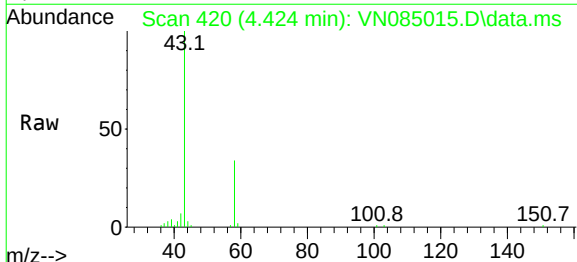
Manual Integrations
APPROVED

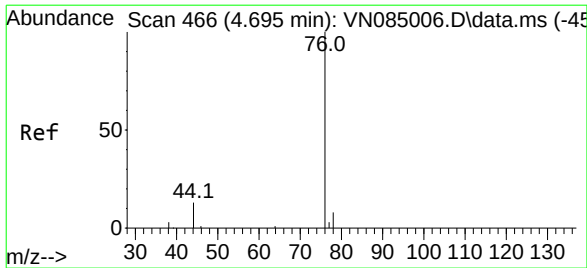
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#16
Acetone
Concen: 102.840 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.3	25.4	38.2





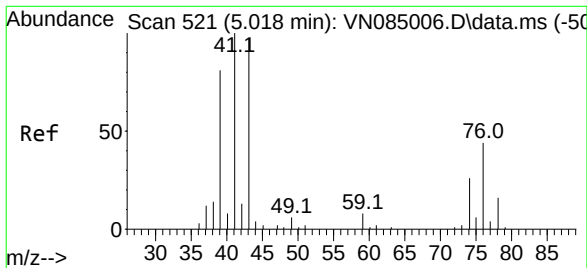
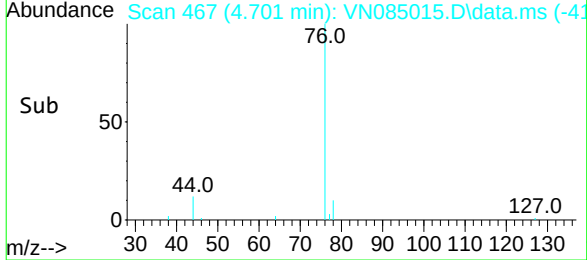
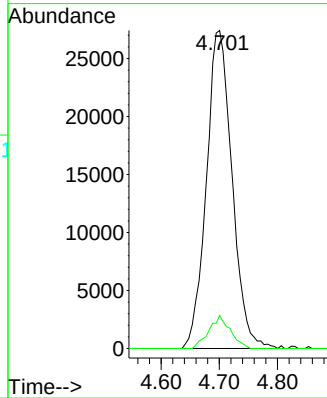
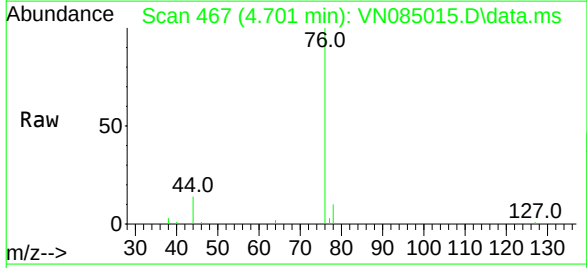
#17
Carbon Disulfide
Concen: 17.461 ug/l
RT: 4.701 min Scan# 46
Delta R.T. 0.006 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion: 76 Resp: 84086
Ion Ratio Lower Upper
76 100
78 10.4 6.5 9.7#

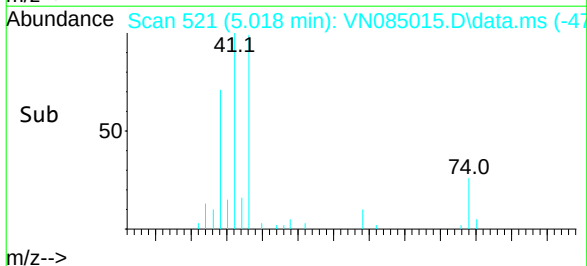
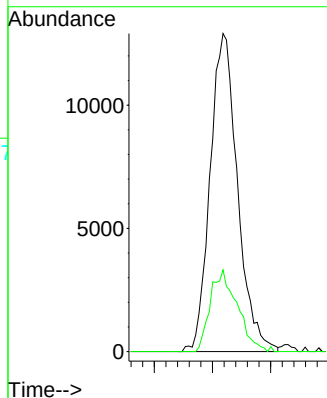
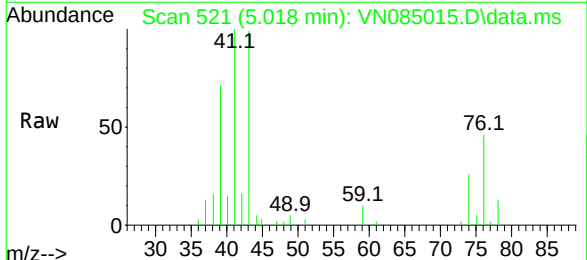
Manual Integrations
APPROVED

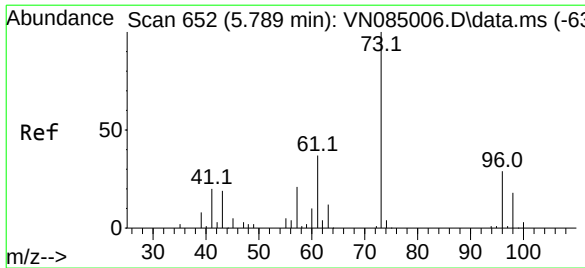
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#18
Methyl Acetate
Concen: 20.054 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Tgt Ion: 43 Resp: 42275
Ion Ratio Lower Upper
43 100
74 25.1 20.1 30.1





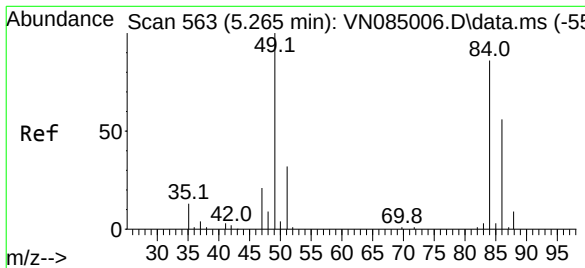
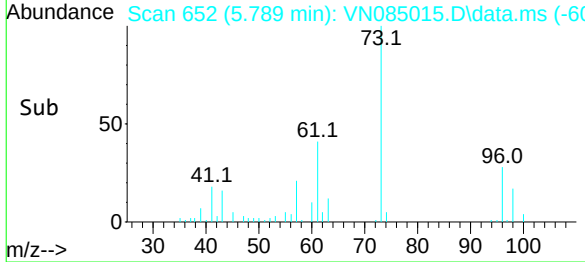
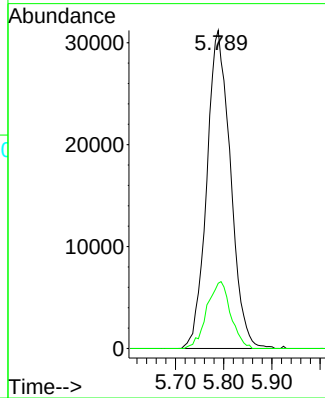
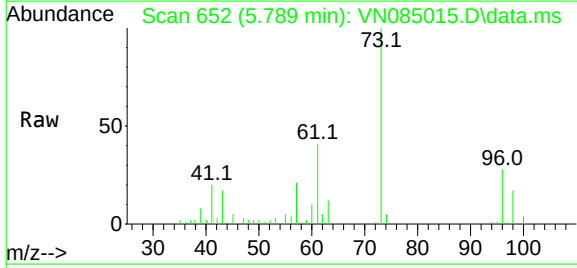
#19
Methyl tert-butyl Ether
Concen: 19.987 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion: 73 Resp: 106549
Ion Ratio Lower Upper
73 100
57 20.5 17.0 25.4

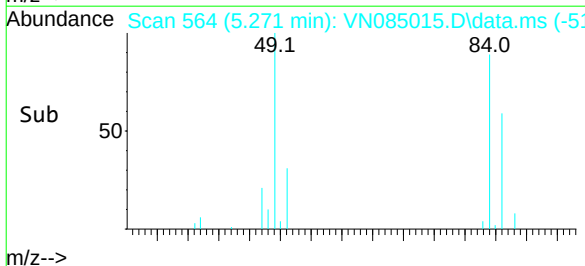
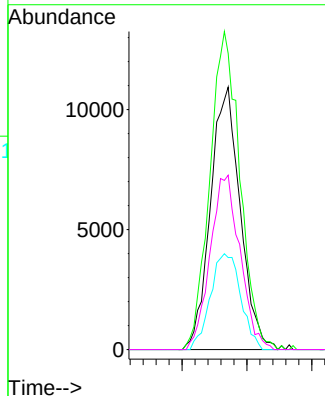
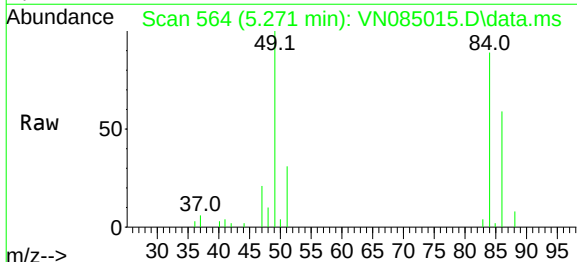
Manual Integrations
APPROVED

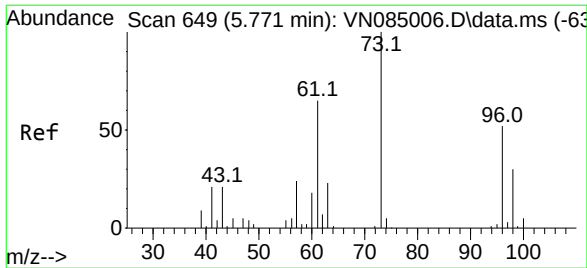
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#20
Methylene Chloride
Concen: 17.892 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

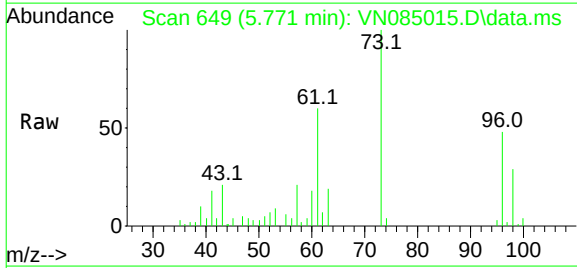
Tgt Ion: 84 Resp: 34817
Ion Ratio Lower Upper
84 100
49 112.8 92.7 139.1
51 35.1 29.4 44.2
86 66.4 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 19.073 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

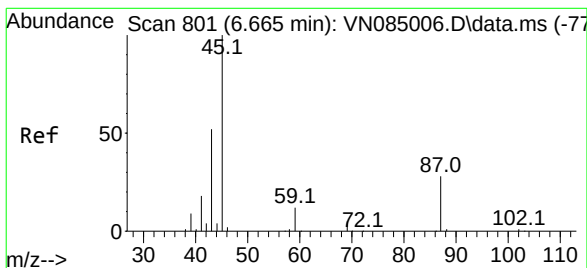
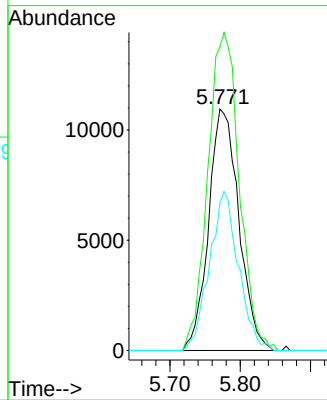
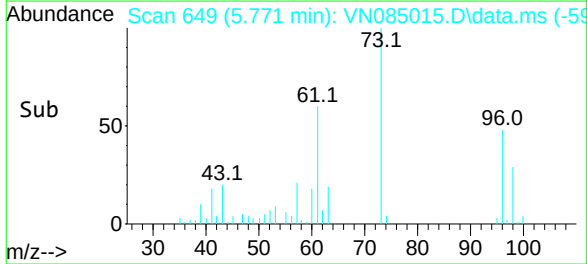
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



Tgt Ion: 96 Resp: 32748
Ion Ratio Lower Upper
96 100
61 125.8 100.7 151.1
98 60.9 45.8 68.6

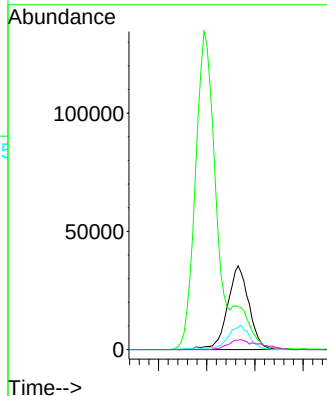
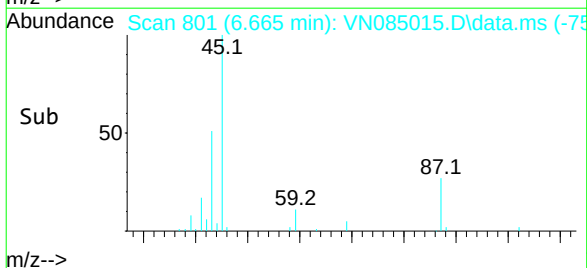
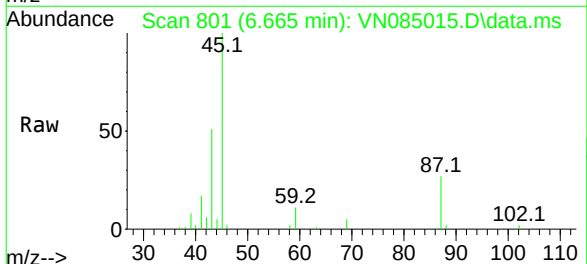
Manual Integrations
APPROVED

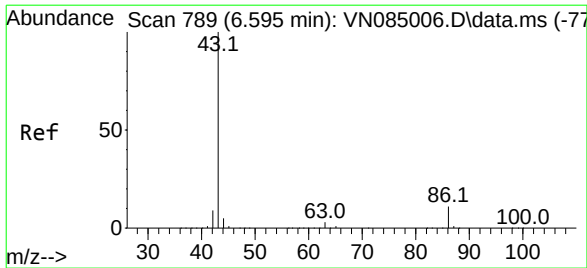
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#22
Diisopropyl ether
Concen: 19.699 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Tgt Ion: 45 Resp: 109050
Ion Ratio Lower Upper
45 100
43 48.6 42.7 64.1
87 26.6 22.6 34.0
59 11.1 9.9 14.9





#23

Vinyl Acetate

Concen: 100.349 ug/l

RT: 6.595 min Scan# 789

Delta R.T. 0.000 min

Lab File: VN085015.D

Acq: 22 Nov 2024 18:29

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

Tgt Ion: 43 Resp: 383234

Ion Ratio Lower Upper

43 100

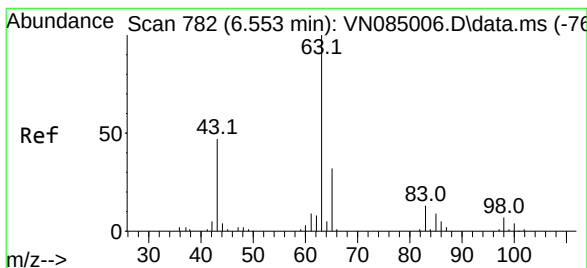
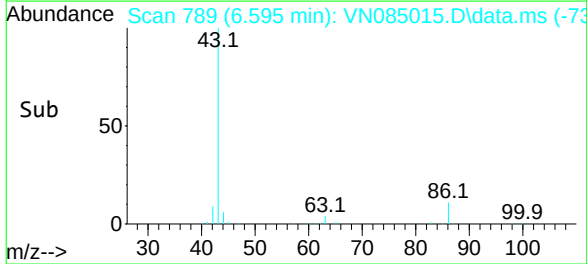
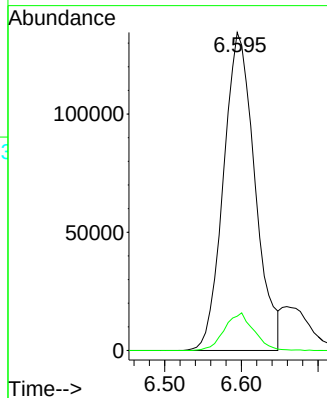
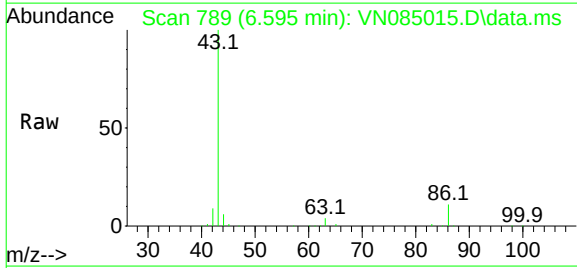
86 10.8 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#24

1,1-Dichloroethane

Concen: 18.995 ug/l

RT: 6.559 min Scan# 783

Delta R.T. 0.006 min

Lab File: VN085015.D

Acq: 22 Nov 2024 18:29

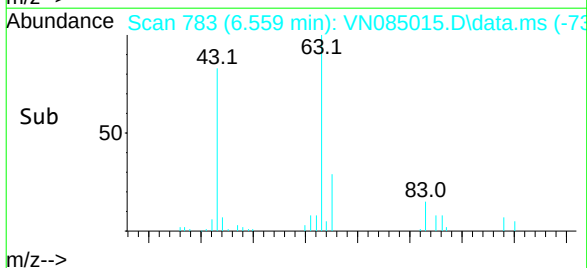
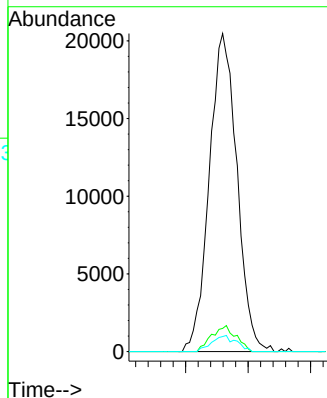
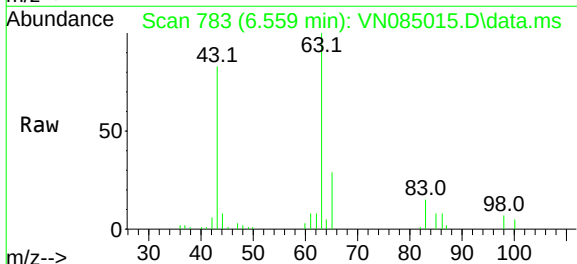
Tgt Ion: 63 Resp: 62924

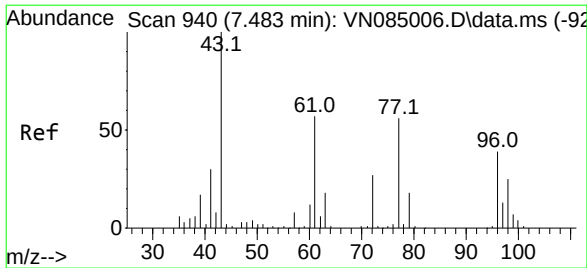
Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.8

100 4.7 2.2 6.6





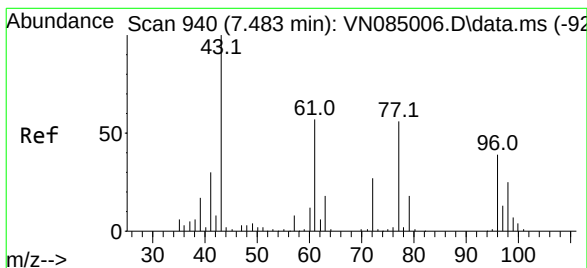
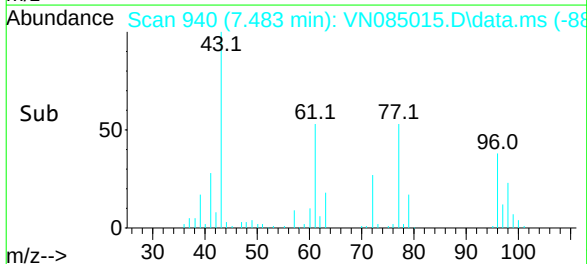
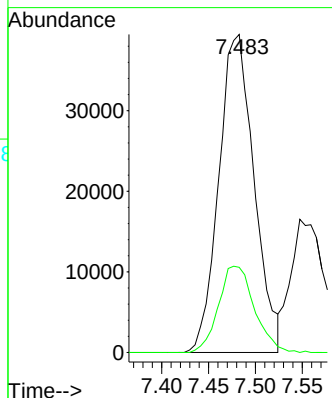
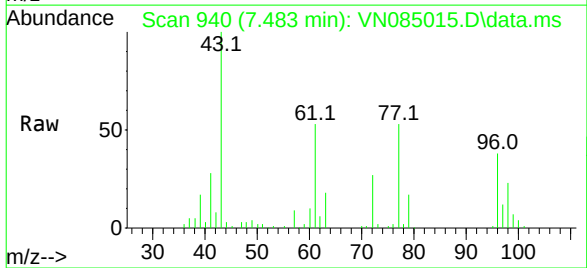
#25
2-Butanone
Concen: 99.431 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion: 43 Resp: 103666
Ion Ratio Lower Upper
43 100
72 26.8 21.4 32.0

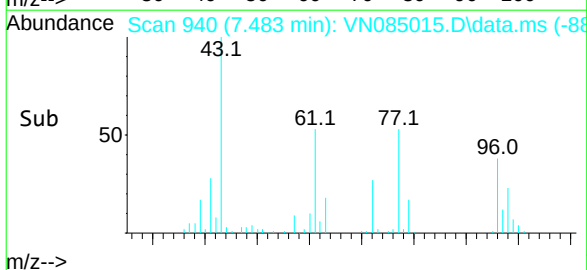
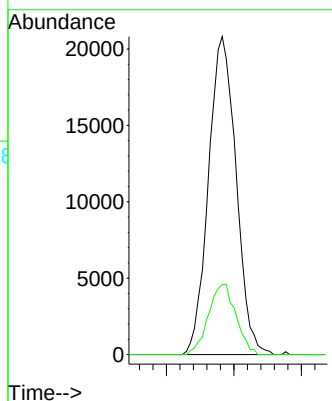
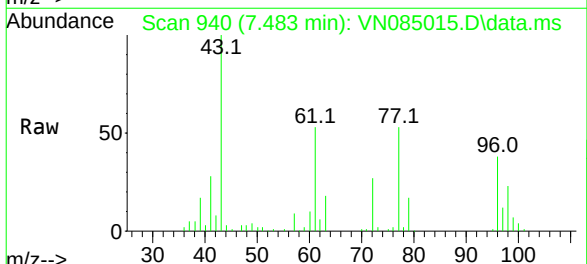
Manual Integrations
APPROVED

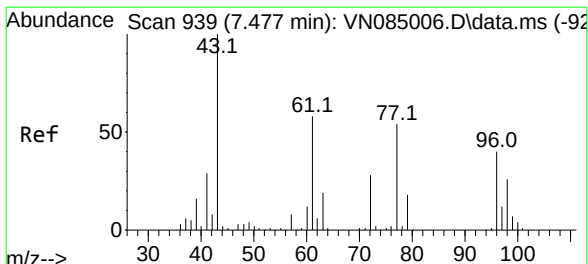
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#26
2,2-Dichloropropane
Concen: 19.150 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

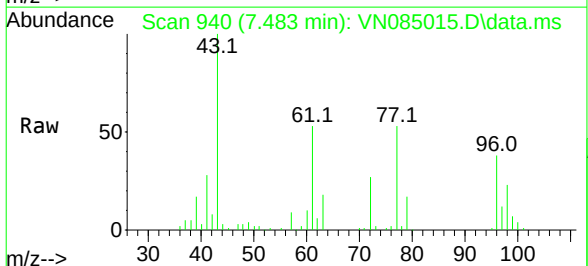
Tgt Ion: 77 Resp: 59239
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.7





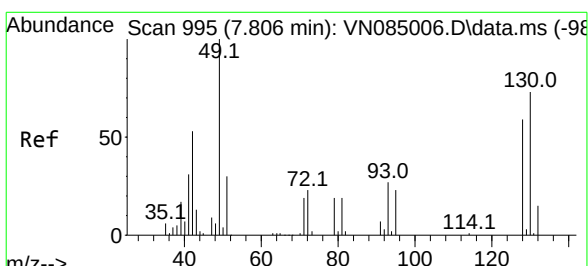
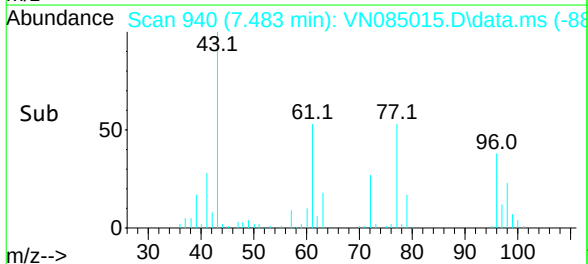
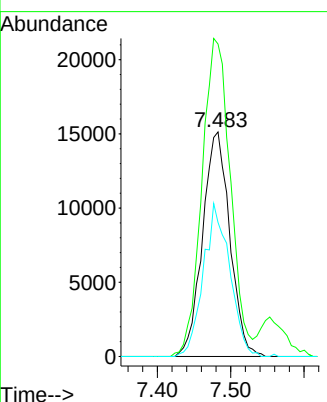
#27
 cis-1,2-Dichloroethene
 Concen: 18.877 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.006 min
 Lab File: VN085015.D
 Acq: 22 Nov 2024 18:29

Instrument : MSVOA_N
 ClientSampleId : VN1122WBSD01



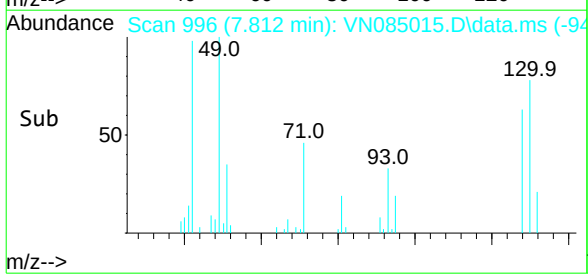
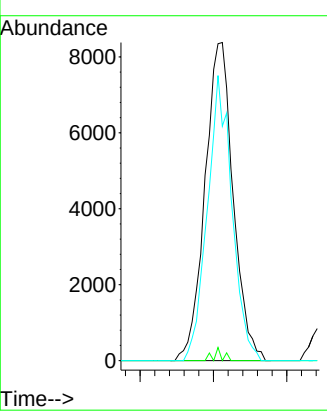
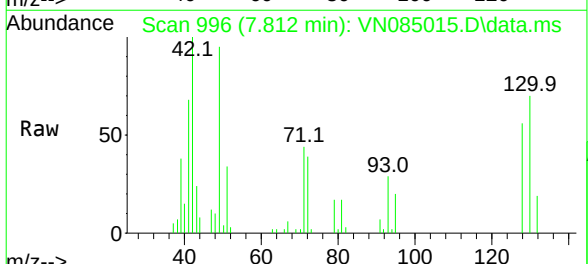
Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.7	0.0	291.6
98	65.9	0.0	129.8

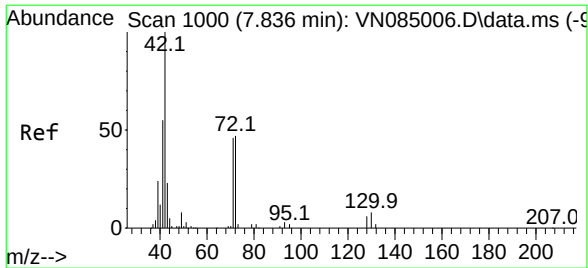
Manual Integrations
APPROVED
 Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024



#28
 Bromochloromethane
 Concen: 17.890 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085015.D
 Acq: 22 Nov 2024 18:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.0
130	78.2	60.6	90.8





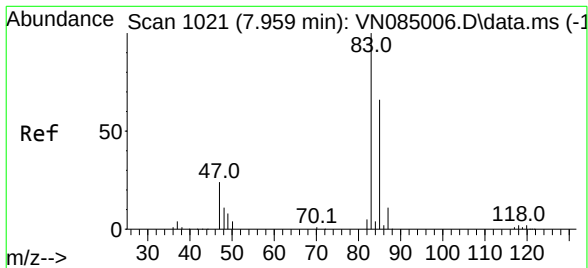
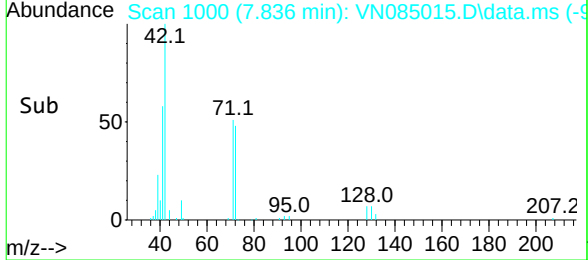
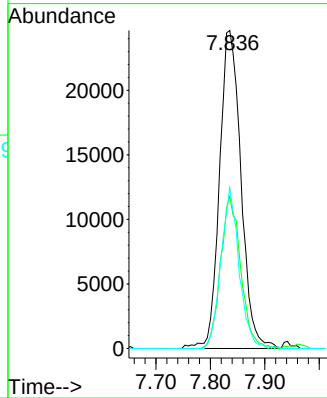
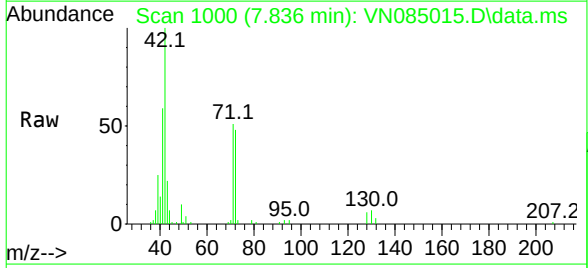
#29
Tetrahydrofuran
Concen: 104.005 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion: 42 Resp: 67432
Ion Ratio Lower Upper
42 100
72 44.9 37.0 55.4
71 42.8 35.0 52.4

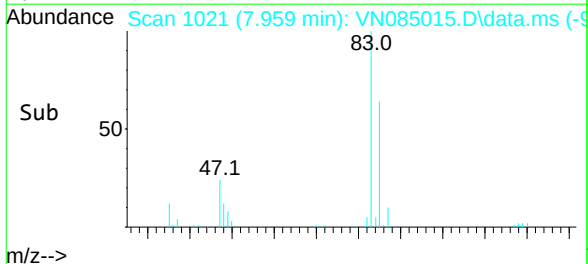
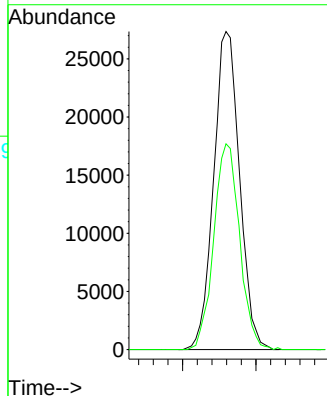
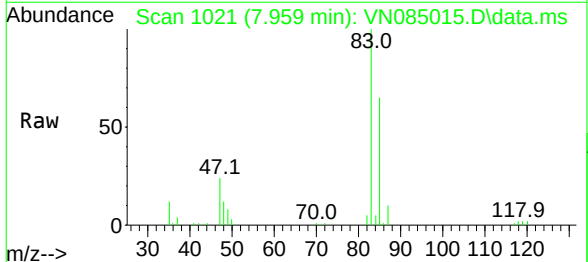
Manual Integrations
APPROVED

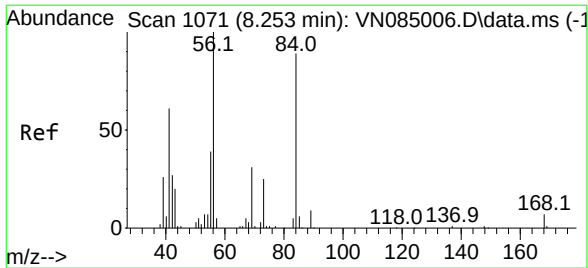
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#30
Chloroform
Concen: 19.042 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

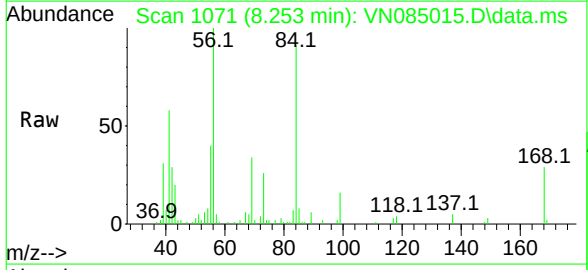
Tgt Ion: 83 Resp: 67101
Ion Ratio Lower Upper
83 100
85 64.7 52.6 78.8





#31
Cyclohexane
Concen: 18.533 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

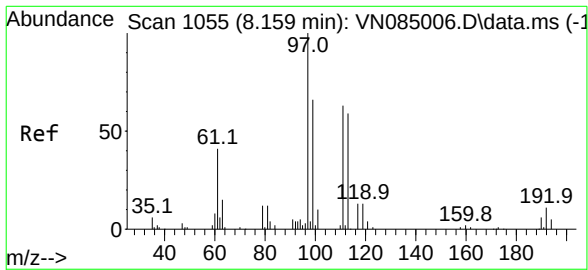
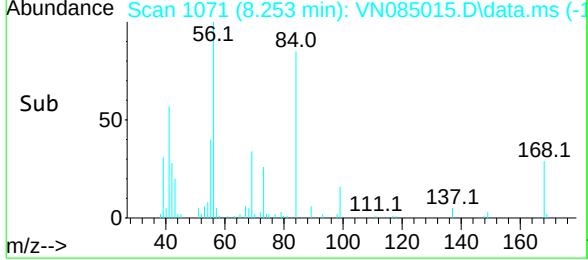
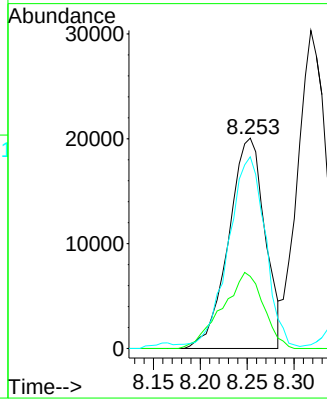
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



Tgt Ion	56	69	84
Ratio	100	34.3	89.1
Lower		24.6	71.4
Upper		36.8	107.2

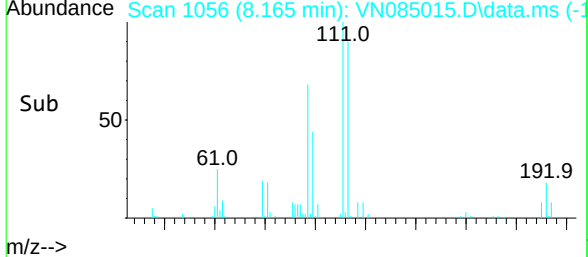
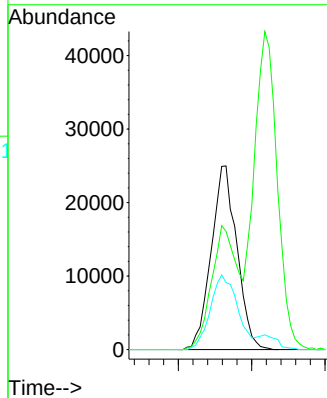
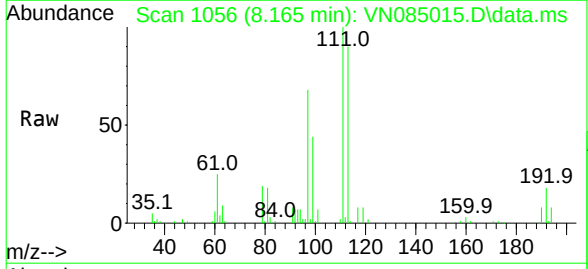
Manual Integrations
APPROVED

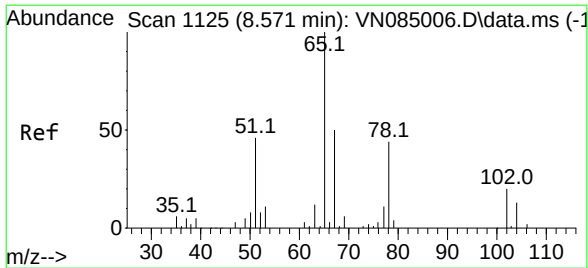
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#32
1,1,1-Trichloroethane
Concen: 19.088 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Tgt Ion	97	99	61
Ratio	100	68.8	43.8
Lower		51.0	36.2
Upper		76.4	54.2





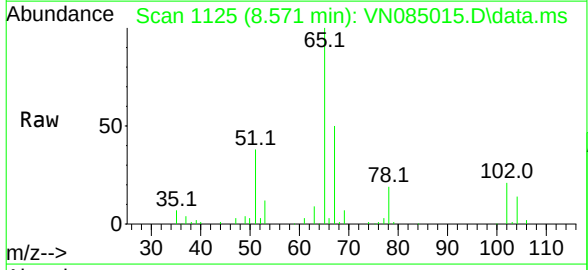
#33
 1,2-Dichloroethane-d4
 Concen: 48.797 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. -0.000 min
 Lab File: VN085015.D
 Acq: 22 Nov 2024 18:29

Instrument :

MSVOA_N

ClientSampleId :

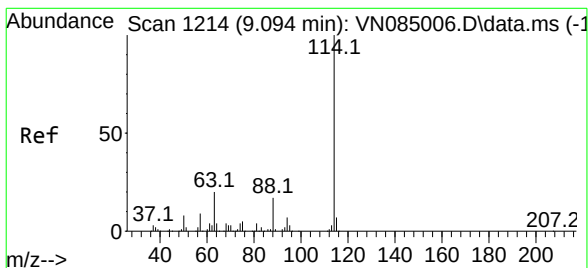
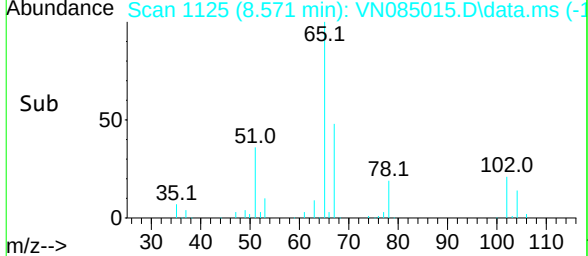
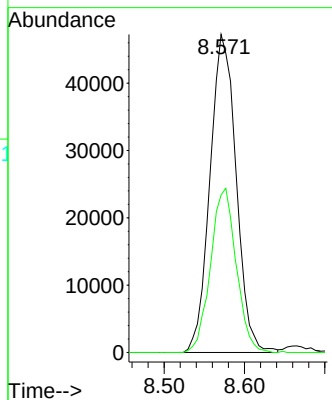
VN1122WBSD01



Tgt Ion: 65 Resp: 106846
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 105.0

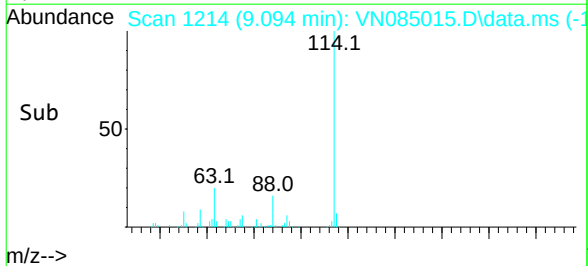
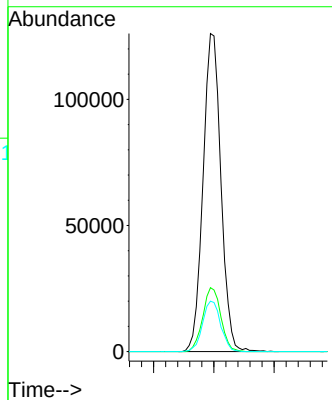
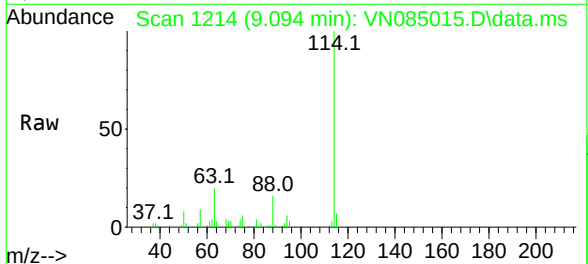
Manual Integrations
 APPROVED

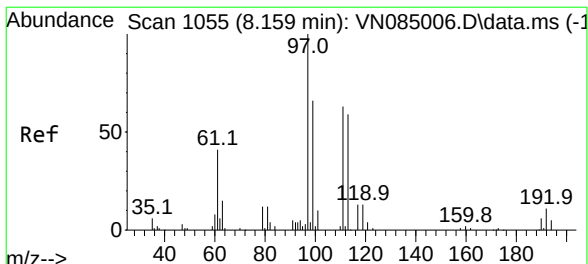
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. 0.000 min
 Lab File: VN085015.D
 Acq: 22 Nov 2024 18:29

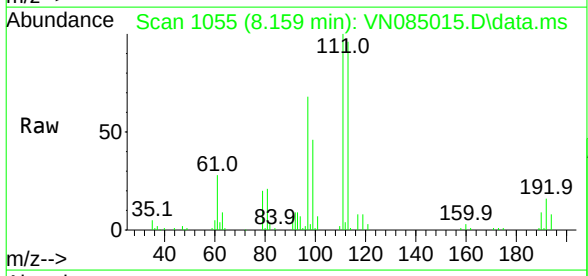
Tgt Ion:114 Resp: 259508
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.0
 88 15.9 0.0 34.8





#35
 Dibromofluoromethane
 Concen: 48.798 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VN085015.D
 Acq: 22 Nov 2024 18:29

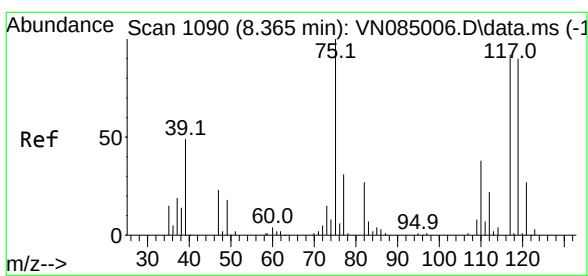
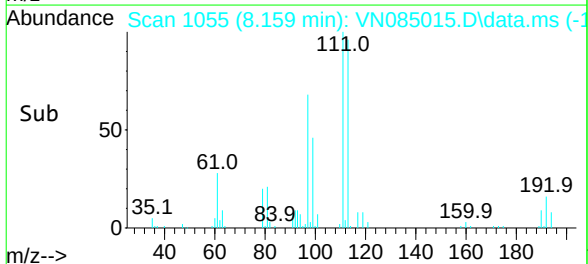
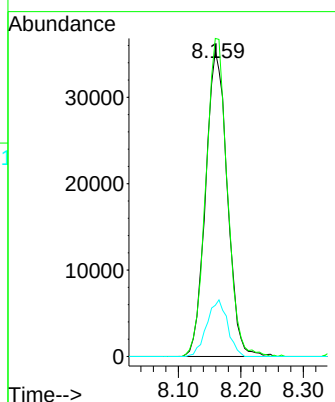
Instrument : MSVOA_N
 ClientSampleId : VN1122WBSD01



Tgt Ion:	113	Resp:	85398
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	17.7	14.8	22.2

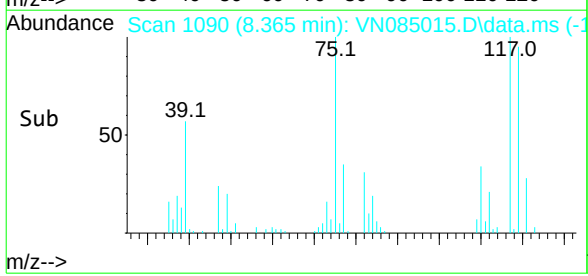
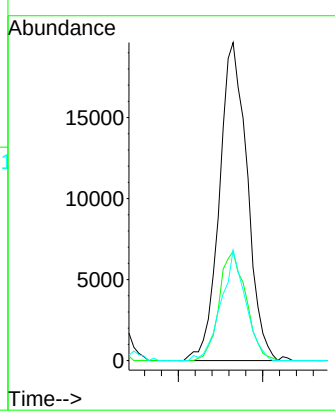
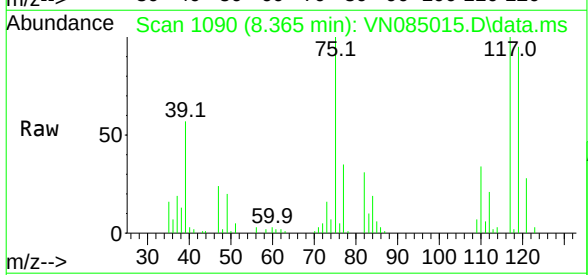
Manual Integrations
 APPROVED

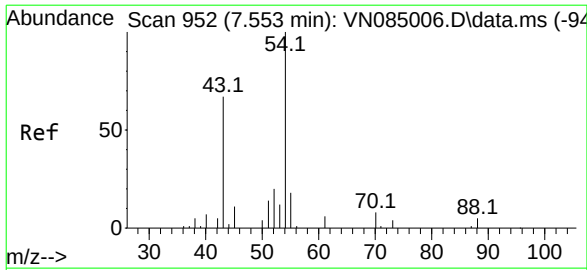
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024



#36
 1,1-Dichloropropene
 Concen: 18.937 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VN085015.D
 Acq: 22 Nov 2024 18:29

Tgt Ion:	75	Resp:	44888
Ion	Ratio	Lower	Upper
75	100		
110	33.2	17.2	51.6
77	30.7	24.2	36.4





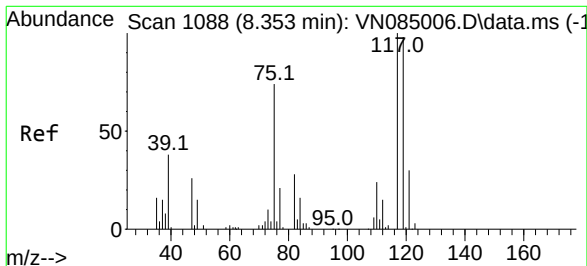
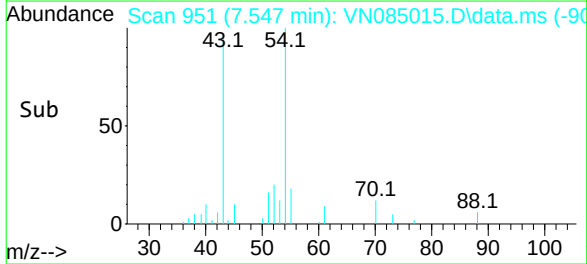
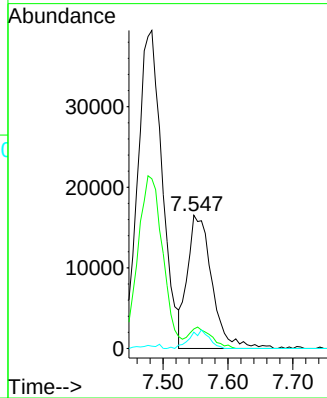
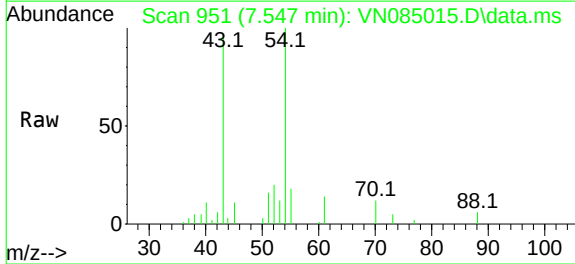
#37
Ethyl Acetate
Concen: 20.218 ug/l
RT: 7.547 min Scan# 951
Delta R.T. -0.006 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion:	43	Resp:	43569
Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.7	17.5
70	11.0	9.3	13.9

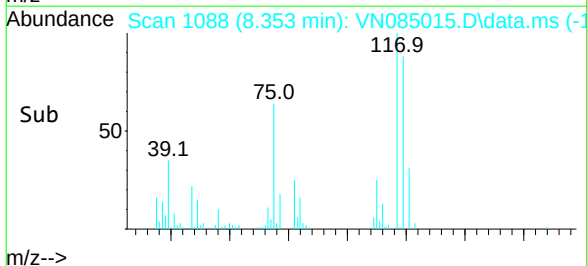
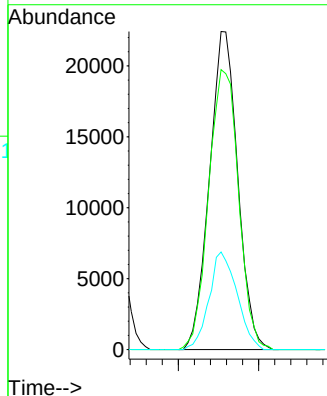
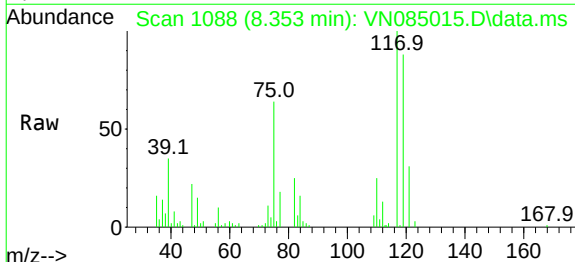
Manual Integrations
APPROVED

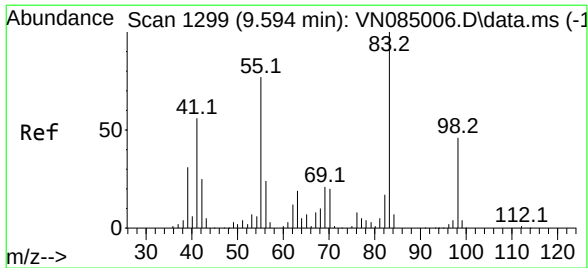
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#38
Carbon Tetrachloride
Concen: 20.031 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

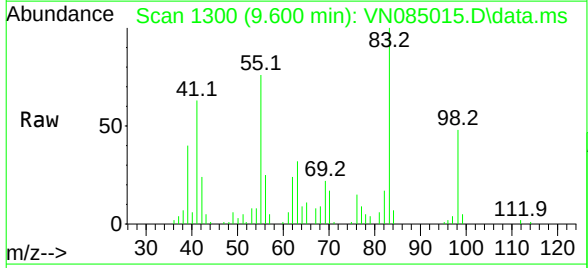
Tgt Ion:	117	Resp:	54808
Ion	Ratio	Lower	Upper
117	100		
119	88.0	78.6	117.8
121	30.7	24.2	36.2





#39
Methylcyclohexane
Concen: 19.113 ug/l
RT: 9.600 min Scan# 1310
Delta R.T. 0.006 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

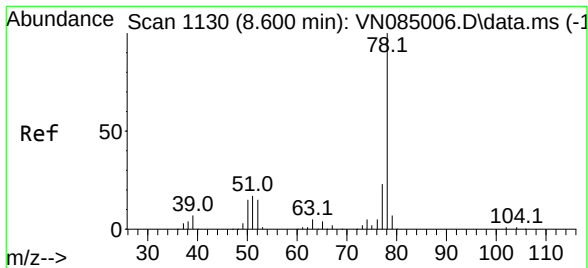
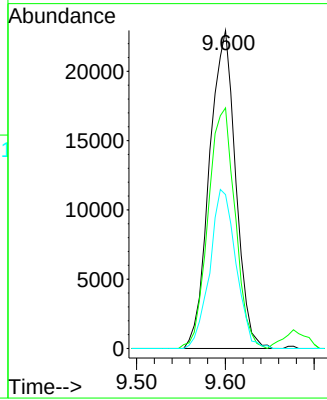
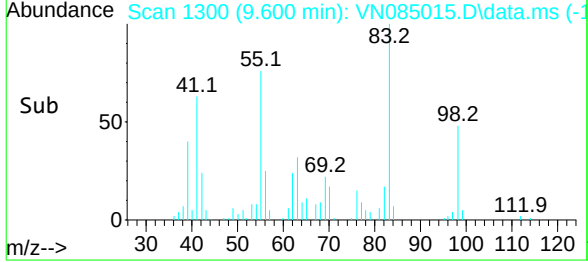
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



Tgt Ion: 83 Resp: 47079
Ion Ratio Lower Upper
83 100
55 75.6 61.8 92.6
98 48.4 37.0 55.6

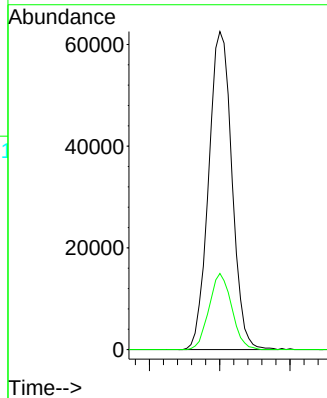
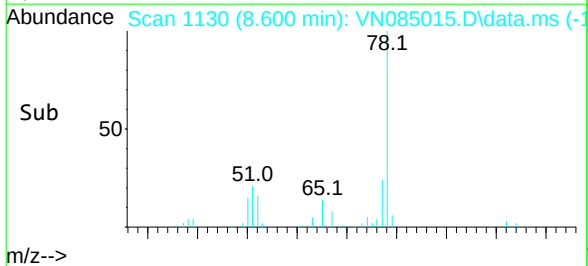
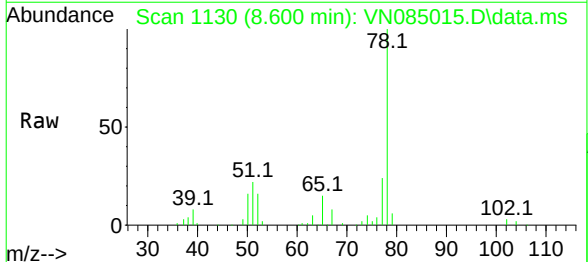
Manual Integrations
APPROVED

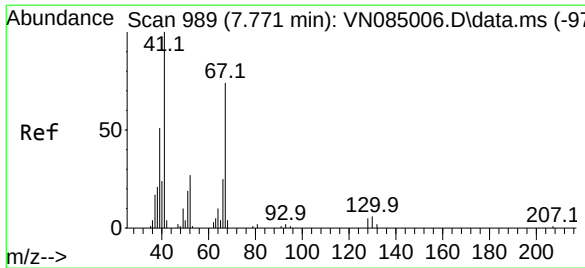
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#40
Benzene
Concen: 19.202 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Tgt Ion: 78 Resp: 143964
Ion Ratio Lower Upper
78 100
77 23.9 18.5 27.7





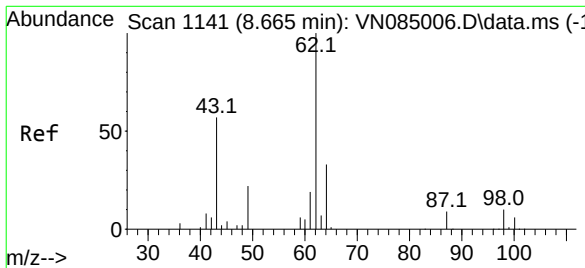
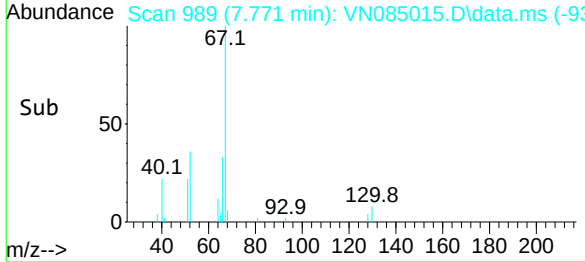
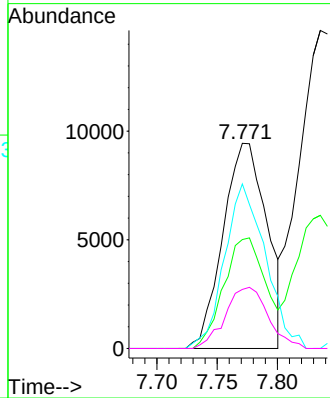
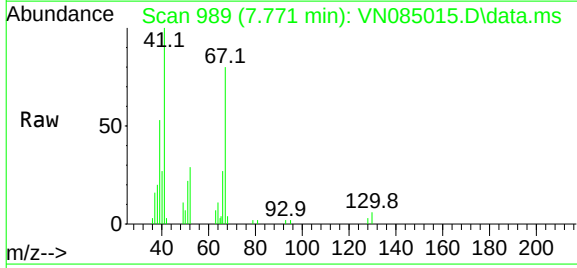
#41
Methacrylonitrile
Concen: 20.018 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion:	41	Resp:	23884
Ion	Ratio	Lower	Upper
41	100		
39	51.5	42.6	63.8
67	74.9	59.9	89.9
52	29.2	24.8	37.2

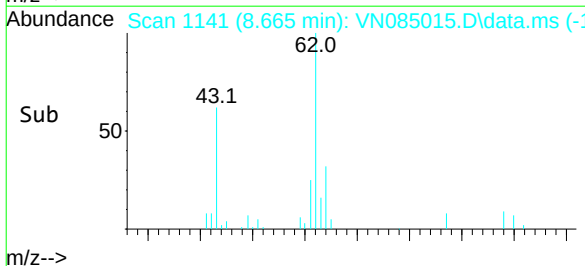
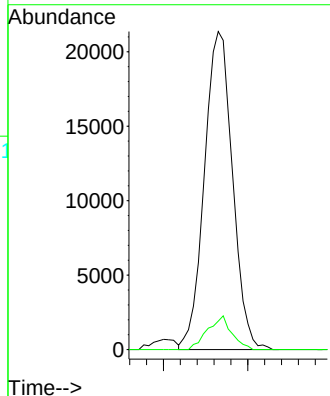
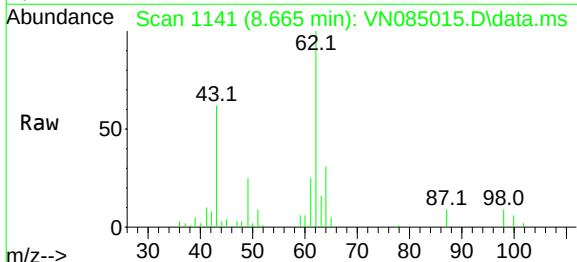
Manual Integrations
APPROVED

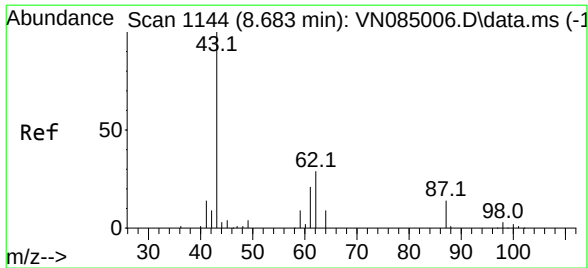
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#42
1,2-Dichloroethane
Concen: 19.282 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Tgt Ion:	62	Resp:	49455
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.2





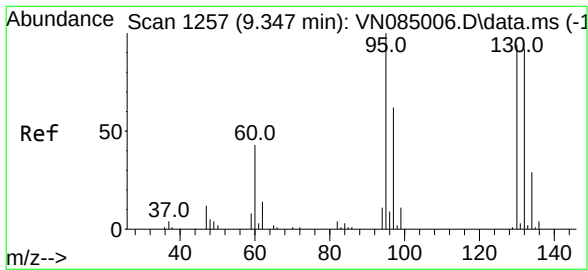
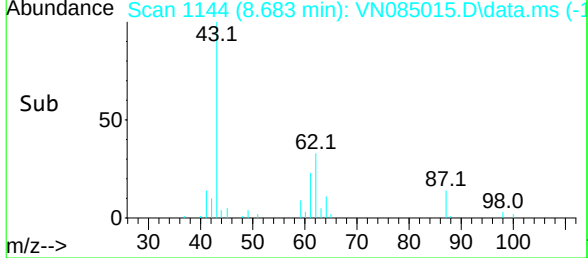
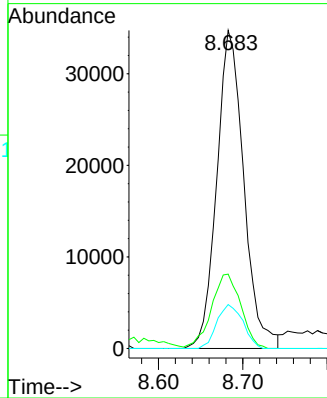
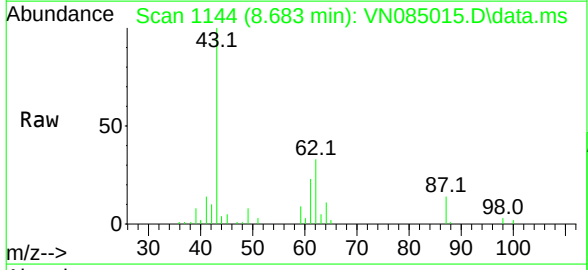
#43
Isopropyl Acetate
Concen: 17.284 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion:	43	Resp:	77368
Ion Ratio	Lower	Upper	
43	100		
61	25.5	20.6	30.8
87	13.3	11.0	16.4

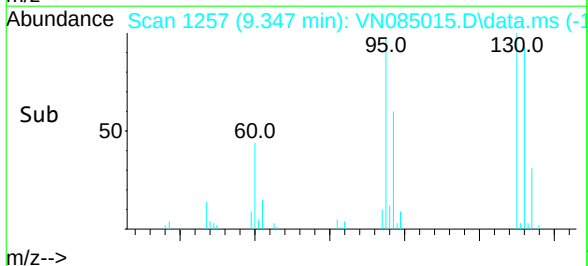
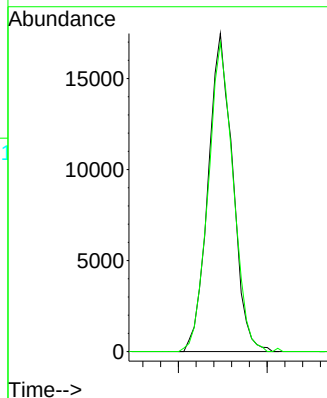
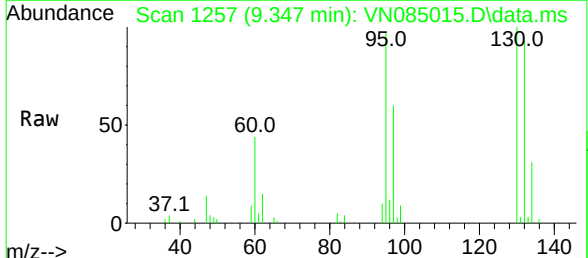
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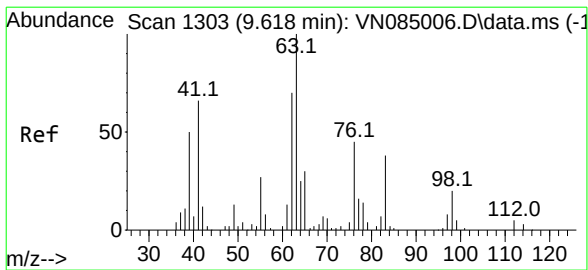
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#44
Trichloroethene
Concen: 19.307 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Tgt Ion:	130	Resp:	33639
Ion Ratio	Lower	Upper	
130	100		
95	97.1	0.0	213.4





#45

1,2-Dichloropropane

Concen: 19.043 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085015.D

Acq: 22 Nov 2024 18:29

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

Tgt Ion: 63 Resp: 35164

Ion Ratio Lower Upper

63 100

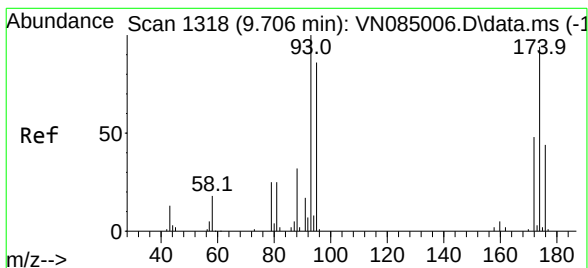
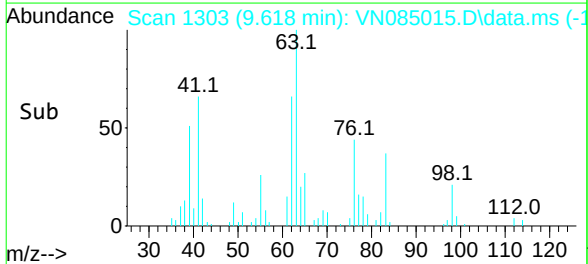
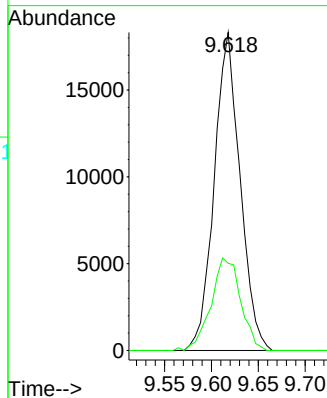
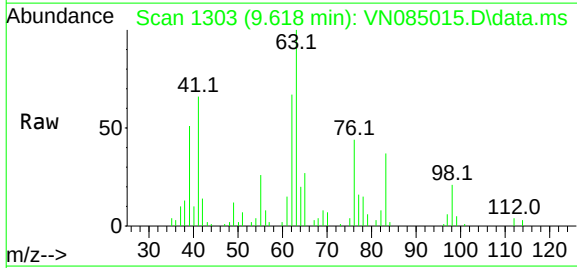
65 27.4 24.0 36.0

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Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#46

Dibromomethane

Concen: 19.199 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085015.D

Acq: 22 Nov 2024 18:29

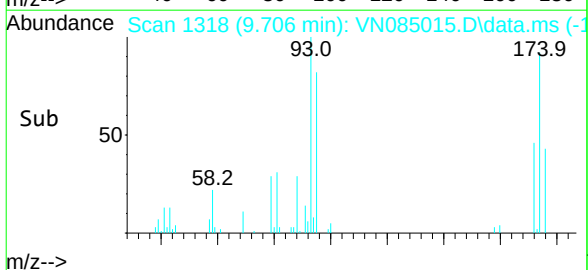
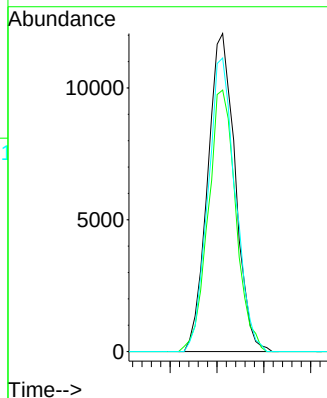
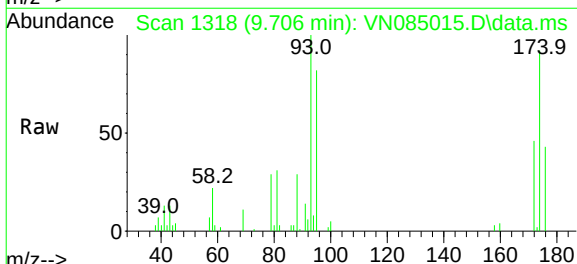
Tgt Ion: 93 Resp: 24634

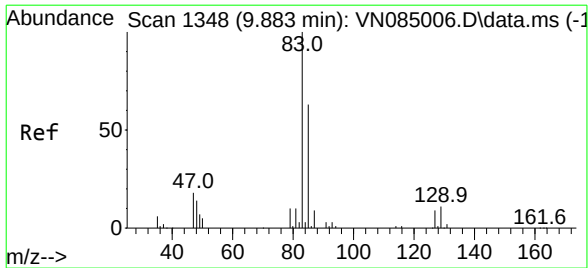
Ion Ratio Lower Upper

93 100

95 82.3 66.2 99.4

174 91.6 74.9 112.3





#47
 Bromodichloromethane
 Concen: 19.169 ug/l
 RT: 9.883 min Scan# 1348
 Delta R.T. 0.000 min
 Lab File: VN085015.D
 Acq: 22 Nov 2024 18:29

Instrument :

MSVOA_N

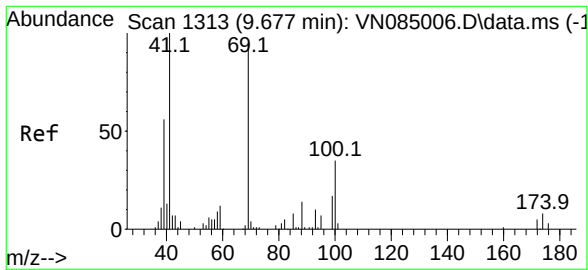
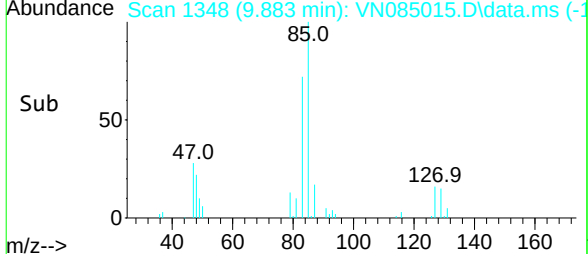
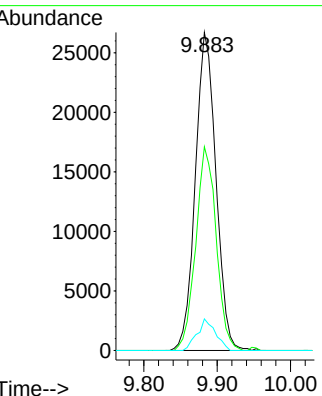
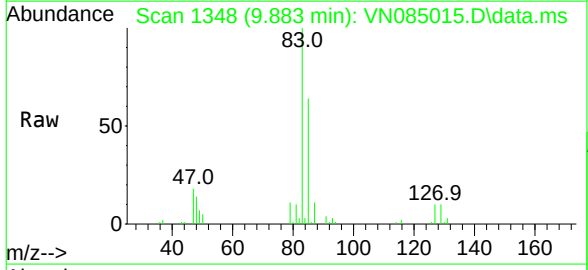
ClientSampleId :

VN1122WBSD01

Tgt Ion:	83	Resp:	52128
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.5	75.7
127	9.9	7.1	10.7

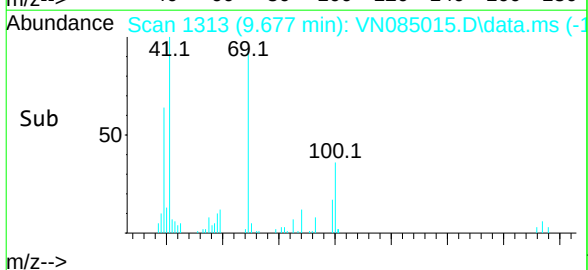
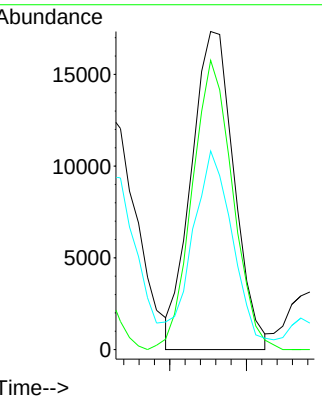
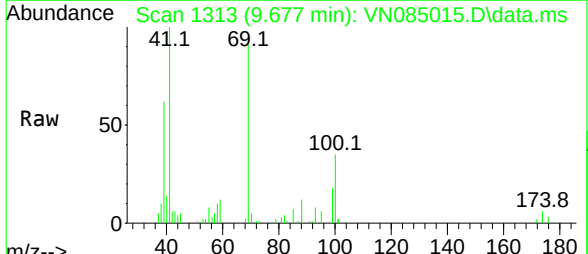
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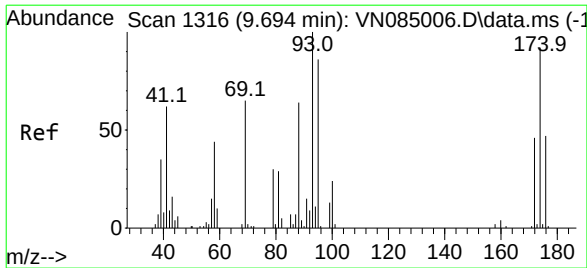
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024



#48
 Methyl methacrylate
 Concen: 20.168 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. 0.000 min
 Lab File: VN085015.D
 Acq: 22 Nov 2024 18:29

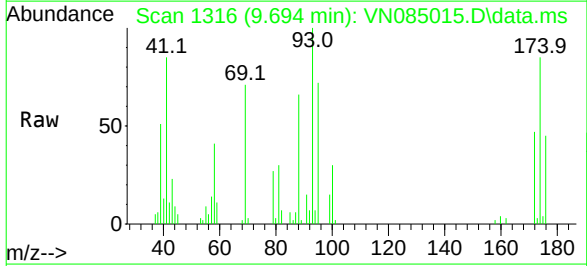
Tgt Ion:	41	Resp:	33593
Ion	Ratio	Lower	Upper
41	100		
69	86.1	73.2	109.8
39	59.3	46.2	69.4





#49
1,4-Dioxane
Concen: 404.518 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

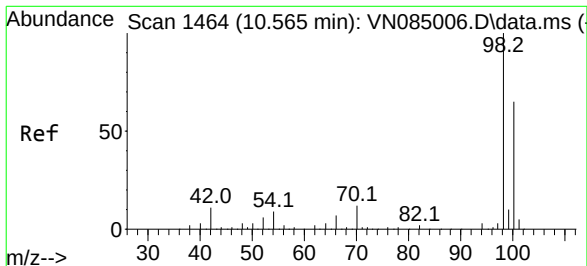
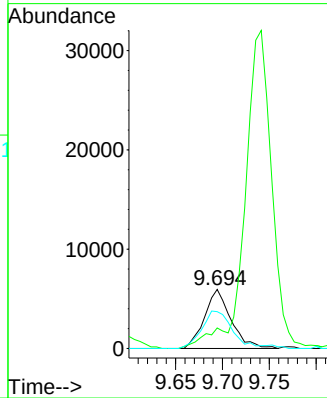
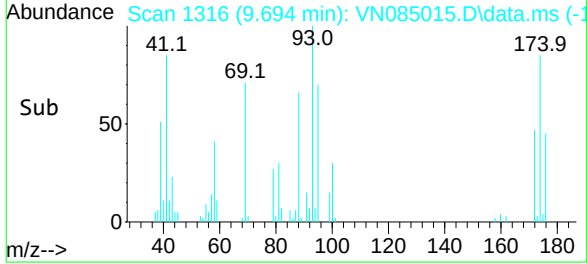
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



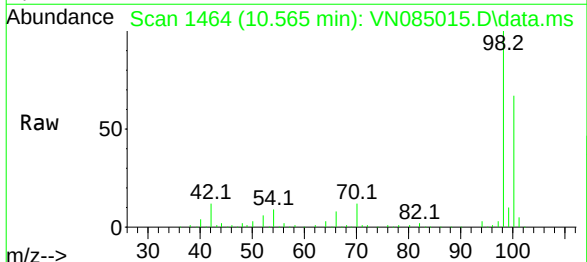
Tgt Ion: 88 Resp: 11685
Ion Ratio Lower Upper
88 100
43 0.0 16.7 25.1#
58 72.5 56.5 84.7

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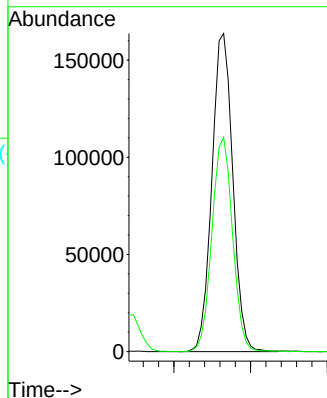
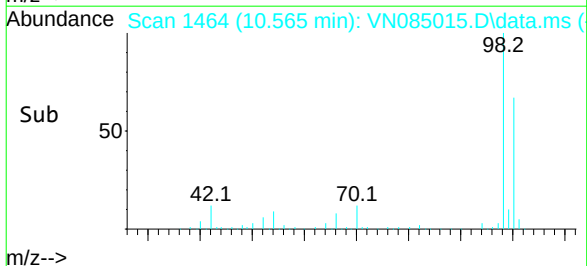
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

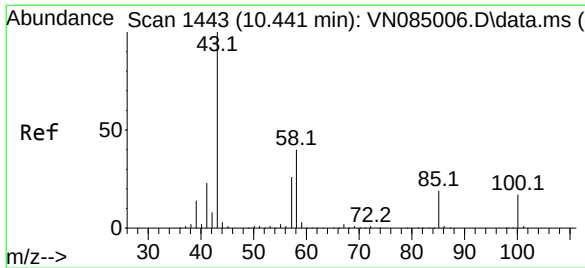


#50
Toluene-d8
Concen: 49.362 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29



Tgt Ion: 98 Resp: 309587
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7





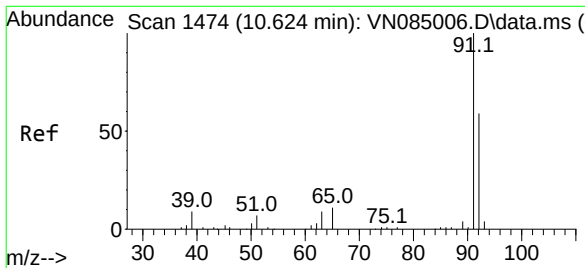
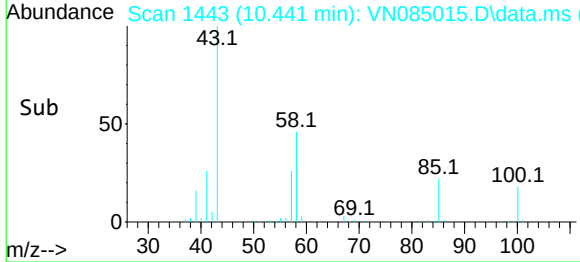
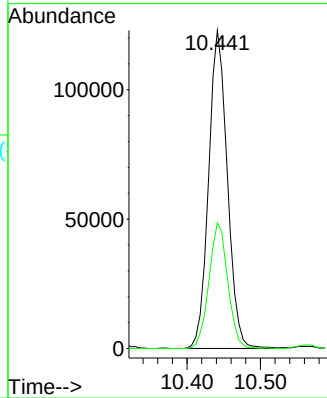
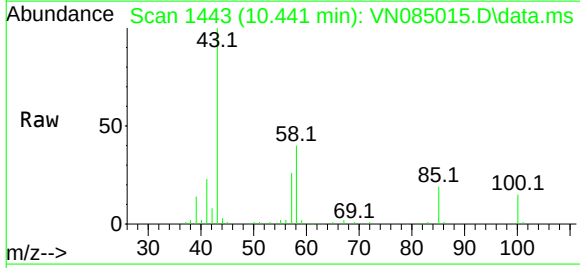
#51
4-Methyl-2-Pentanone
Concen: 106.407 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion: 43 Resp: 217553
Ion Ratio Lower Upper
43 100
58 39.7 32.1 48.1

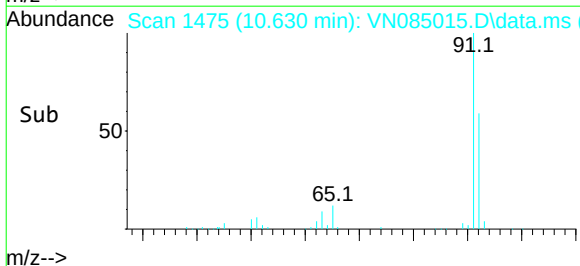
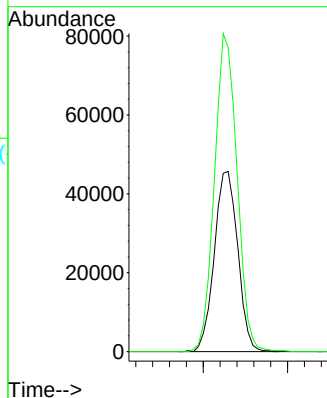
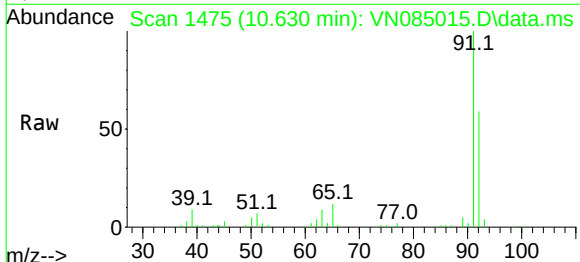
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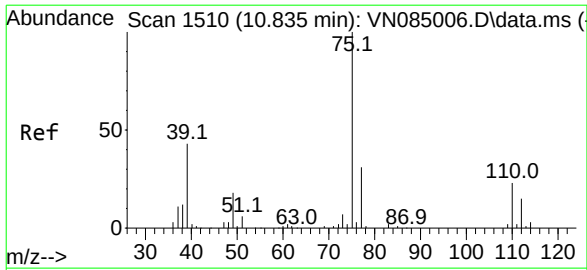
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#52
Toluene
Concen: 19.856 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

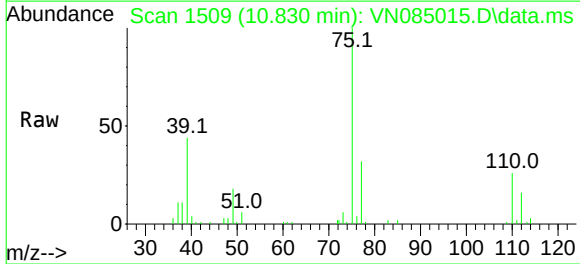
Tgt Ion: 92 Resp: 88126
Ion Ratio Lower Upper
92 100
91 170.6 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 18.816 ug/l
RT: 10.830 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

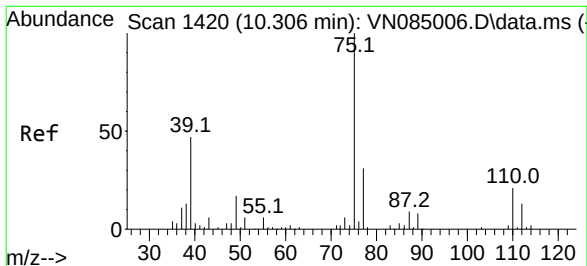
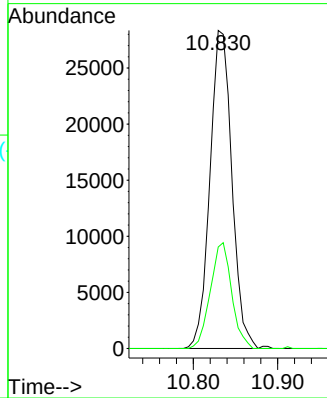
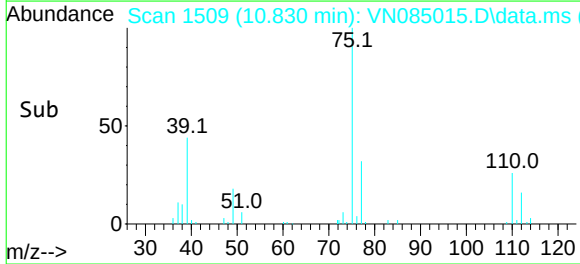
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



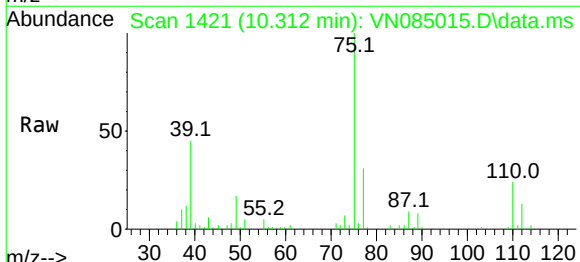
Tgt Ion: 75 Resp: 51300
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.4

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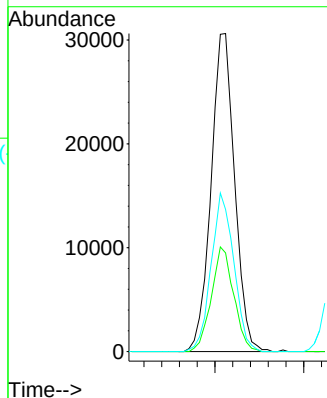
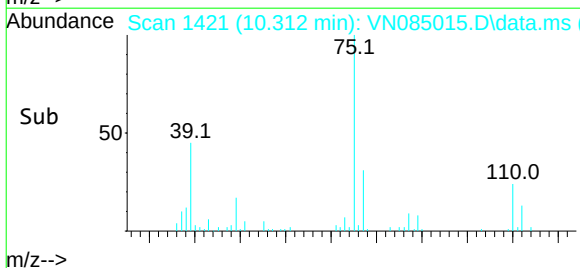
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

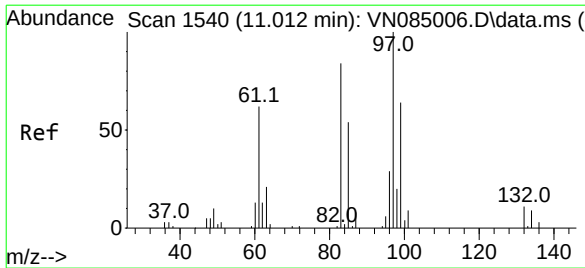


#54
cis-1,3-Dichloropropene
Concen: 19.515 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29



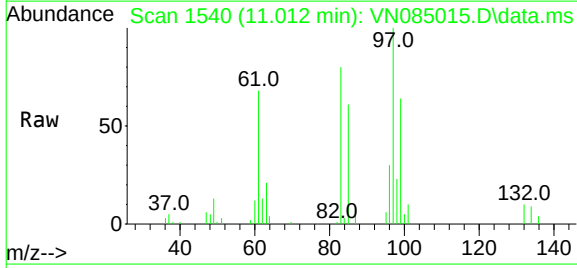
Tgt Ion: 75 Resp: 56444
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.4
39 44.7 37.6 56.4





#55
1,1,2-Trichloroethane
Concen: 20.130 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

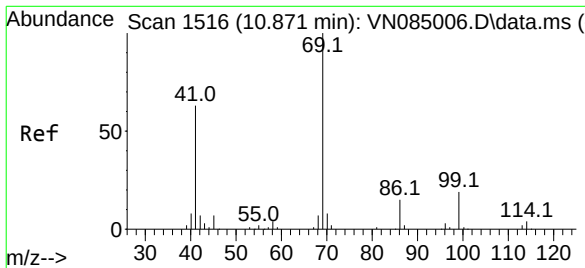
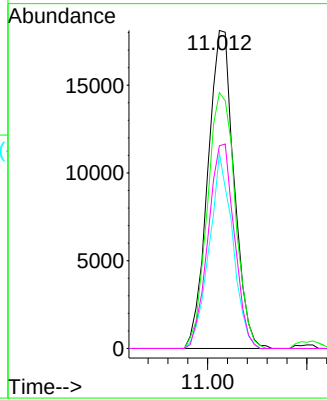
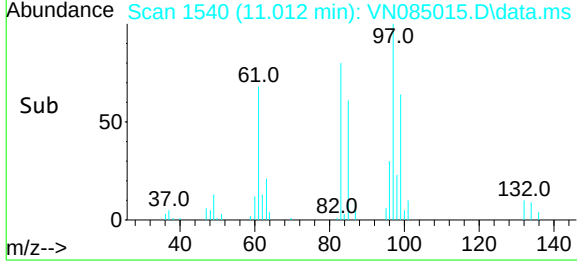
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



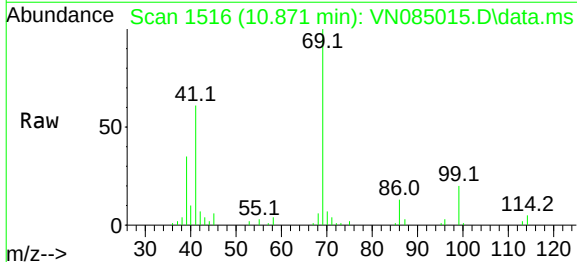
Tgt Ion:	97	Resp:	33278
Ion	Ratio	Lower	Upper
97	100		
83	80.4	67.4	101.2
85	61.4	43.1	64.7
99	63.7	50.9	76.3

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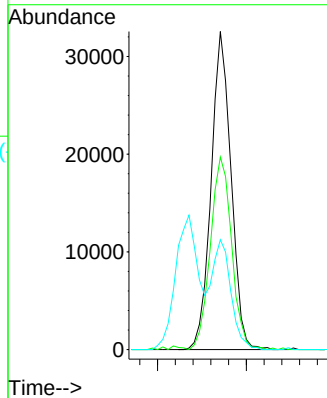
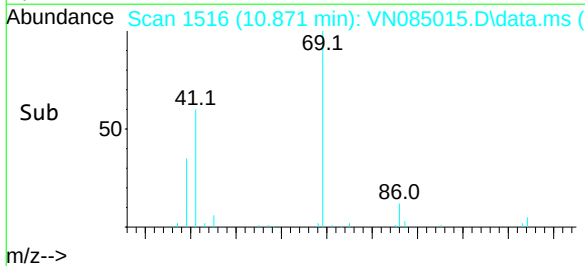
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

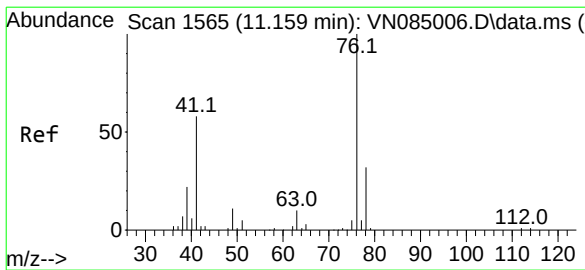


#56
Ethyl methacrylate
Concen: 21.023 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29



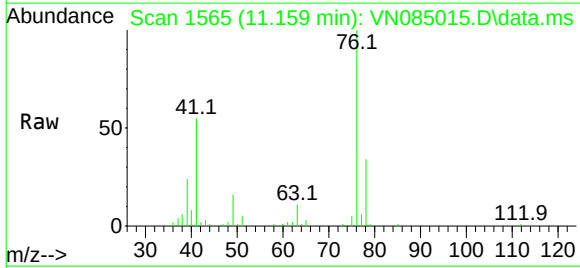
Tgt Ion:	69	Resp:	50786
Ion	Ratio	Lower	Upper
69	100		
41	64.4	50.0	75.0
39	33.5	27.0	40.6





#57
1,3-Dichloropropane
Concen: 19.050 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

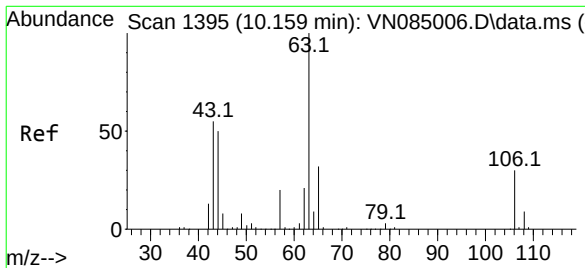
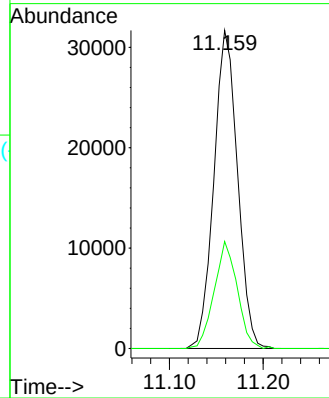
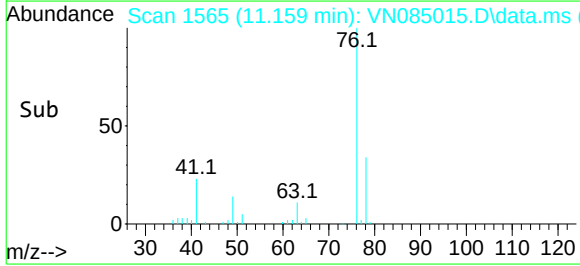
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



Tgt Ion: 76 Resp: 55426
Ion Ratio Lower Upper
76 100
78 32.9 26.1 39.1

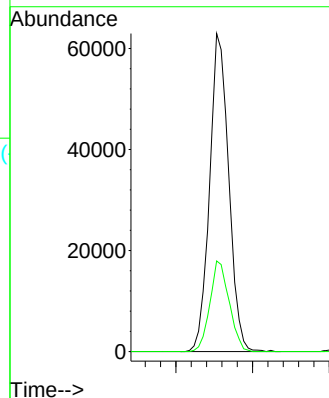
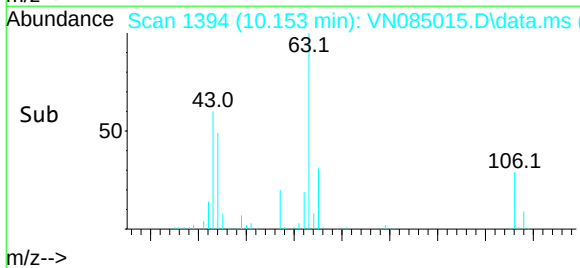
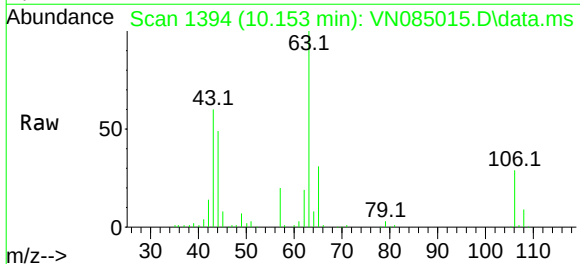
Manual Integrations
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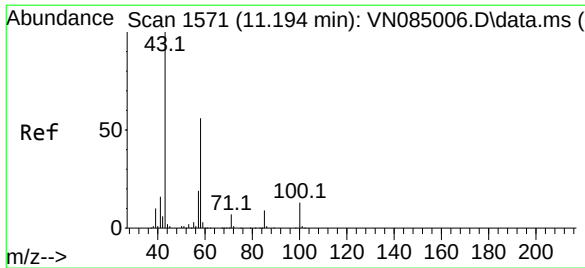
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#58
2-Chloroethyl Vinyl ether
Concen: 91.991 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Tgt Ion: 63 Resp: 109006
Ion Ratio Lower Upper
63 100
106 28.7 23.0 34.6





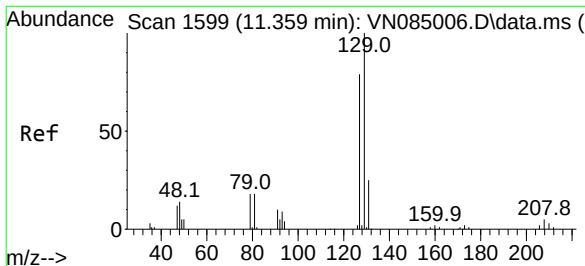
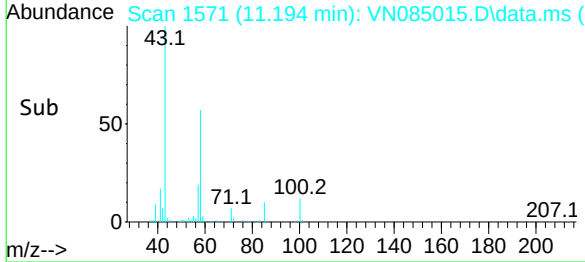
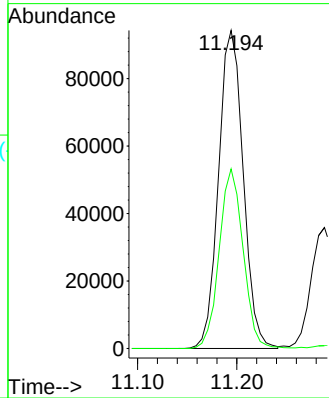
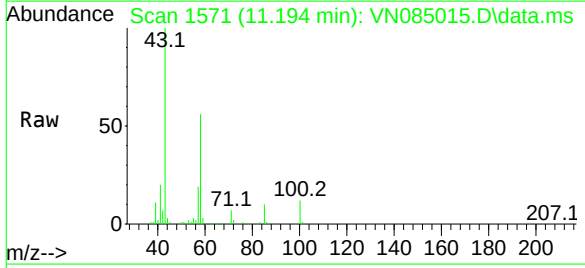
#59
2-Hexanone
Concen: 106.260 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion: 43 Resp: 162484
Ion Ratio Lower Upper
43 100
58 54.8 28.3 85.0

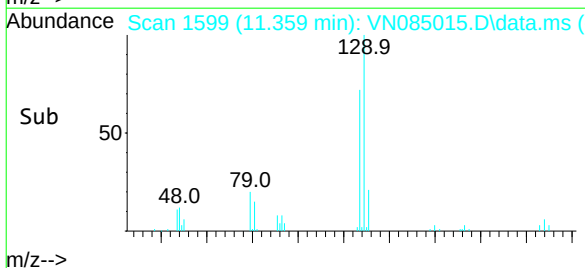
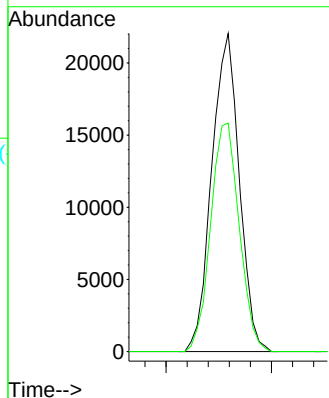
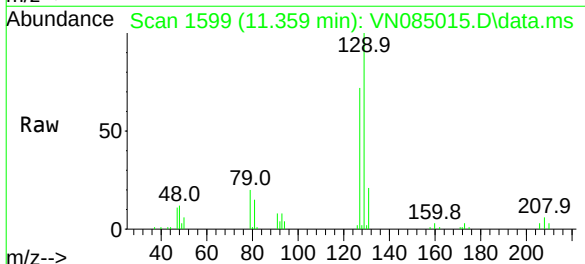
Manual Integrations
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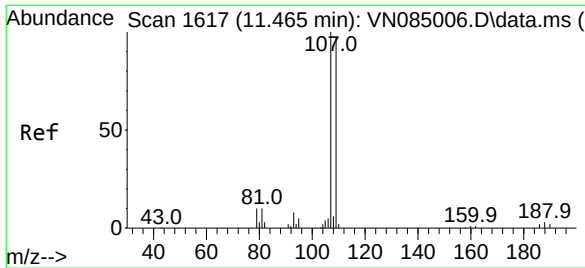
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#60
Dibromochloromethane
Concen: 19.801 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Tgt Ion:129 Resp: 40007
Ion Ratio Lower Upper
129 100
127 74.5 39.2 117.6





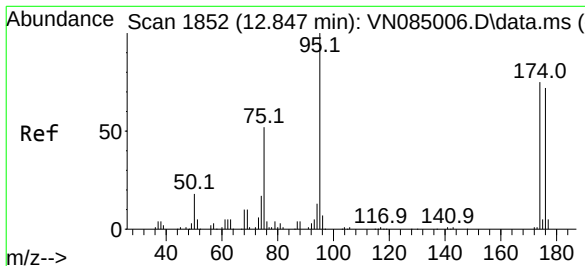
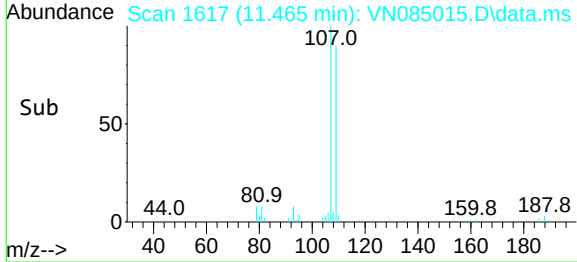
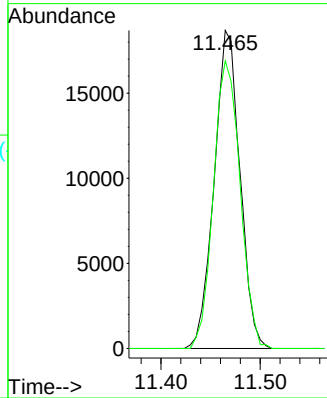
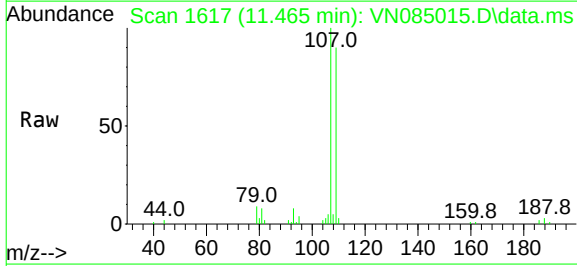
#61
1,2-Dibromoethane
Concen: 19.724 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion: 107 Resp: 33745
Ion Ratio Lower Upper
107 100
109 93.5 76.1 114.1

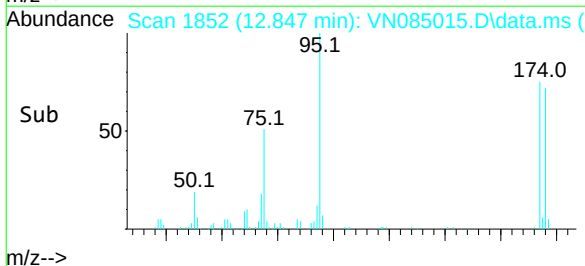
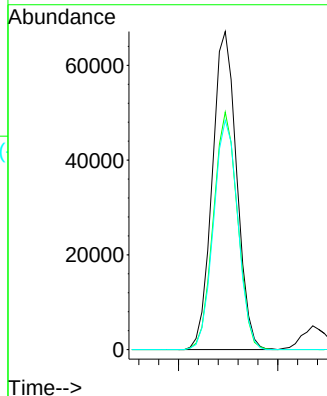
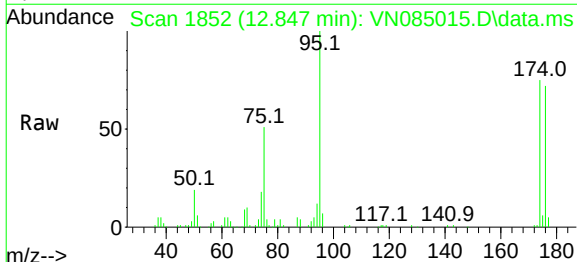
Manual Integrations
APPROVED

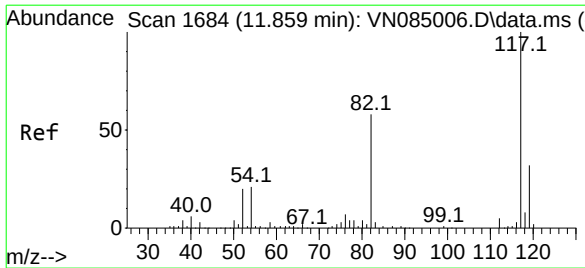
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#62
4-Bromofluorobenzene
Concen: 48.912 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Tgt Ion: 95 Resp: 114719
Ion Ratio Lower Upper
95 100
174 73.8 0.0 146.6
176 71.9 0.0 141.8





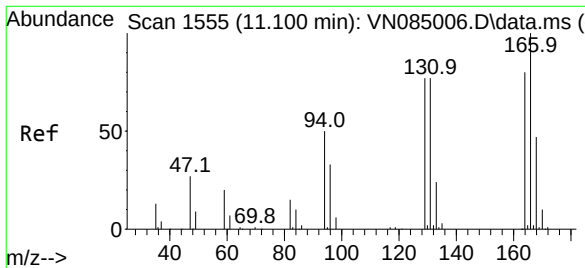
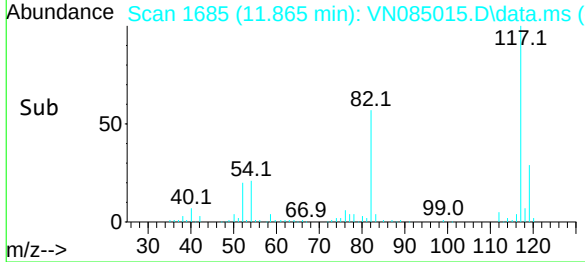
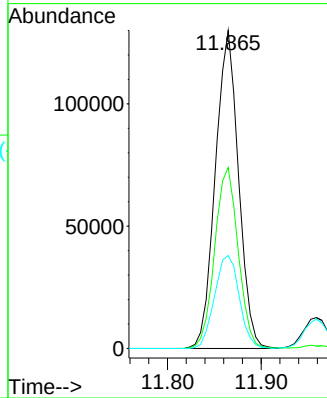
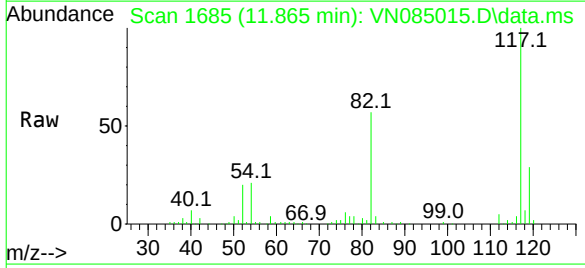
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion:	117	Resp:	223400
Ion	Ratio	Lower	Upper
117	100		
82	56.9	46.0	69.0
119	29.2	25.6	38.4

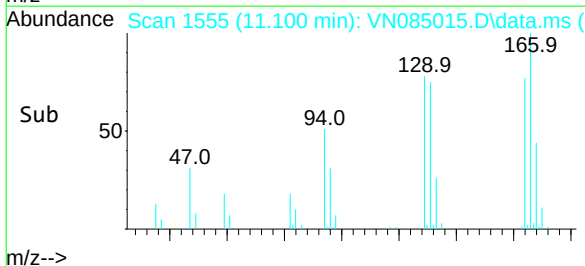
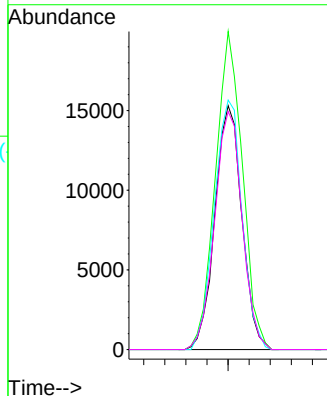
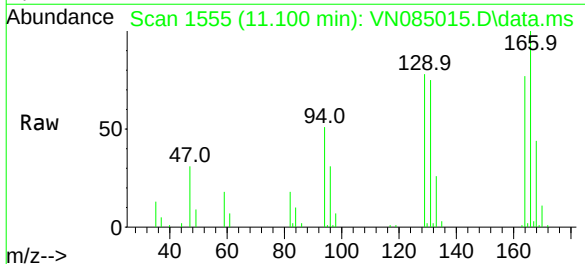
Manual Integrations
APPROVED

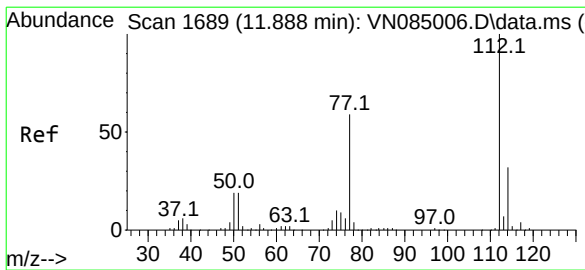
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#64
Tetrachloroethene
Concen: 18.121 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Tgt Ion:	164	Resp:	27278
Ion	Ratio	Lower	Upper
164	100		
166	130.4	100.6	151.0
129	102.3	77.7	116.5
131	97.7	77.2	115.8





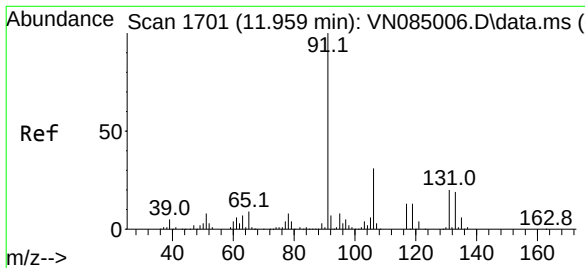
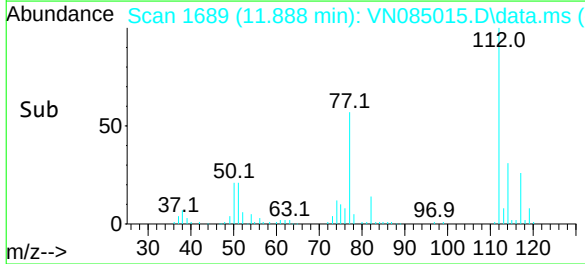
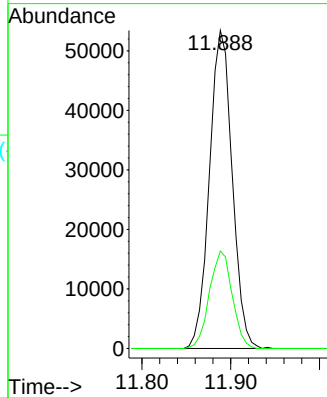
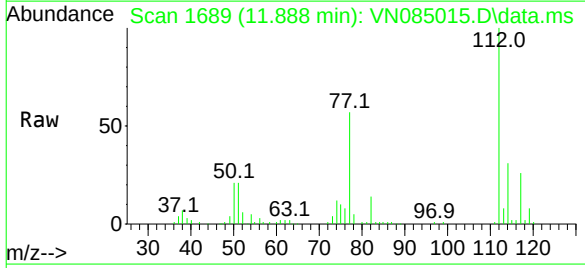
#65
Chlorobenzene
Concen: 18.769 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion:112 Resp: 95092
Ion Ratio Lower Upper
112 100
114 30.7 25.8 38.6

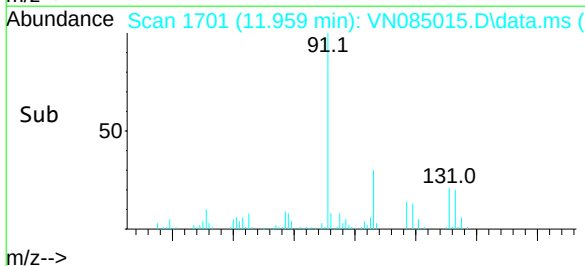
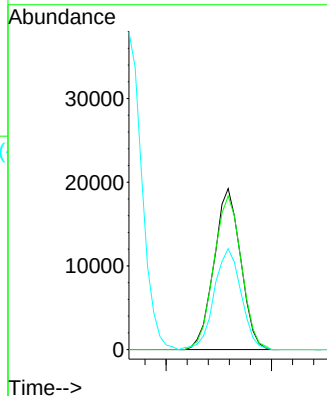
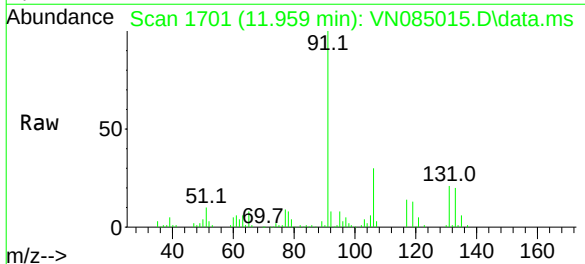
Manual Integrations
APPROVED

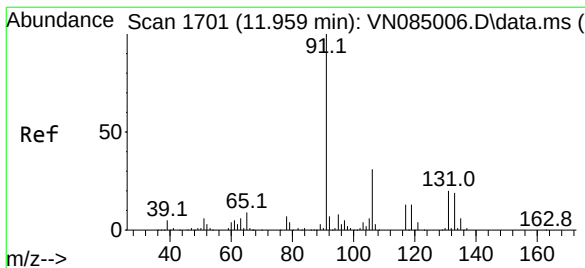
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.934 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

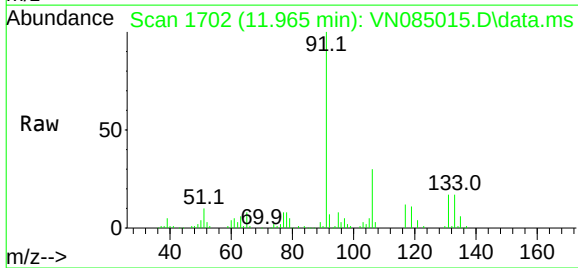
Tgt Ion:131 Resp: 33775
Ion Ratio Lower Upper
131 100
133 98.6 47.8 143.4
119 63.4 32.1 96.3





#67
Ethyl Benzene
Concen: 19.417 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

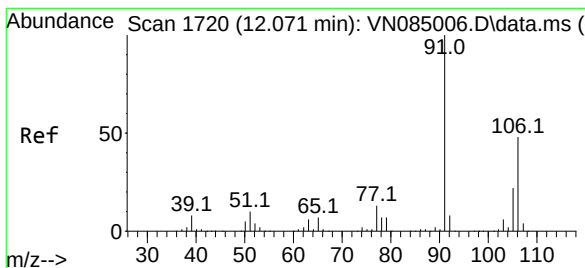
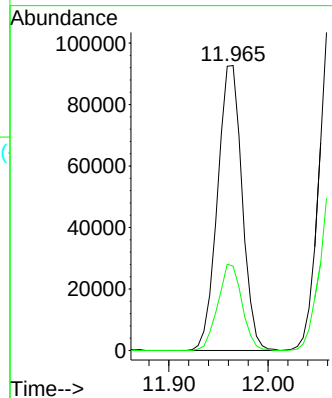
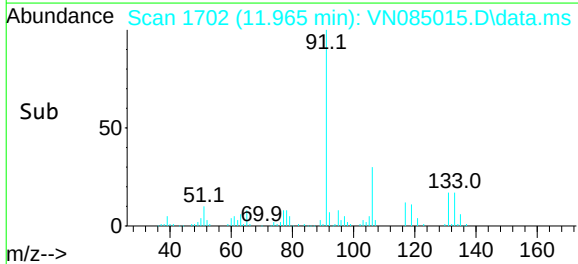
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



Tgt Ion: 91 Resp: 159601
Ion Ratio Lower Upper
91 100
106 29.6 24.7 37.1

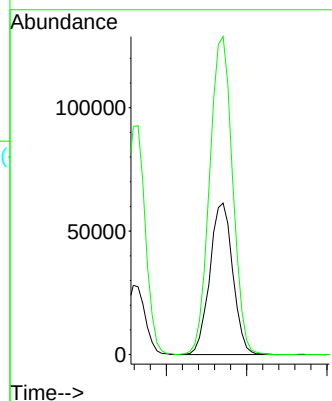
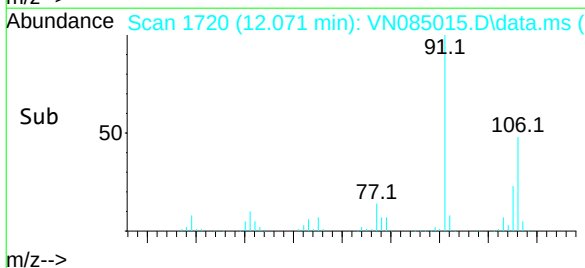
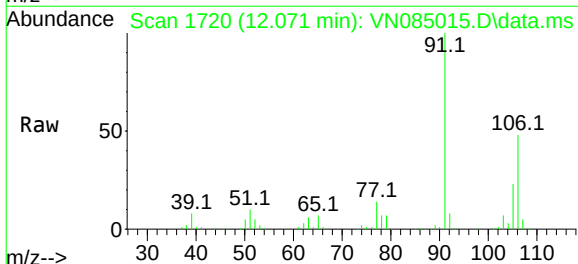
Manual Integrations
APPROVED

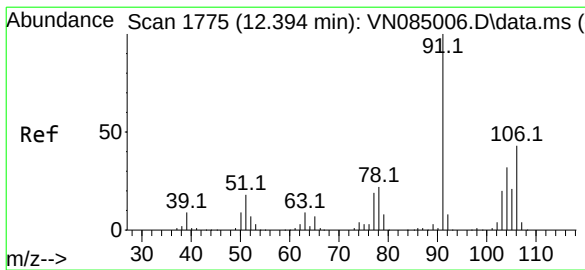
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#68
m/p-Xylenes
Concen: 38.920 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Tgt Ion:106 Resp: 121797
Ion Ratio Lower Upper
106 100
91 210.4 168.0 252.0





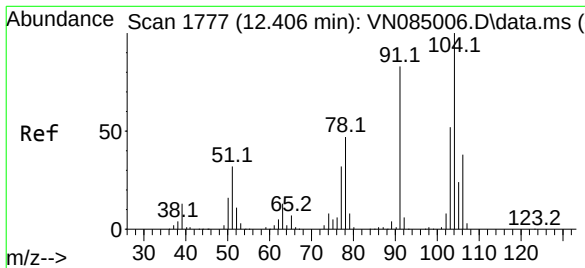
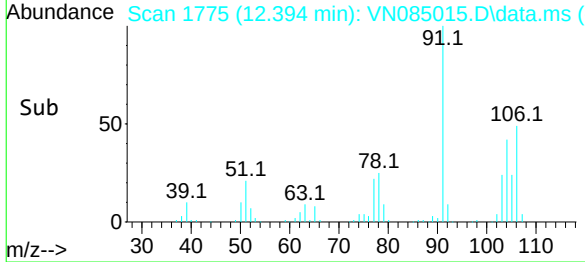
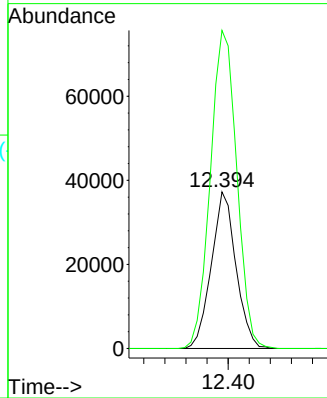
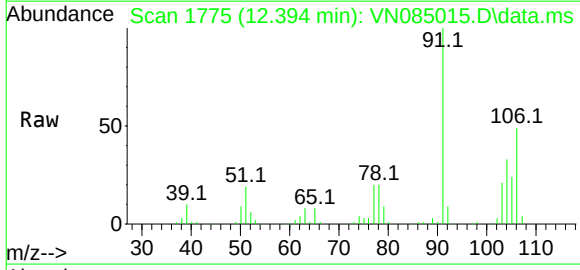
#69
o-Xylene
Concen: 20.326 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion:106 Resp: 60507
Ion Ratio Lower Upper
106 100
91 217.6 110.7 331.9

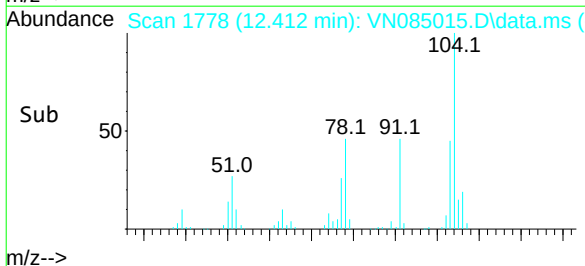
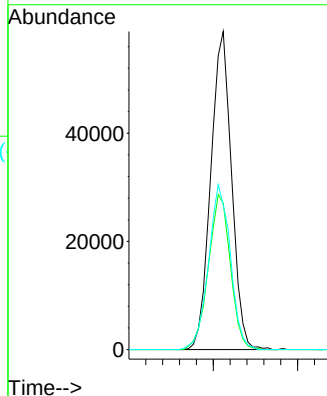
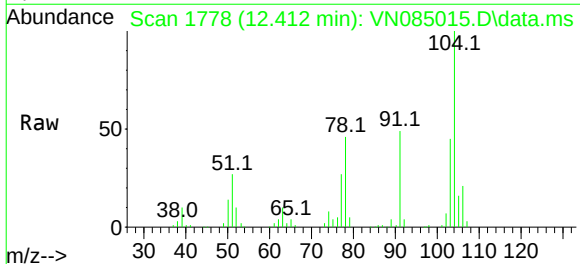
Manual Integrations
APPROVED

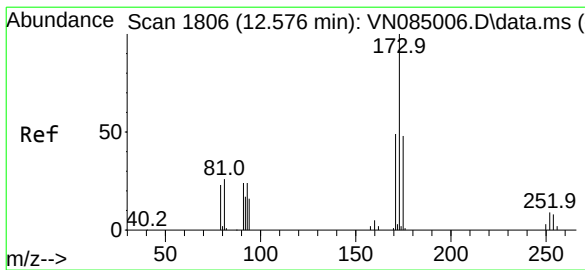
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#70
Styrene
Concen: 20.372 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Tgt Ion:104 Resp: 100850
Ion Ratio Lower Upper
104 100
78 51.3 42.3 63.5
103 54.4 44.2 66.2





#71

Bromoform

Concen: 19.566 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN085015.D

Acq: 22 Nov 2024 18:29

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

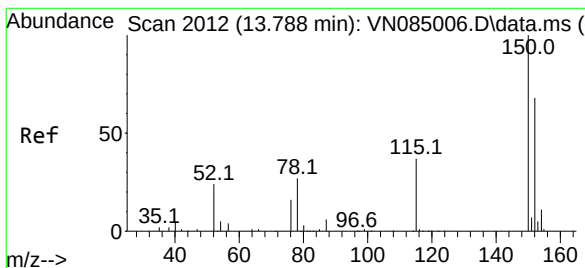
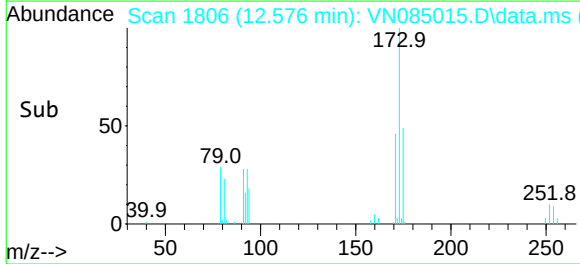
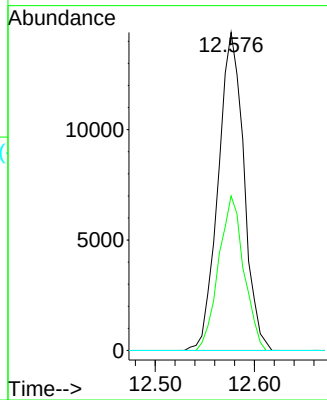
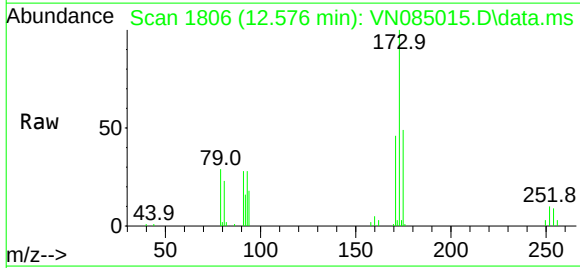
Tgt Ion:	173	Resp:	25908
Ion Ratio	Lower	Upper	
173	100		
175	47.6	23.8	71.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

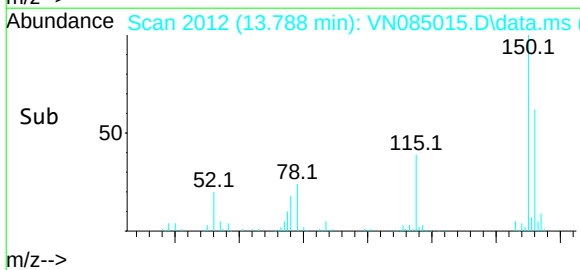
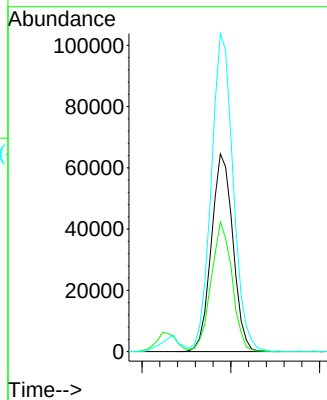
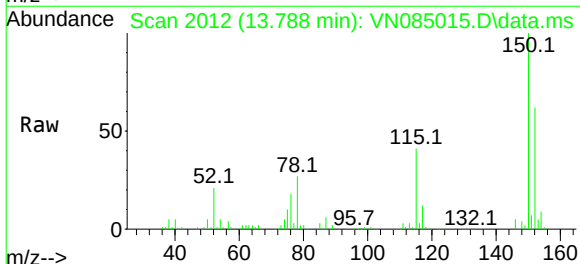
RT: 13.788 min Scan# 2012

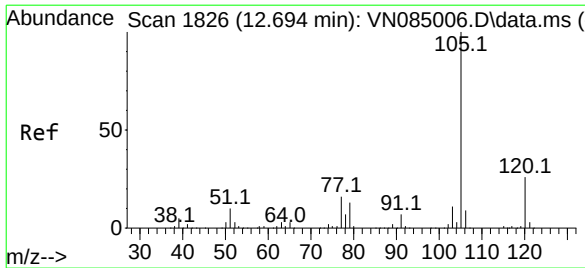
Delta R.T. 0.000 min

Lab File: VN085015.D

Acq: 22 Nov 2024 18:29

Tgt Ion:	152	Resp:	108827
Ion Ratio	Lower	Upper	
152	100		
115	63.5	31.7	95.1
150	163.9	0.0	351.4





#73

Isopropylbenzene

Concen: 19.579 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN085015.D

Acq: 22 Nov 2024 18:29

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

Tgt Ion: 105 Resp: 150312

Ion Ratio Lower Upper

105 100

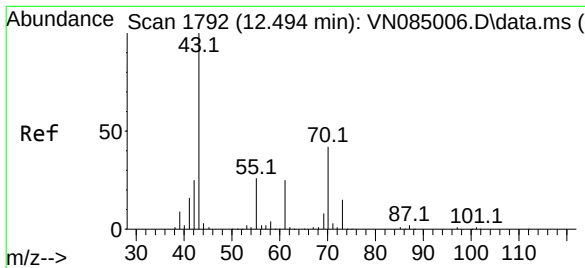
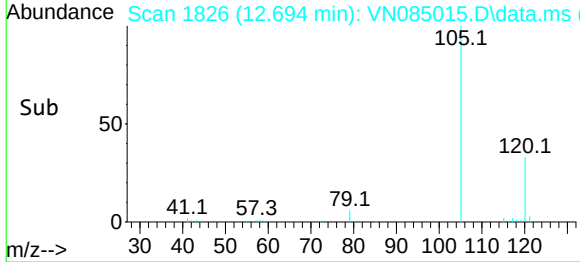
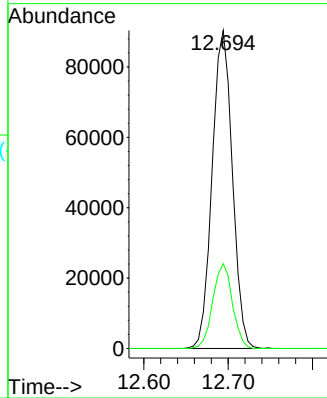
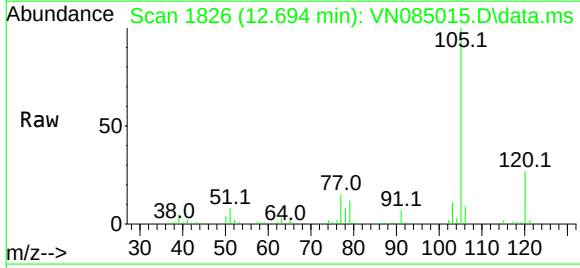
120 25.8 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#74

N-ethyl acetate

Concen: 20.409 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN085015.D

Acq: 22 Nov 2024 18:29

Tgt Ion: 43 Resp: 64567

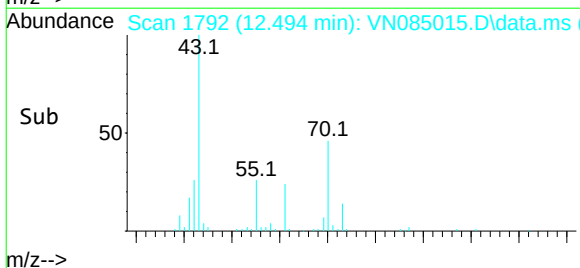
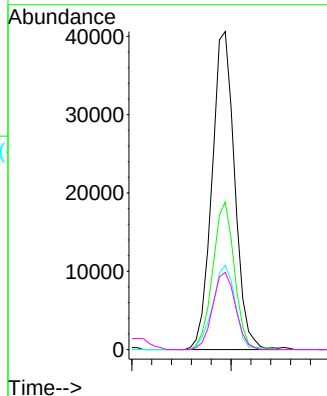
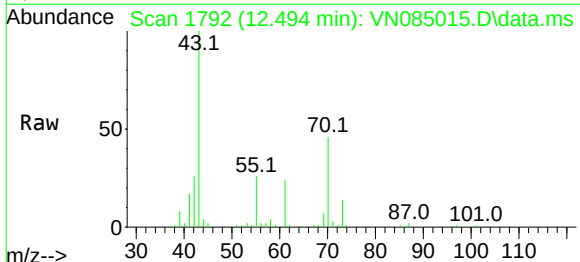
Ion Ratio Lower Upper

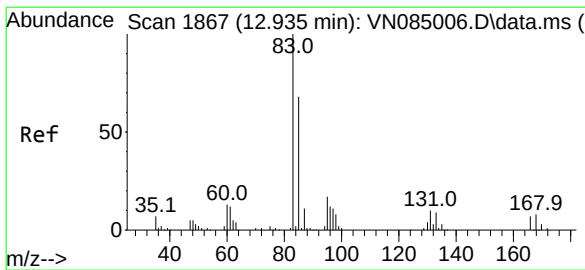
43 100

70 44.3 34.6 51.8

55 26.3 20.5 30.7

61 24.4 19.6 29.4





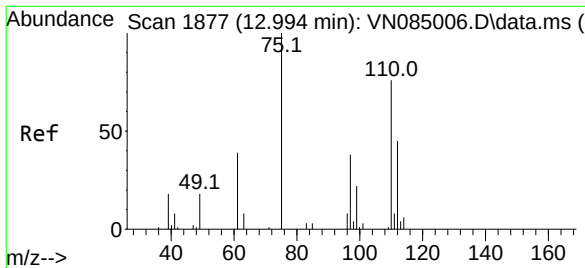
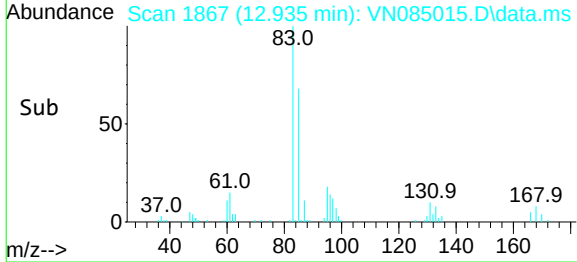
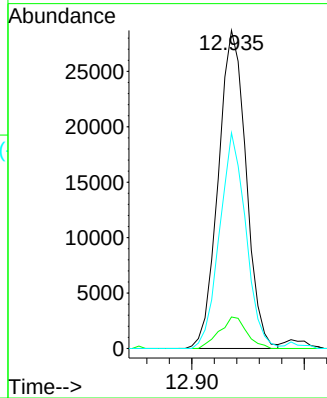
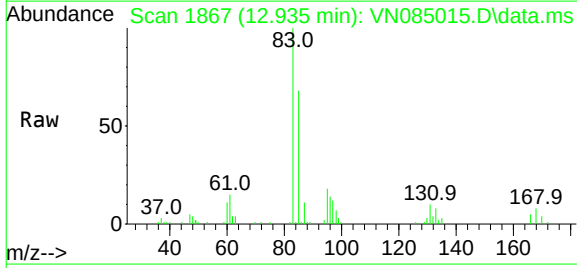
#75
1,1,2,2-Tetrachloroethane
Concen: 18.775 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion: 83 Resp: 49220
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.4
85 64.1 32.1 96.3

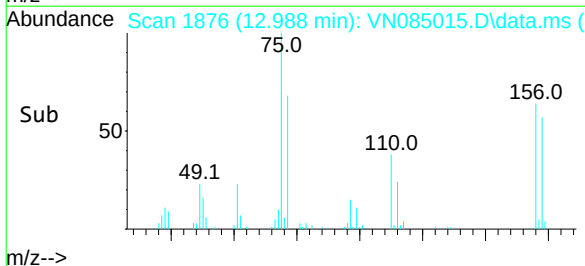
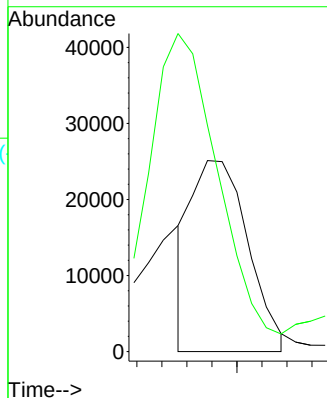
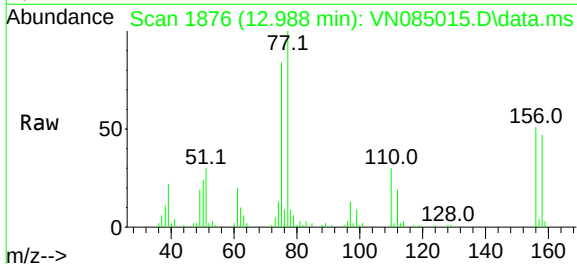
Manual Integrations
APPROVED

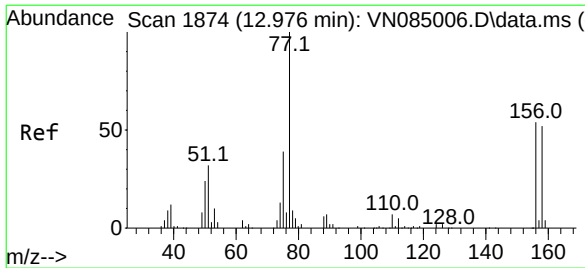
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#76
1,2,3-Trichloropropane
Concen: 19.976 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

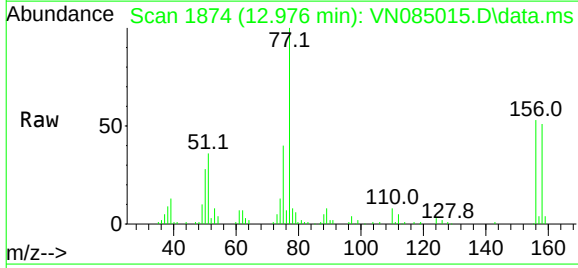
Tgt Ion: 75 Resp: 39543
Ion Ratio Lower Upper
75 100
77 212.5 109.1 327.4





#77
Bromobenzene
Concen: 18.890 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

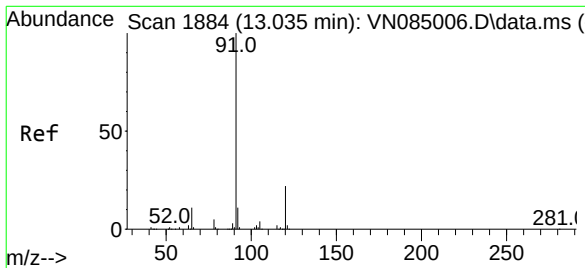
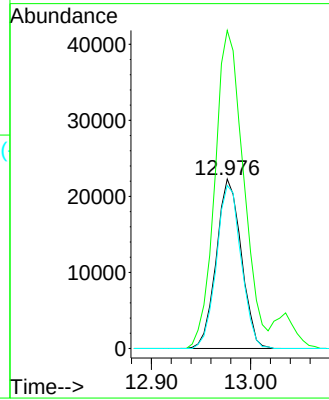
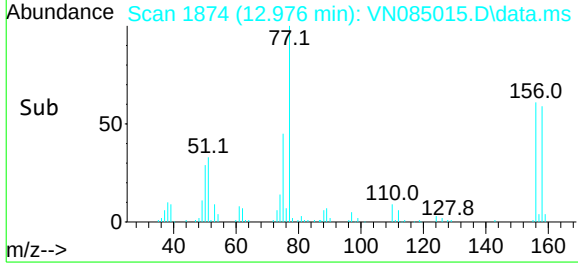
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



Tgt Ion: 156 Resp: 39028
Ion Ratio Lower Upper
156 100
77 215.3 107.2 321.6
158 94.9 48.5 145.6

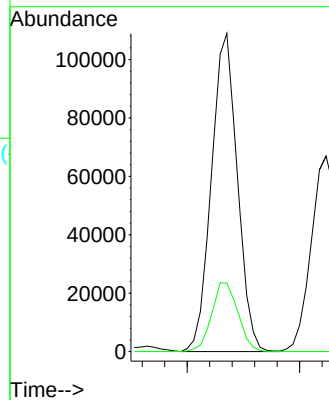
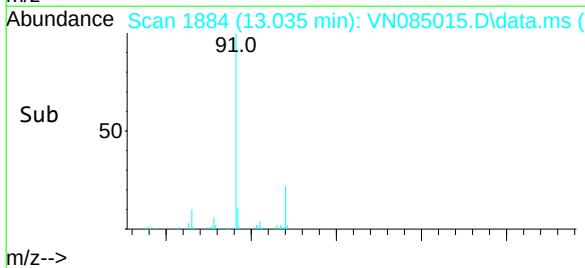
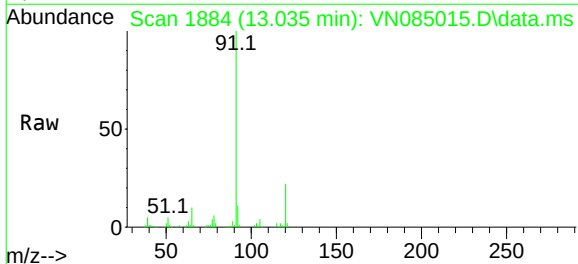
Manual Integrations
APPROVED

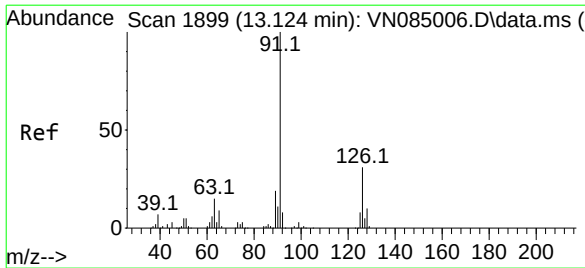
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#78
n-propylbenzene
Concen: 19.713 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Tgt Ion: 91 Resp: 174563
Ion Ratio Lower Upper
91 100
120 22.0 11.3 33.9





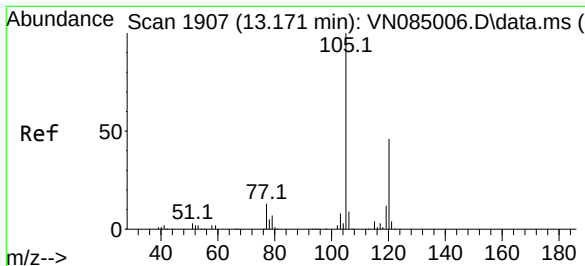
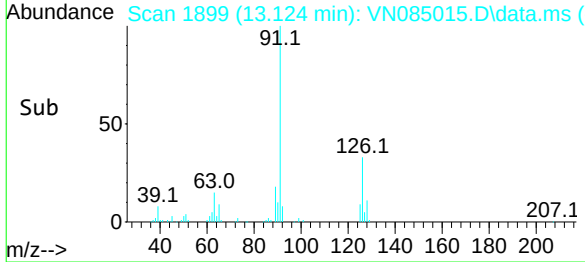
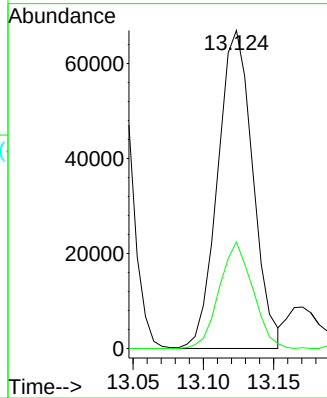
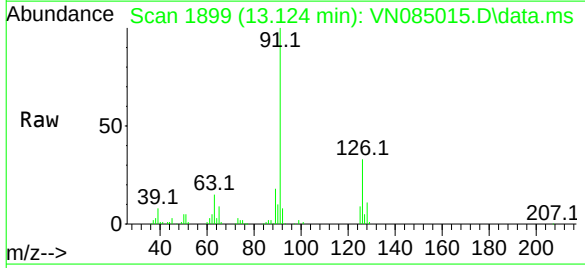
#79
2-Chlorotoluene
Concen: 19.674 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion: 91 Resp: 116299
Ion Ratio Lower Upper
91 100
126 31.9 16.1 48.3

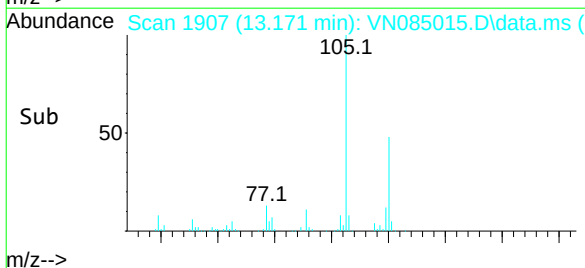
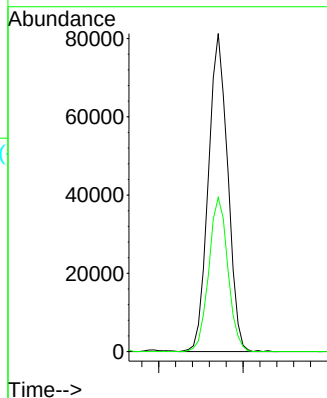
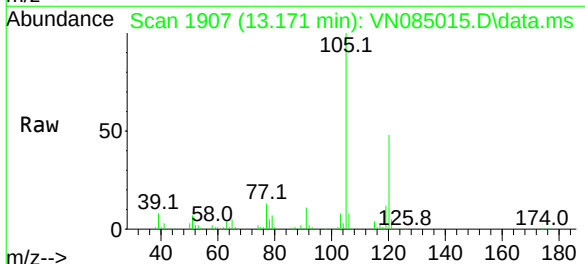
Manual Integrations
APPROVED

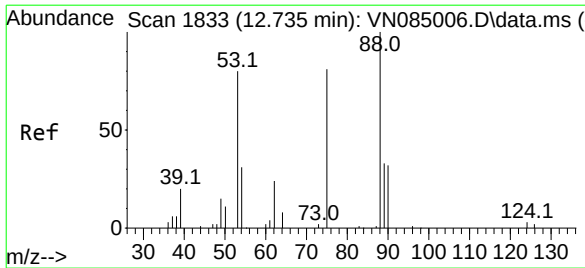
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.154 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

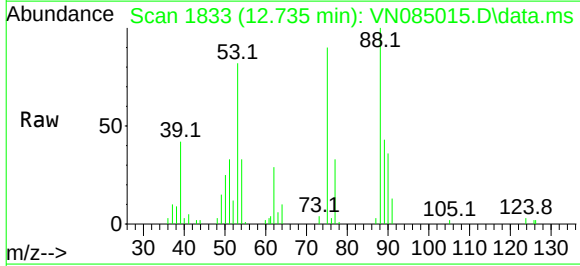
Tgt Ion:105 Resp: 129835
Ion Ratio Lower Upper
105 100
120 47.6 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 19.709 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

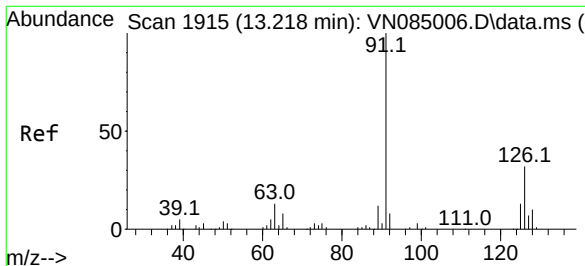
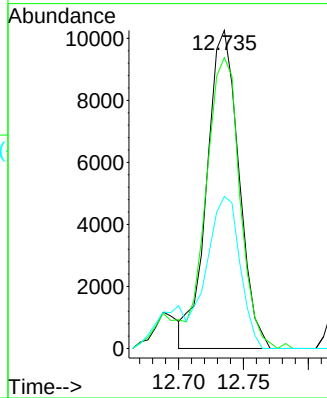
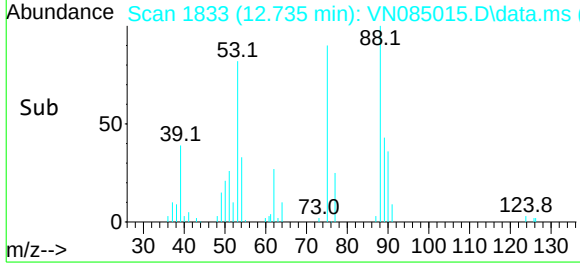
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



Tgt Ion: 75 Resp: 17673
Ion Ratio Lower Upper
75 100
53 94.7 78.2 117.4
89 49.5 37.9 56.9

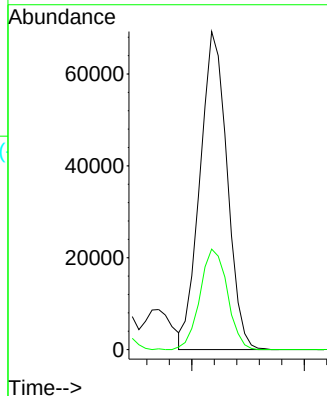
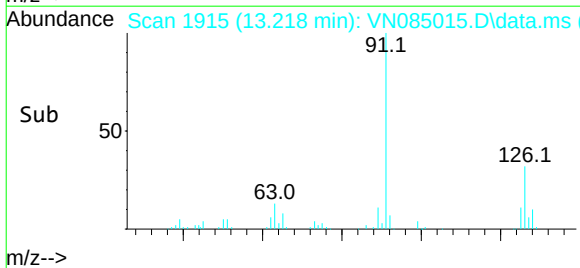
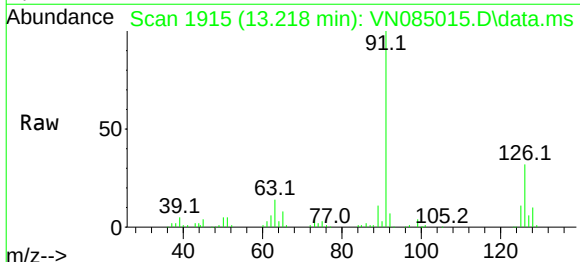
Manual Integrations
APPROVED

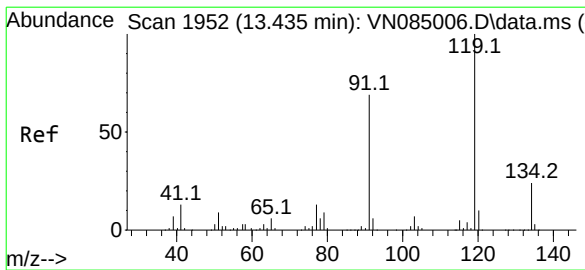
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#82
4-Chlorotoluene
Concen: 18.867 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Tgt Ion: 91 Resp: 116103
Ion Ratio Lower Upper
91 100
126 31.9 16.1 48.3





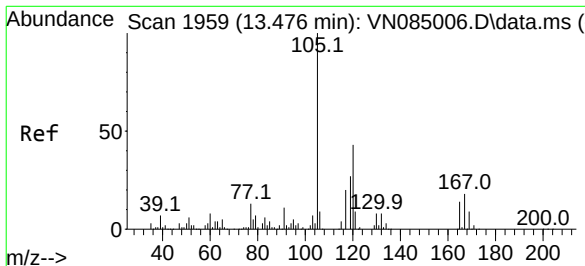
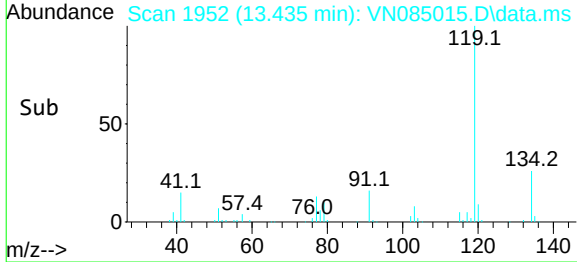
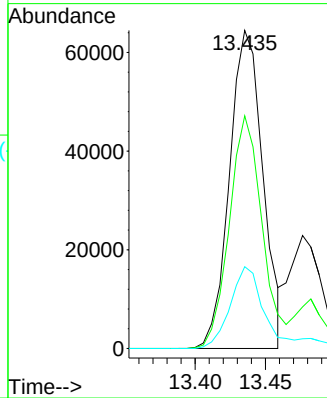
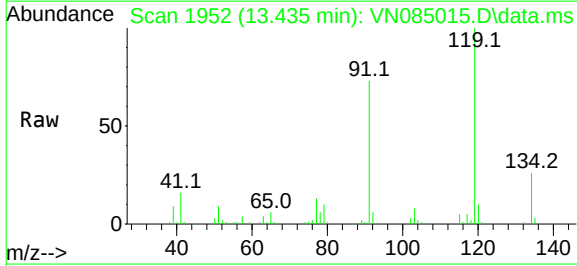
#83
tert-Butylbenzene
Concen: 19.208 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion:119 Resp: 106468
Ion Ratio Lower Upper
119 100
91 72.0 35.1 105.5
134 25.5 12.1 36.3

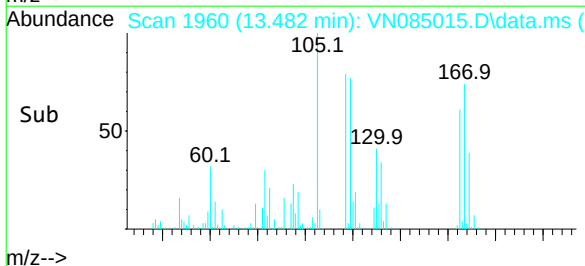
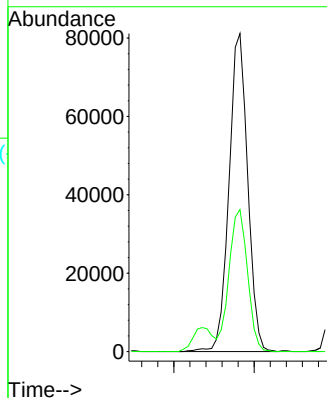
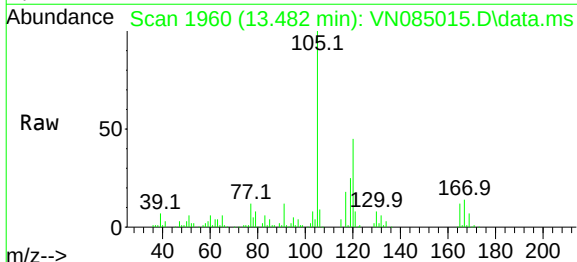
Manual Integrations
APPROVED

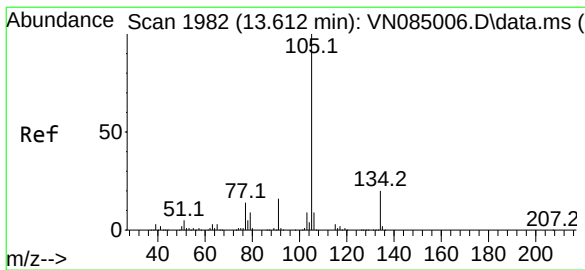
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#84
1,2,4-Trimethylbenzene
Concen: 19.740 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Tgt Ion:105 Resp: 130906
Ion Ratio Lower Upper
105 100
120 44.3 21.8 65.4





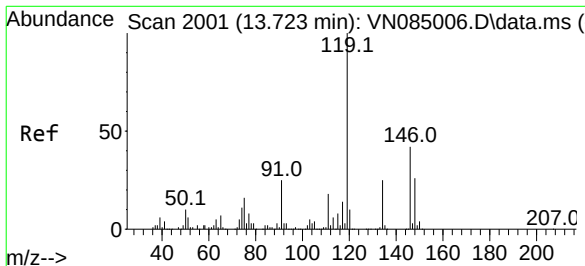
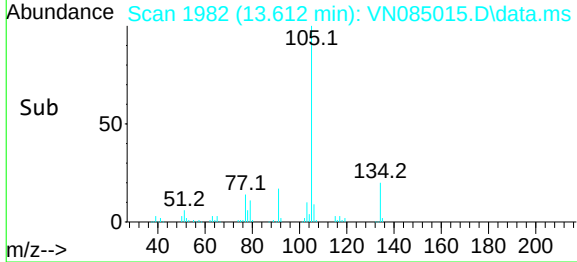
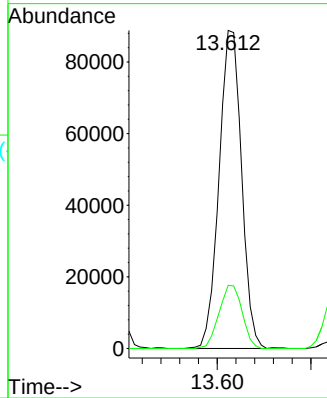
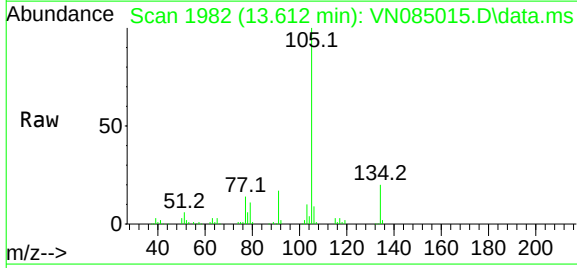
#85
sec-Butylbenzene
Concen: 19.760 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion:105 Resp: 147959
Ion Ratio Lower Upper
105 100
134 20.4 9.8 29.3

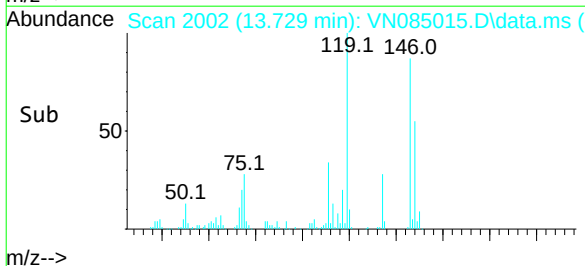
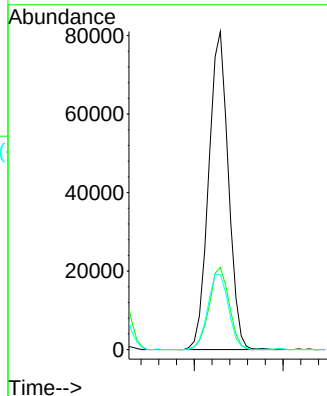
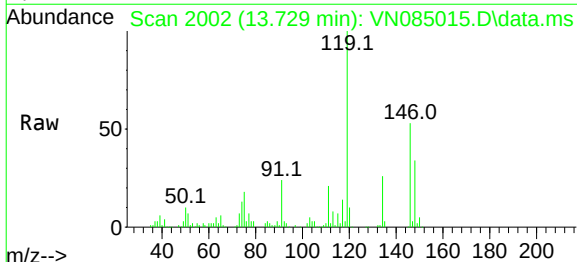
Manual Integrations
APPROVED

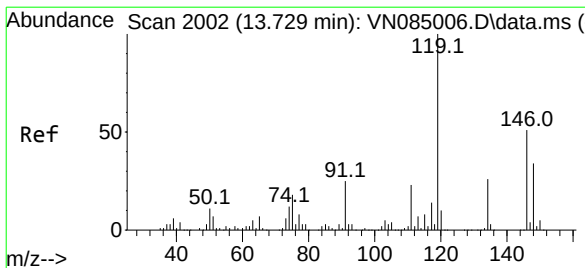
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#86
p-Isopropyltoluene
Concen: 20.182 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

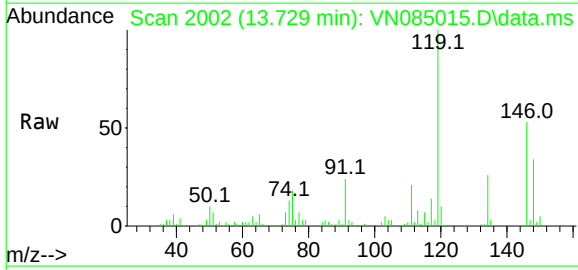
Tgt Ion:119 Resp: 124747
Ion Ratio Lower Upper
119 100
134 26.2 13.0 39.0
91 25.2 12.8 38.4





#87
1,3-Dichlorobenzene
Concen: 17.341 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

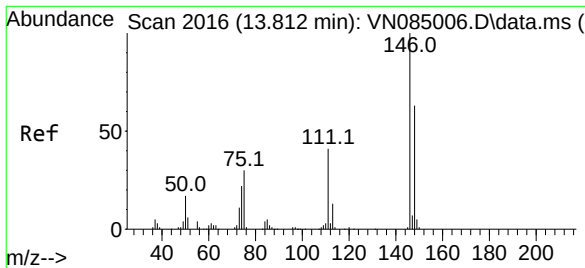
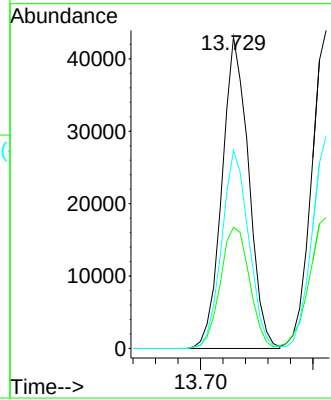
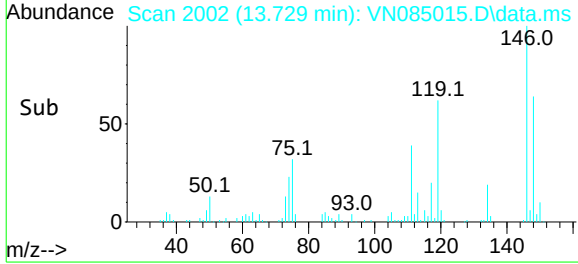
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



Tgt Ion:146 Resp: 70666
Ion Ratio Lower Upper
146 100
111 42.7 21.6 65.0
148 64.5 32.2 96.6

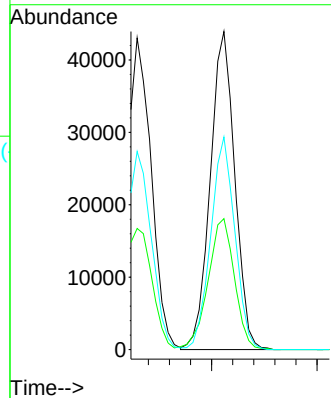
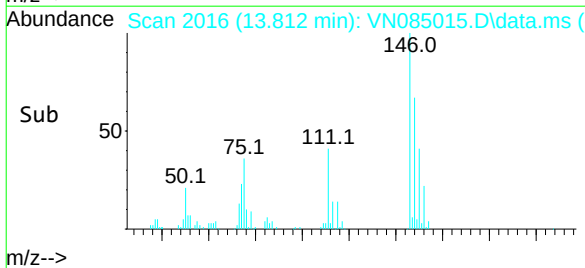
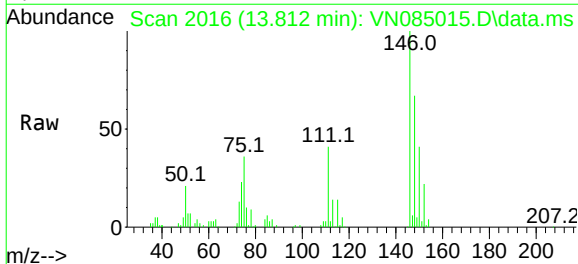
Manual Integrations
APPROVED

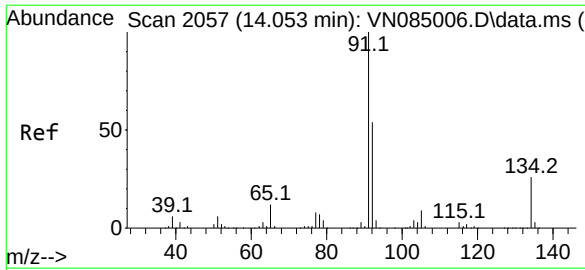
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#88
1,4-Dichlorobenzene
Concen: 17.106 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Tgt Ion:146 Resp: 71136
Ion Ratio Lower Upper
146 100
111 44.3 20.9 62.8
148 65.7 31.3 93.9





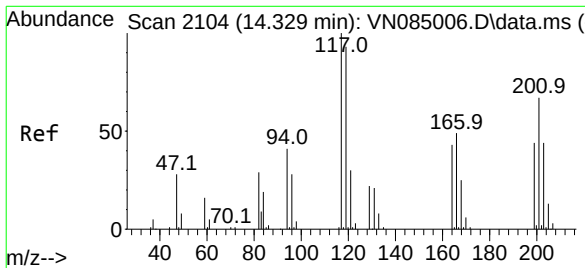
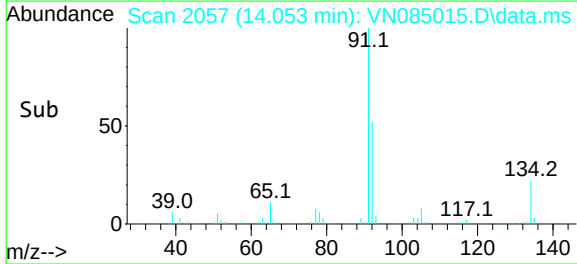
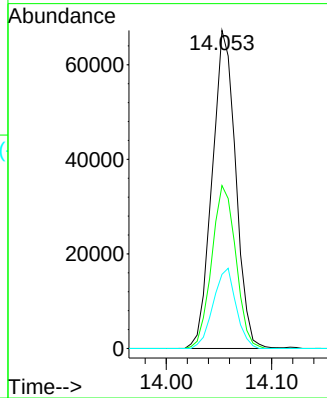
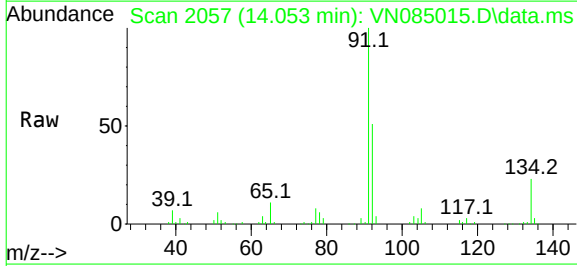
#89
n-Butylbenzene
Concen: 18.143 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion:	91	Resp:	104292
Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.8	80.3
134	24.5	12.8	38.4

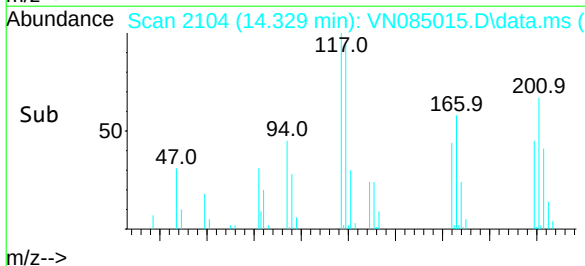
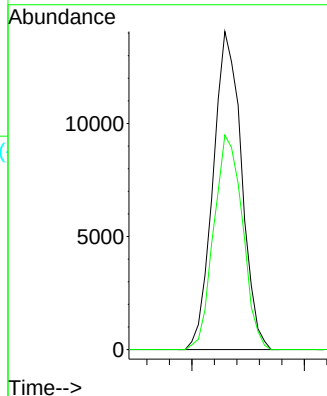
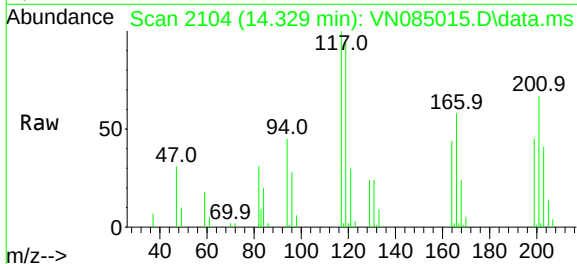
Manual Integrations
APPROVED

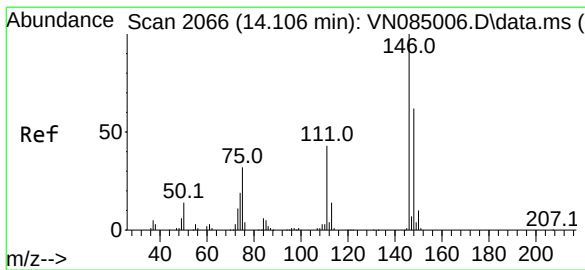
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#90
Hexachloroethane
Concen: 18.317 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Tgt Ion:	117	Resp:	24680
Ion	Ratio	Lower	Upper
117	100		
201	68.1	35.2	105.6





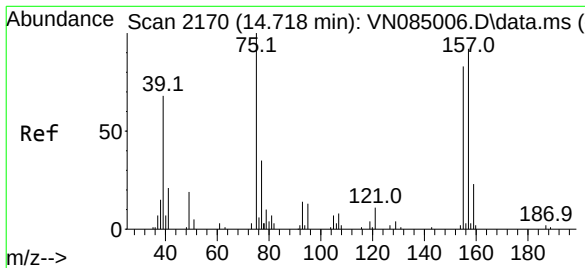
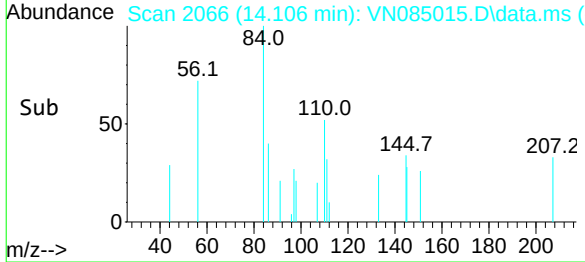
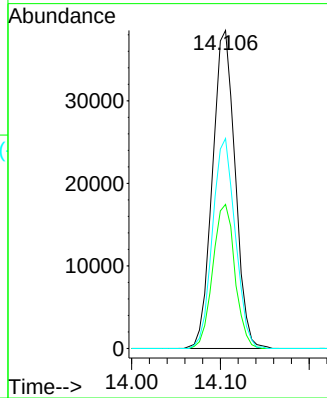
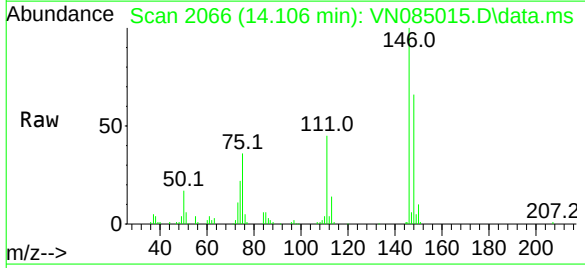
#91
1,2-Dichlorobenzene
Concen: 17.521 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion:	146	Resp:	68419
Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.9	65.8
148	66.1	31.1	93.2

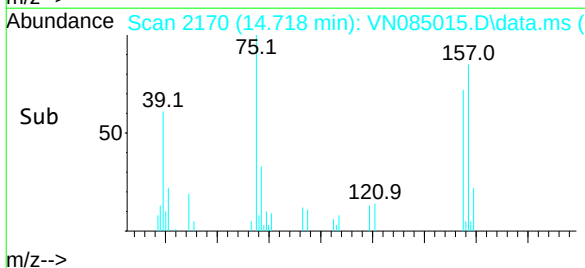
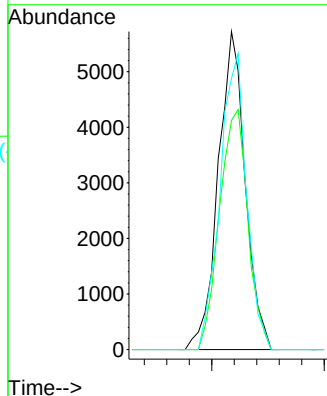
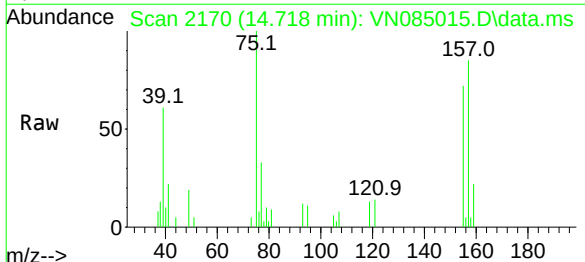
Manual Integrations
APPROVED

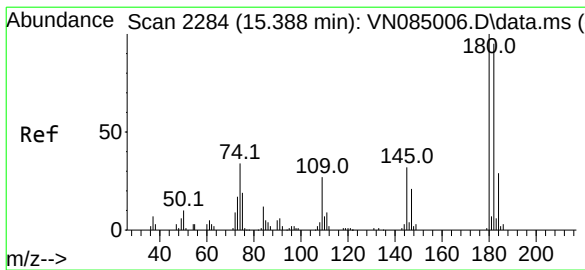
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.838 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN085015.D
Acq: 22 Nov 2024 18:29

Tgt Ion:	75	Resp:	9550
Ion	Ratio	Lower	Upper
75	100		
155	79.0	38.9	116.7
157	91.1	48.3	144.9





#93

1,2,4-Trichlorobenzene

Concen: 15.812 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN085015.D

Acq: 22 Nov 2024 18:29

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

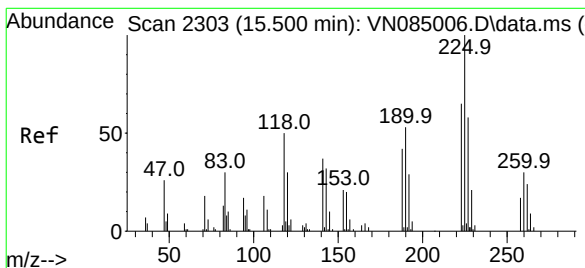
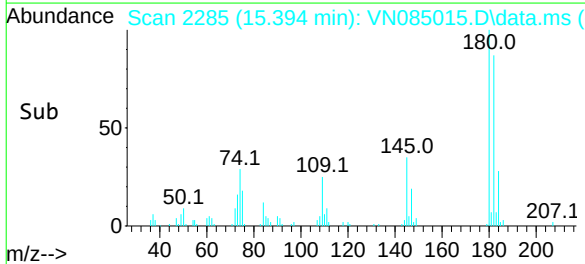
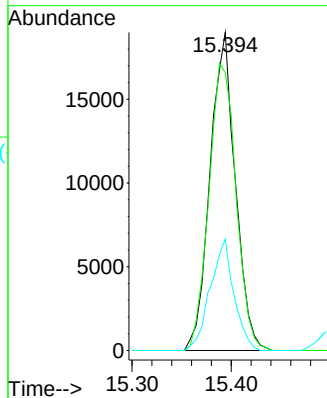
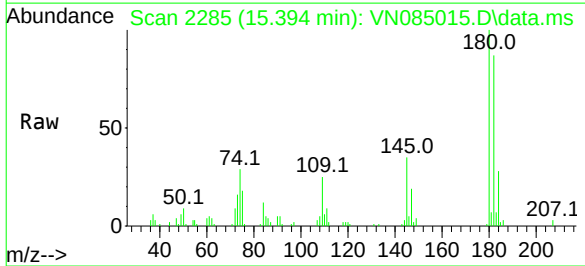
Tgt Ion:	180	Resp:	33545
Ion Ratio	Lower	Upper	
180	100		
182	97.3	46.9	140.8
145	32.9	16.3	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#94

Hexachlorobutadiene

Concen: 17.091 ug/l

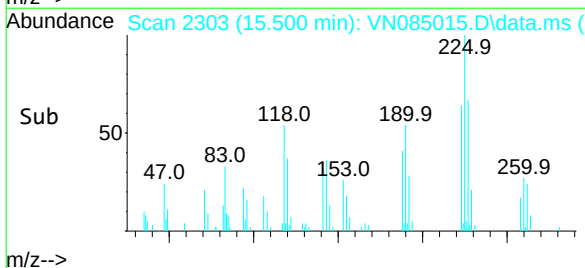
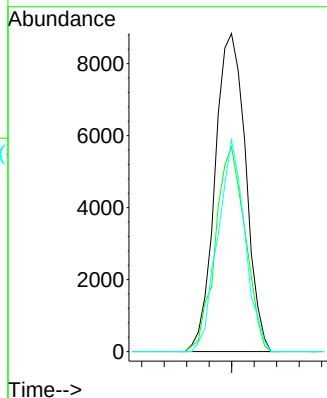
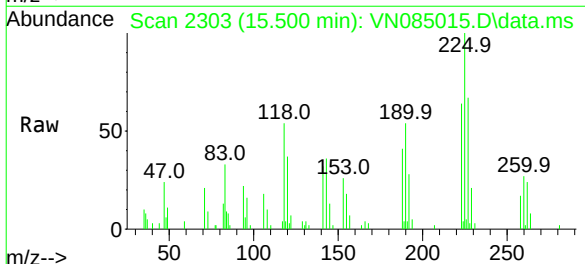
RT: 15.500 min Scan# 2303

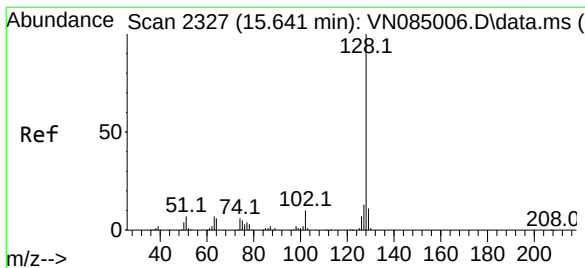
Delta R.T. 0.000 min

Lab File: VN085015.D

Acq: 22 Nov 2024 18:29

Tgt Ion:	225	Resp:	16733
Ion Ratio	Lower	Upper	
225	100		
223	62.6	30.9	92.8
227	59.0	31.5	94.5





#95

Naphthalene

Concen: 17.550 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN085015.D

Acq: 22 Nov 2024 18:29

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

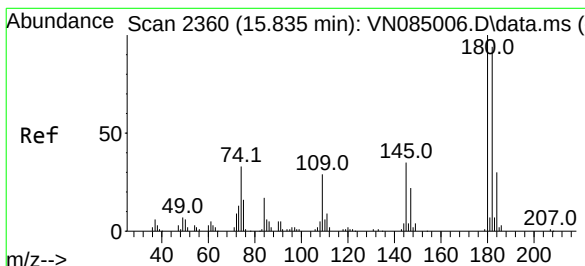
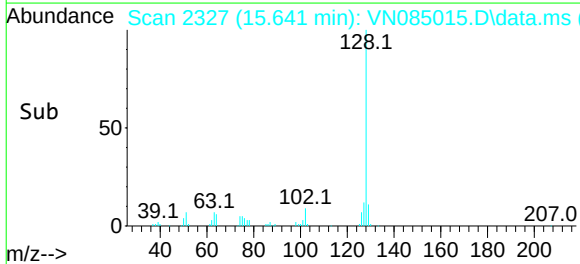
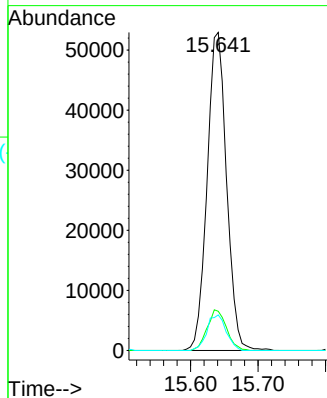
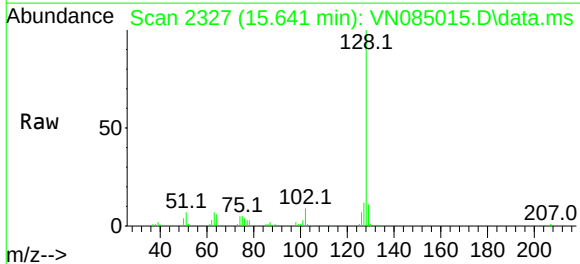
Tgt Ion:	128	Resp:	106039
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	16.0
129	11.1	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#96

1,2,3-Trichlorobenzene

Concen: 16.692 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085015.D

Acq: 22 Nov 2024 18:29

Tgt Ion:	180	Resp:	33788
Ion Ratio	Lower	Upper	
180	100		
182	91.9	46.4	139.2
145	36.4	17.3	52.0

