

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111524\
 Data File : VN084868.D
 Acq On : 15 Nov 2024 14:26
 Operator : JC\MD
 Sample : VN1115WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBS01

Quant Time: Nov 15 22:23:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2024
 Supervised By : Mahesh Dadoda 11/18/2024

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

Internal Standards						
1) Bromochloromethane	7.812	128	28727	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	152762	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	143052	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	70943	30.718	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.400%			
60) 4-Bromofluorobenzene	12.847	95	74373	30.195	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.633%			
63) Toluene-d8	10.565	98	201331	29.729	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	34534	20.669	ug/l	98
3) Chloromethane	2.359	50	41270	20.516	ug/l	97
4) Vinyl Chloride	2.512	62	40871	21.880	ug/l	92
5) Bromomethane	2.901	94	21124	22.280	ug/l	99
6) Chloroethane	3.077	64	25824	21.055	ug/l	94
7) Trichlorofluoromethane	3.471	101	62262	20.524	ug/l	99
8) Diethyl Ether	3.953	74	19593	18.106	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.359	101	35667	20.804	ug/l	97
10) 1,1-Dichloroethene	4.330	96	32031	19.133	ug/l	94
11) Methyl Iodide	4.577	142	45443	19.749	ug/l	92
12) Methyl Acetate	5.024	43	42380	16.240	ug/l	99
13) Acrolein	4.177	56	33579	104.345	ug/l	98
14) Acrylonitrile	5.712	53	77581	90.876	ug/l	100
15) Acetone	4.424	58	19745	90.014	ug/l	90
16) Carbon Disulfide	4.700	76	89763	18.222	ug/l	96
17) Allyl chloride	5.012	41	50194	17.595	ug/l	90
18) Methylene Chloride	5.265	84	36904	18.811	ug/l	97
19) trans-1,2-Dichloroethene	5.777	96	32910	18.754	ug/l	90
20) Diisopropyl ether	6.665	45	102791	18.000	ug/l	99
21) 1,1-Dichloroethane	6.565	63	64632	18.819	ug/l	98
22) cis-1,2-Dichloroethene	7.477	96	39664	18.932	ug/l	97
23) tert-Butyl Alcohol	5.536	59	25850	86.733	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	101249	18.702	ug/l	99
25) Chloroform	7.959	83	68134	19.364	ug/l	95
26) Cyclohexane	8.253	56	52497	20.012	ug/l #	96
29) 1,1-Dichloropropene	8.371	75	46466	20.195	ug/l	98
30) 2-Butanone	7.483	43	100352	94.549	ug/l #	96
31) 2,2-Dichloropropane	7.483	77	60717	21.617	ug/l	100
32) 1,1,1-Trichloroethane	8.159	97	62329	19.939	ug/l	97
33) Carbon Tetrachloride	8.359	117	54595	20.468	ug/l	99
34) Benzene	8.600	78	146411	19.251	ug/l #	95
35) Methacrylonitrile	7.777	41	22140	17.600	ug/l	92
36) 1,2-Dichloroethane	8.665	62	49956	19.752	ug/l	99
37) Trichloroethene	9.347	130	33608	19.588	ug/l	94
38) Methylcyclohexane	9.600	83	44752	18.067	ug/l	95
39) 1,2-Dichloropropane	9.618	63	35016	19.126	ug/l	100
40) Dibromomethane	9.706	93	25870	20.199	ug/l	96
41) Bromodichloromethane	9.882	83	52771	19.220	ug/l	98
42) Vinyl Acetate	6.594	43	363526	91.632	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	41308	18.522	ug/l	99
44) Isopropyl Acetate	8.688	43	73623	16.303	ug/l	96
45) 1,4-Dioxane	9.700	88	11872	393.773	ug/l	97
46) Methyl methacrylate	9.677	41	32885	18.120	ug/l	86
47) n-amyl Acetate	12.494	43	59673	17.693	ug/l	100
48) t-1,3-Dichloropropene	10.829	75	50245	18.533	ug/l	98
49) cis-1,3-Dichloropropene	10.312	75	55343	19.047	ug/l	95
50) 1,1,2-Trichloroethane	11.012	97	34982	20.363	ug/l	96
51) Ethyl methacrylate	10.871	69	47292	17.859	ug/l	97
52) 1,3-Dichloropropane	11.159	76	57505	19.284	ug/l	99
53) Dibromochloromethane	11.359	129	39398	19.597	ug/l	98
54) 1,2-Dibromoethane	11.465	107	34447	19.825	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	98981	76.240	ug/l	98
56) Bromoform	12.576	173	25674	19.052	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	212863	94.320	ug/l	98
59) 2-Hexanone	11.194	43	160631	97.200	ug/l	99
61) Tetrachloroethene	11.100	164	29978	20.024	ug/l	91
62) Toluene	10.629	91	152841	18.759	ug/l	100
64) Chlorobenzene	11.888	112	96941	19.709	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	36346	20.106	ug/l	97
66) Ethyl Benzene	11.959	91	158414	18.501	ug/l	93
67) m/p-Xylenes	12.071	106	124496	37.976	ug/l	99
68) o-Xylene	12.400	106	58772	18.585	ug/l	96
69) Styrene	12.412	104	99743	18.812	ug/l	99
70) Isopropylbenzene	12.694	105	151576	19.295	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.941	83	50929	20.002	ug/l	94
72) 1,2,3-Trichloropropane	12.994	75	39398m	18.121	ug/l	
73) Bromobenzene	12.976	156	38909	19.204	ug/l	98
74) n-propylbenzene	13.035	91	176634	19.229	ug/l	100
75) 2-Chlorotoluene	13.123	91	114798	19.190	ug/l	95
76) 1,3,5-Trimethylbenzene	13.171	105	132899	19.800	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	16769	18.806	ug/l	94
78) 4-Chlorotoluene	13.218	91	117611	19.459	ug/l	97
79) tert-butylbenzene	13.435	119	105399	18.989	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	134591	19.877	ug/l	99
81) sec-Butylbenzene	13.618	105	150165	19.633	ug/l	99
82) p-Isopropyltoluene	13.729	119	125386	19.511	ug/l	98
83) 1,3-Dichlorobenzene	13.729	146	74185	19.798	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	72940	19.700	ug/l	99
85) n-Butylbenzene	14.053	91	101044	18.720	ug/l	99
86) Hexachloroethane	14.335	117	26188	19.925	ug/l	100
87) 1,2-Dichlorobenzene	14.106	146	72712	19.692	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	9692	19.727	ug/l	97
89) 1,2,4-Trichlorobenzene	15.835	180	33546	18.659	ug/l	95
90) Hexachlorobutadiene	15.500	225	18385	23.410	ug/l	94
91) Naphthalene	15.641	128	100764	17.550	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	33546	18.659	ug/l	95

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

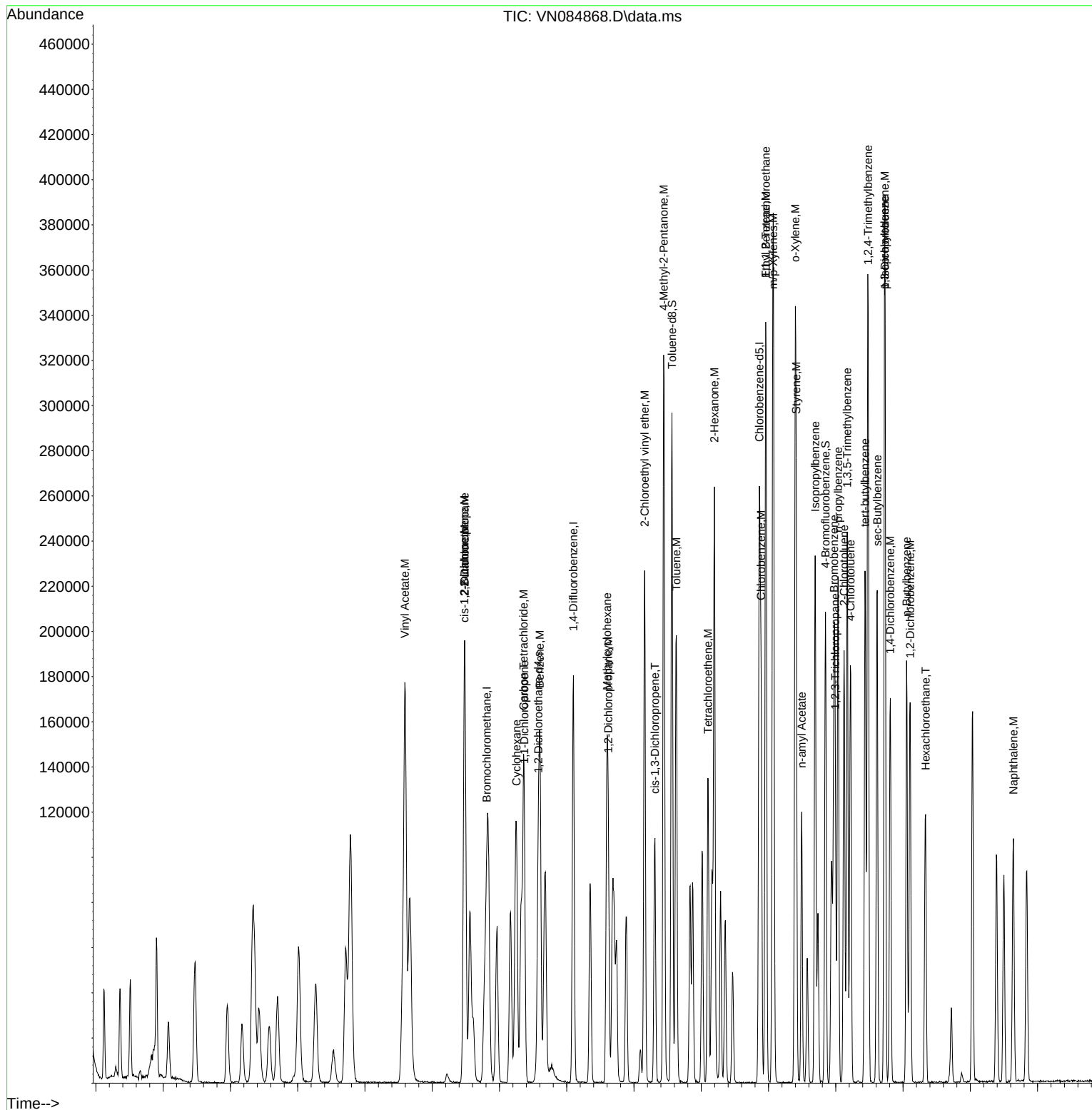
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111524\
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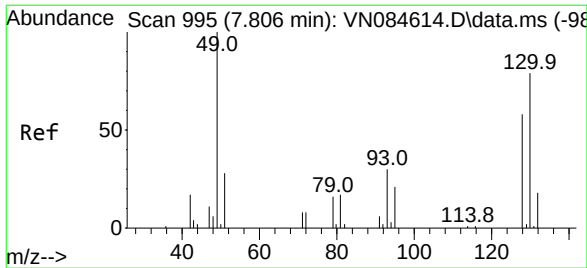
Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations
APPROVED

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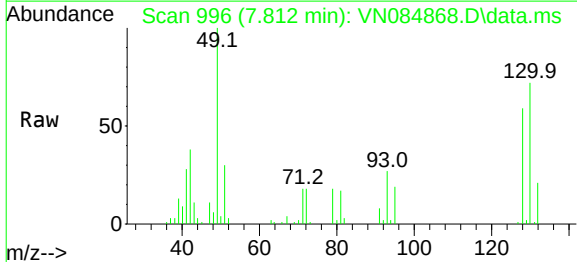
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 01 02:38:04 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 995
Delta R.T. 0.006 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

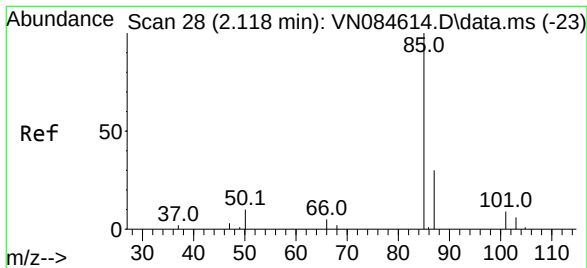
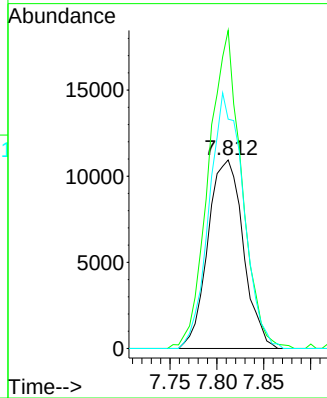
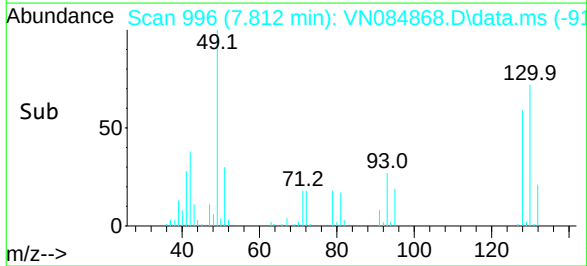
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01



Tgt Ion:128 Resp: 28727
Ion Ratio Lower Upper
128 100
49 157.3 0.0 427.0
130 131.1 0.0 322.2

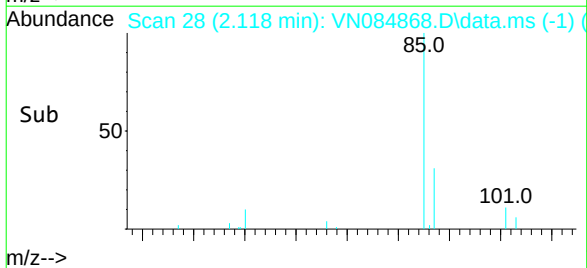
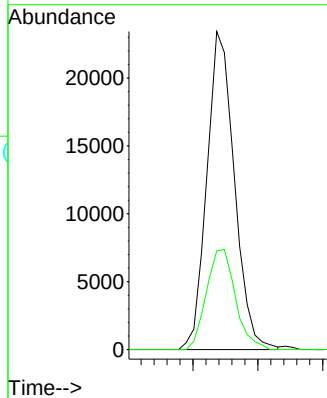
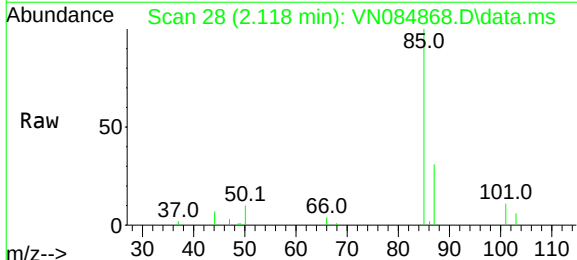
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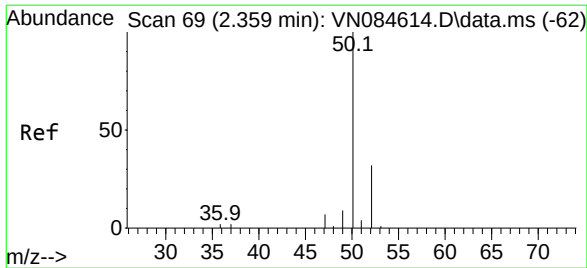
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#2
Dichlorodifluoromethane
Concen: 20.669 ug/l
RT: 2.118 min Scan# 28
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Tgt Ion: 85 Resp: 34534
Ion Ratio Lower Upper
85 100
87 31.0 14.9 44.9





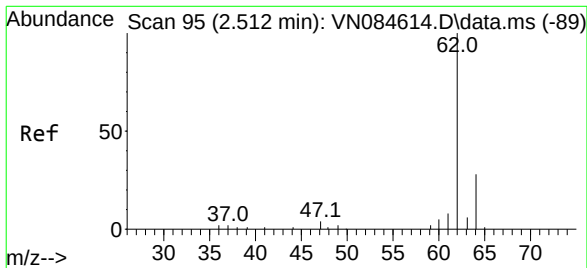
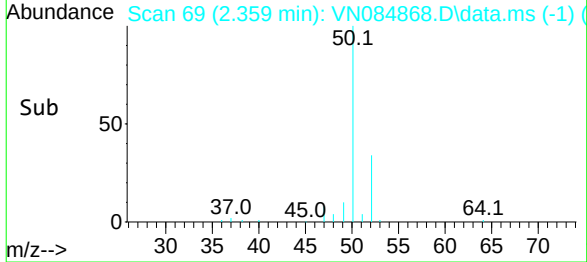
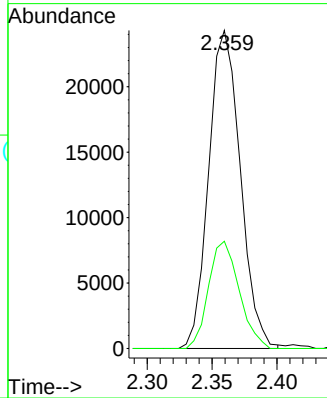
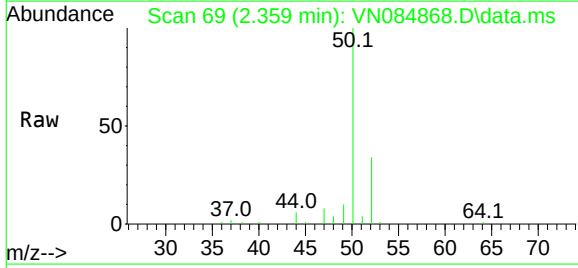
#3
Chloromethane
Concen: 20.516 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

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Tgt Ion: 50 Resp: 41270
Ion Ratio Lower Upper
50 100
52 33.7 25.5 38.3

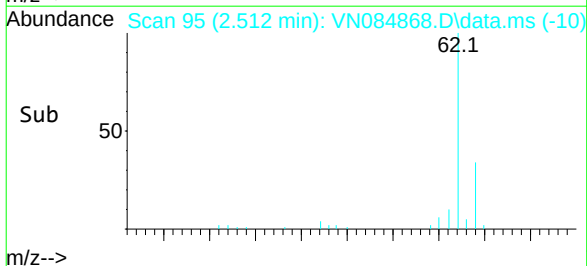
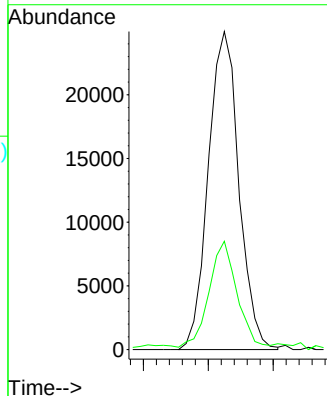
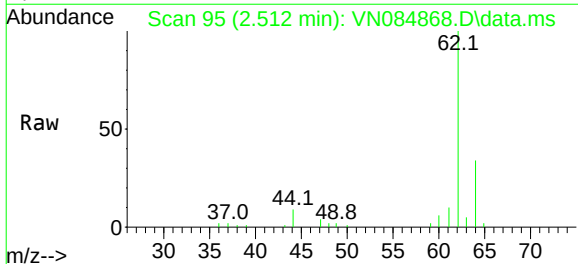
Manual Integrations
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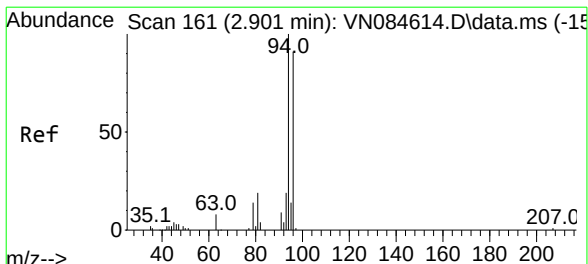
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#4
Vinyl Chloride
Concen: 21.880 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Tgt Ion: 62 Resp: 40871
Ion Ratio Lower Upper
62 100
64 33.3 23.1 34.7





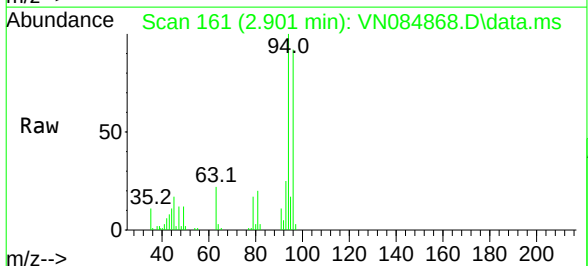
#5
 Bromomethane
 Concen: 22.280 ug/l
 RT: 2.901 min Scan# 16
 Delta R.T. 0.000 min
 Lab File: VN084868.D
 Acq: 15 Nov 2024 14:26

Instrument :

MSVOA_N

ClientSampleId :

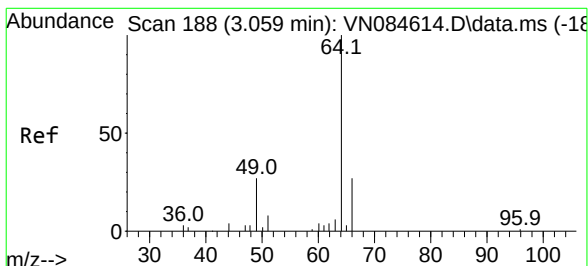
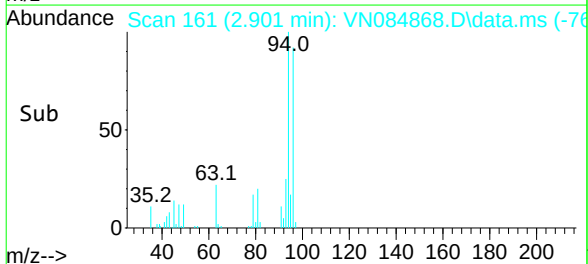
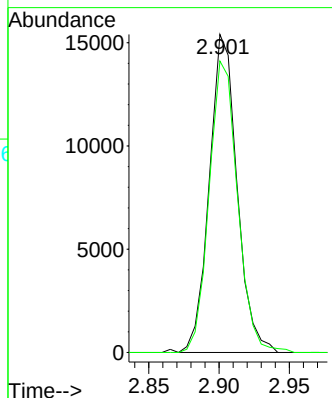
VN1115WBS01



Tgt Ion: 94 Resp: 21124
 Ion Ratio Lower Upper
 94 100
 96 91.6 72.7 109.1

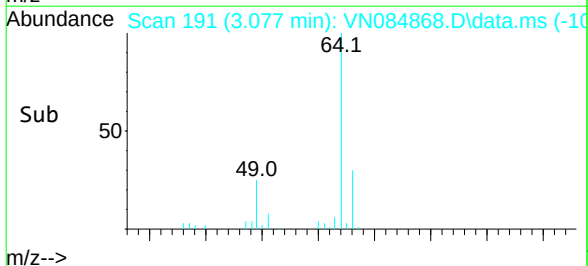
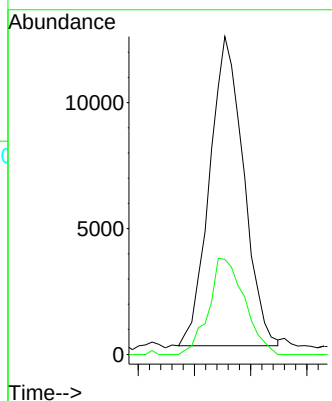
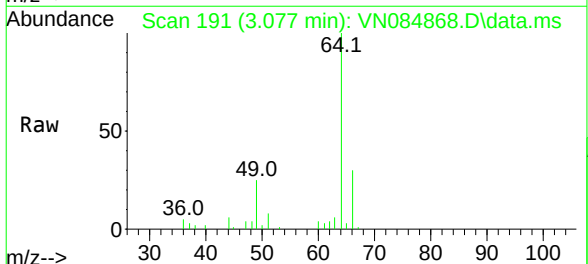
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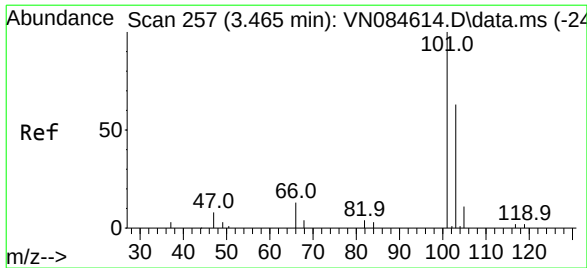
Reviewed By :John Carlone 11/17/2024
 Supervised By :Mahesh Dadoda 11/18/2024



#6
 Chloroethane
 Concen: 21.055 ug/l
 RT: 3.077 min Scan# 191
 Delta R.T. 0.018 min
 Lab File: VN084868.D
 Acq: 15 Nov 2024 14:26

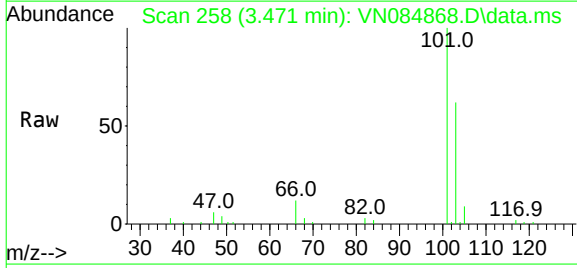
Tgt Ion: 64 Resp: 25824
 Ion Ratio Lower Upper
 64 100
 66 30.8 22.1 33.1





#7
 Trichlorofluoromethane
 Concen: 20.524 ug/l
 RT: 3.471 min Scan# 257
 Delta R.T. 0.006 min
 Lab File: VN084868.D
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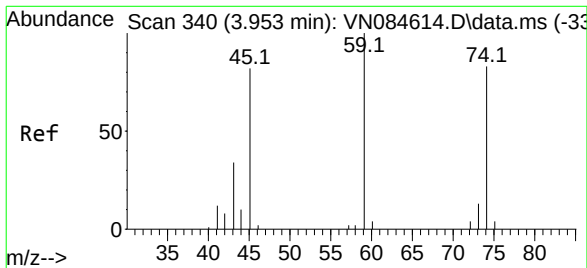
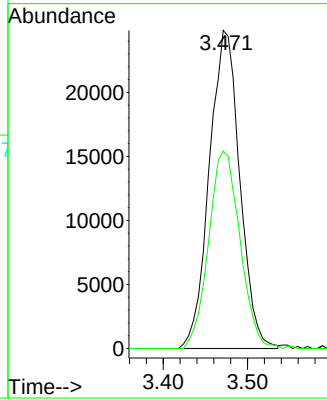
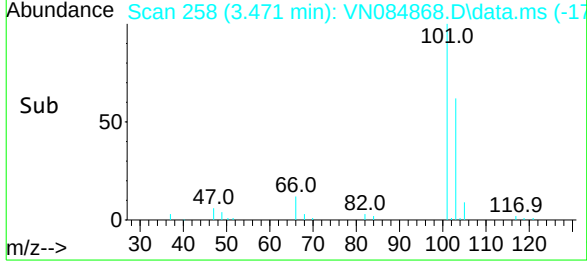
Instrument :
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Tgt Ion: 101 Resp: 62262
 Ion Ratio Lower Upper
 101 100
 103 62.1 50.1 75.1

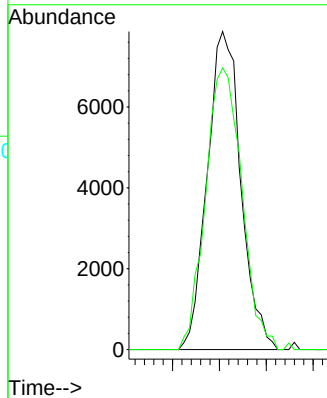
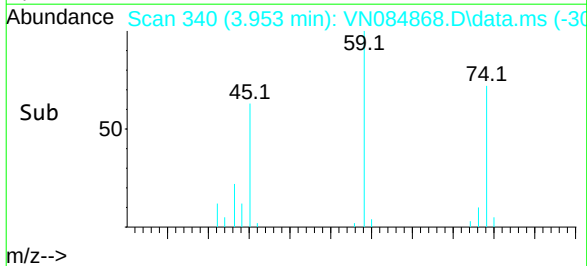
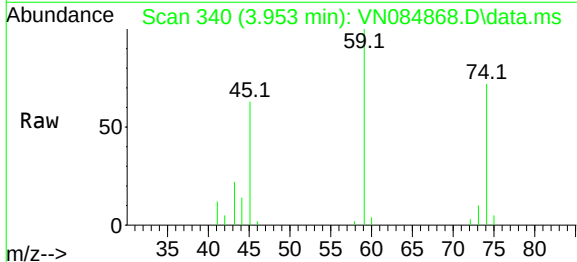
Manual Integrations
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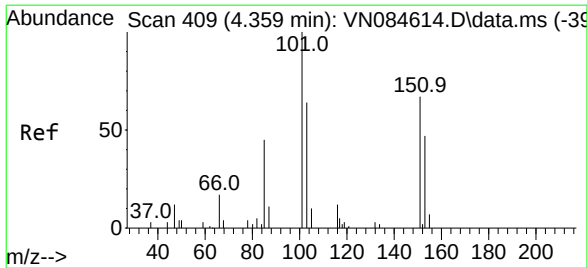
Reviewed By : John Carlone 11/17/2024
 Supervised By : Mahesh Dadoda 11/18/2024



#8
 Diethyl Ether
 Concen: 18.106 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VN084868.D
 Acq: 15 Nov 2024 14:26

Tgt Ion: 74 Resp: 19593
 Ion Ratio Lower Upper
 74 100
 45 95.7 19.8 178.4





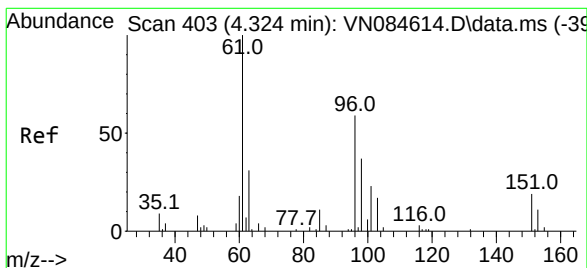
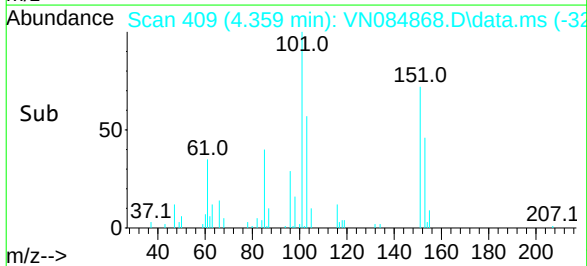
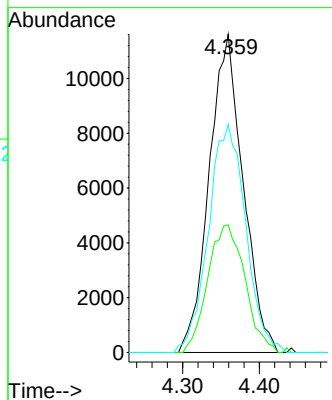
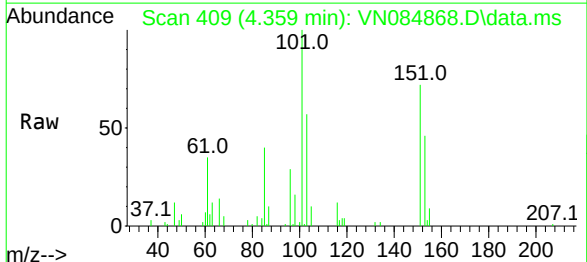
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.804 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.000 min
Lab File: VN084868.D
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Instrument :
MSVOA_N
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Tgt Ion:101 Resp: 35667
Ion Ratio Lower Upper
101 100
85 43.9 0.0 89.6
151 78.7 0.0 149.4

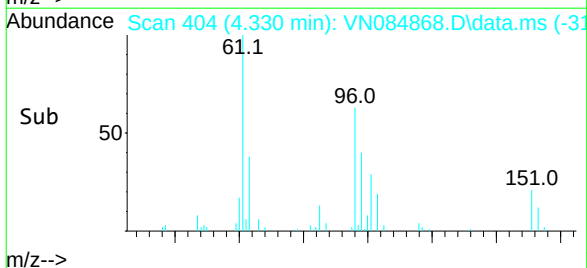
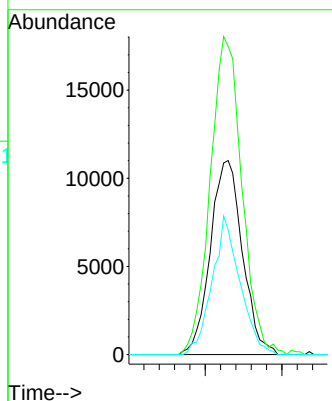
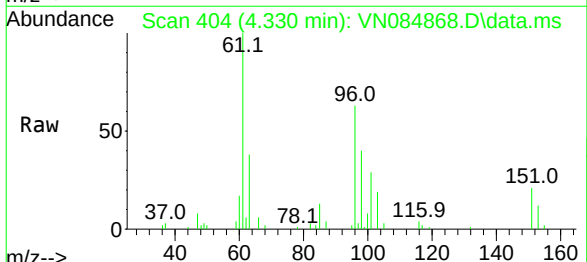
Manual Integrations
APPROVED

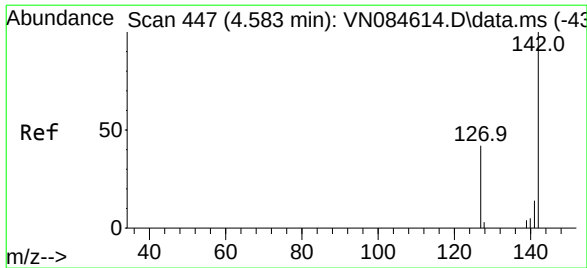
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#10
1,1-Dichloroethene
Concen: 19.133 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.006 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

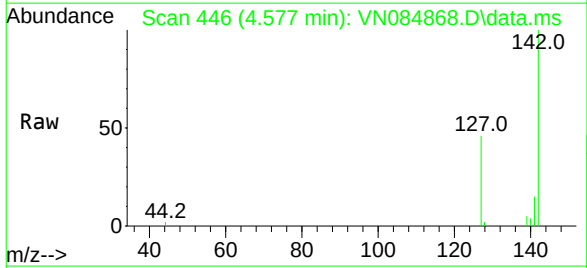
Tgt Ion: 96 Resp: 32031
Ion Ratio Lower Upper
96 100
61 158.8 135.1 202.7
98 64.2 50.4 75.6





#11
Methyl Iodide
Concen: 19.749 ug/l
RT: 4.577 min Scan# 44
Delta R.T. -0.006 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

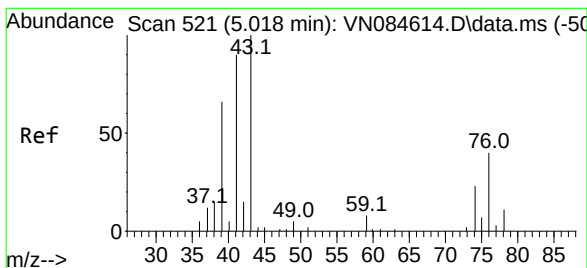
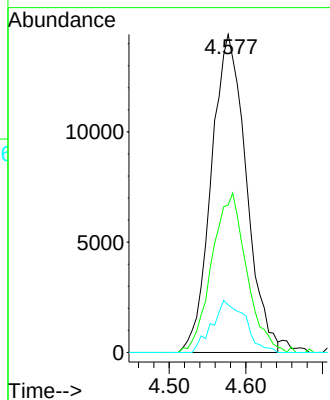
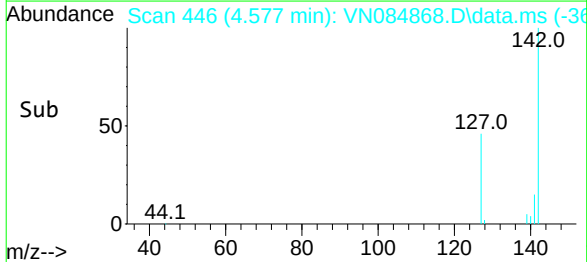
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01



Tgt Ion: 142 Resp: 45443
Ion Ratio Lower Upper
142 100
127 46.2 20.3 60.9
141 15.2 6.9 20.7

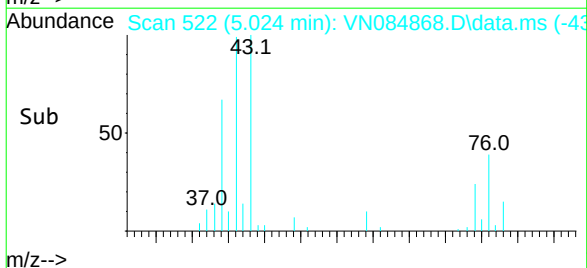
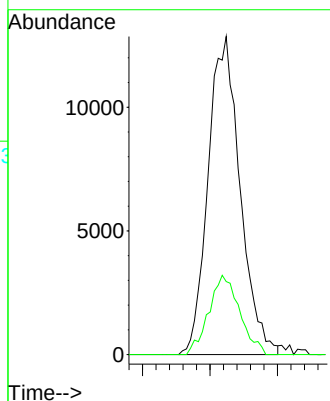
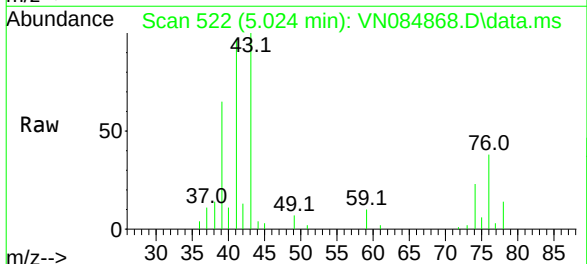
Manual Integrations
APPROVED

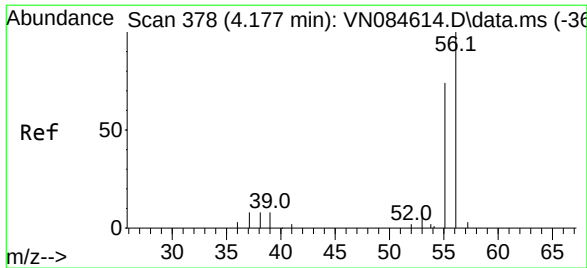
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#12
Methyl Acetate
Concen: 16.240 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Tgt Ion: 43 Resp: 42380
Ion Ratio Lower Upper
43 100
74 23.3 19.0 28.4





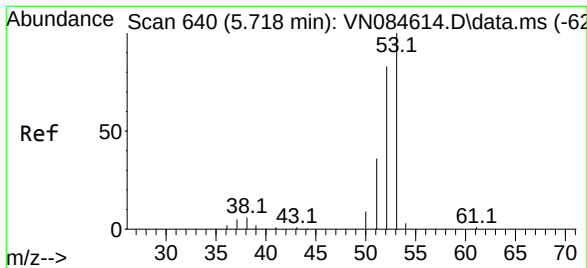
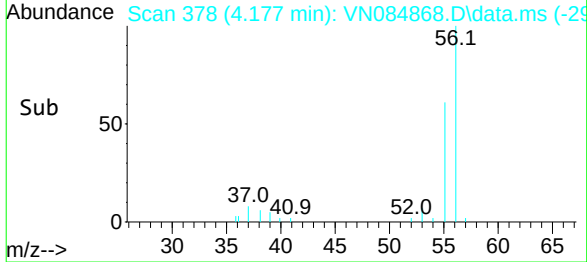
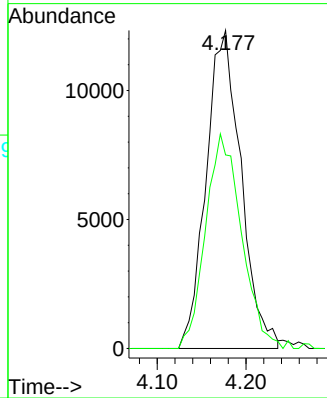
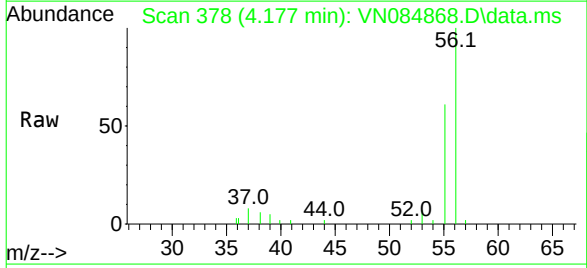
#13
Acrolein
Concen: 104.345 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01

Tgt Ion: 56 Resp: 33579
Ion Ratio Lower Upper
56 100
55 69.4 56.7 85.1

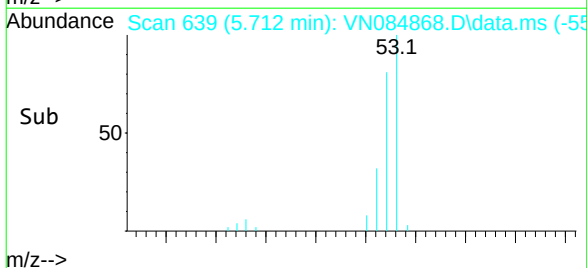
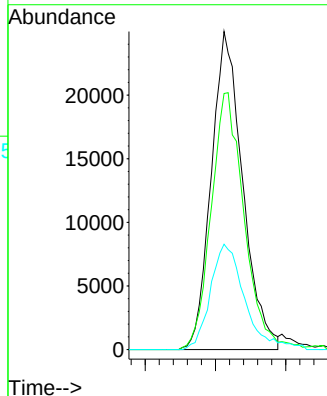
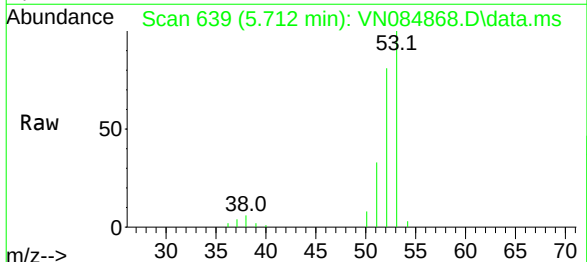
Manual Integrations
APPROVED

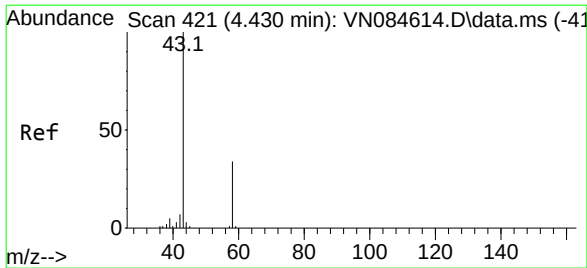
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#14
Acrylonitrile
Concen: 90.876 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

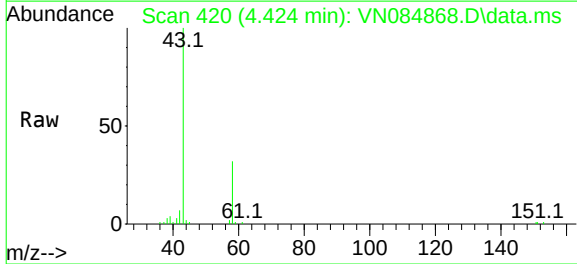
Tgt Ion: 53 Resp: 77581
Ion Ratio Lower Upper
53 100
52 83.5 41.6 124.9
51 36.1 18.2 54.6





#15
Acetone
Concen: 90.014 ug/l
RT: 4.424 min Scan# 421
Delta R.T. -0.006 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

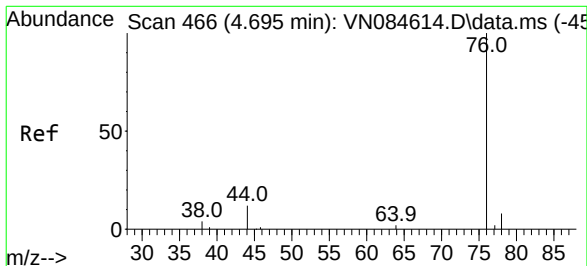
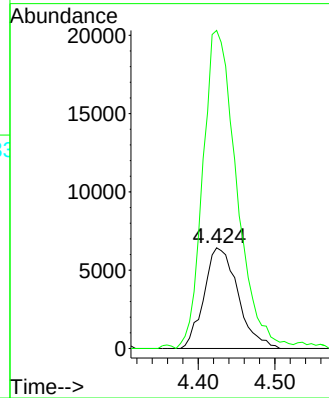
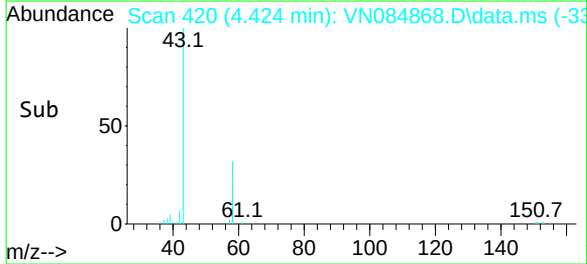
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01



Tgt Ion: 58 Resp: 19745
Ion Ratio Lower Upper
58 100
43 310.9 233.0 349.6

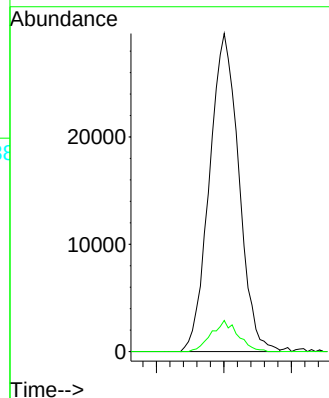
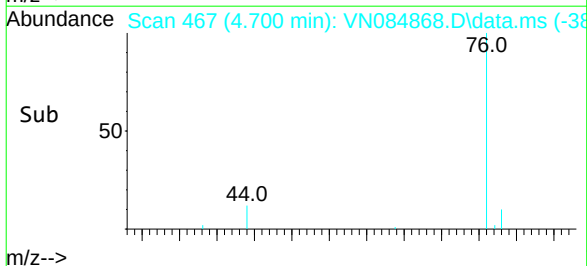
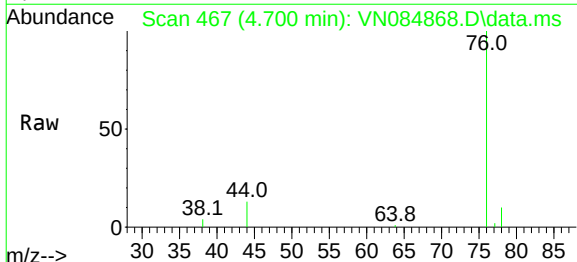
Manual Integrations
APPROVED

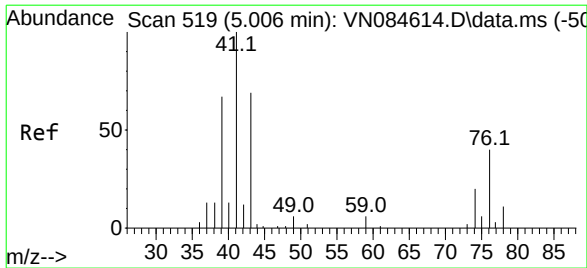
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#16
Carbon Disulfide
Concen: 18.222 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.006 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

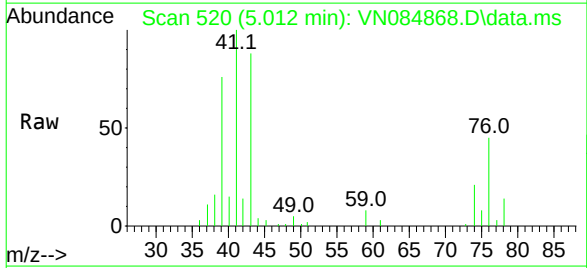
Tgt Ion: 76 Resp: 89763
Ion Ratio Lower Upper
76 100
78 9.8 6.6 9.8





#17
 Allyl chloride
 Concen: 17.595 ug/l
 RT: 5.012 min Scan# 521
 Delta R.T. 0.006 min
 Lab File: VN084868.D
 Acq: 15 Nov 2024 14:26

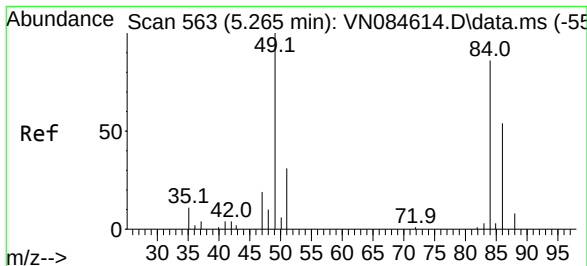
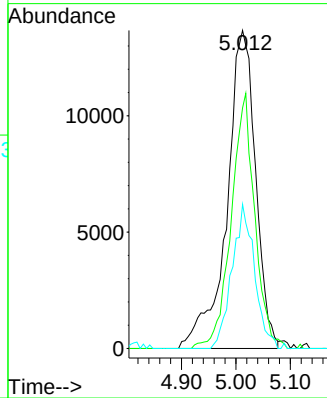
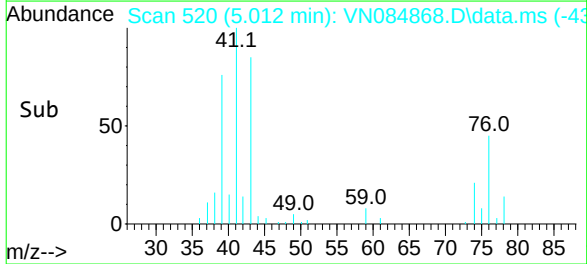
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBS01



Tgt Ion:	41	Resp:	50194
Ion	Ratio	Lower	Upper
41	100		
39	75.6	33.4	100.2
76	45.3	20.2	60.6

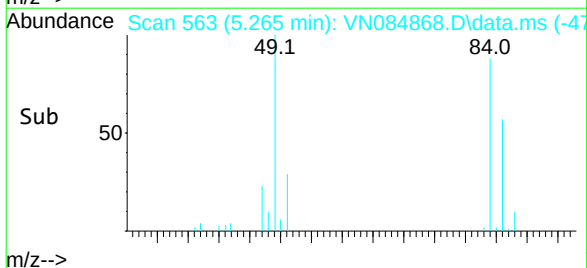
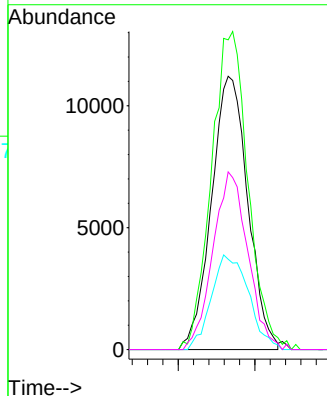
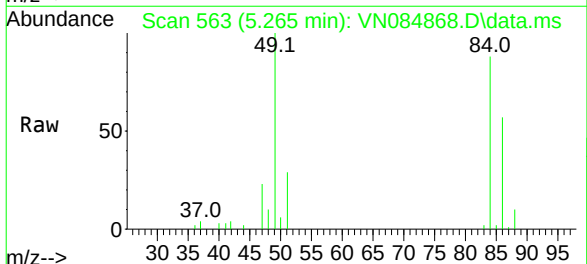
Manual Integrations
 APPROVED

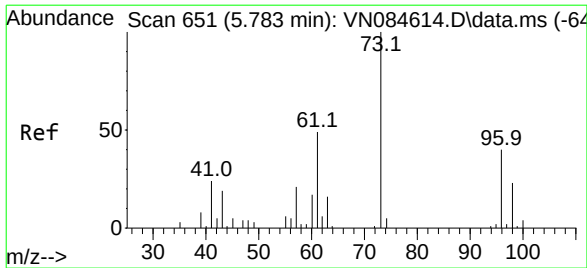
Reviewed By :John Carlone 11/17/2024
 Supervised By :Mahesh Dadoda 11/18/2024



#18
 Methylene Chloride
 Concen: 18.811 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. 0.000 min
 Lab File: VN084868.D
 Acq: 15 Nov 2024 14:26

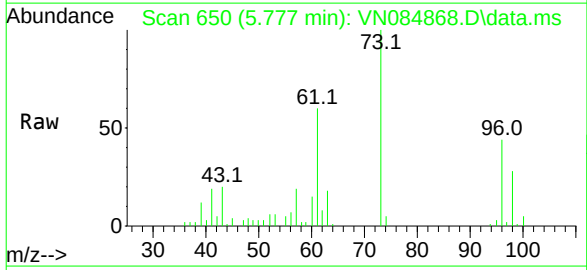
Tgt Ion:	84	Resp:	36904
Ion	Ratio	Lower	Upper
84	100		
49	113.3	93.0	139.6
51	33.1	28.9	43.3
86	65.0	50.6	76.0





#19
trans-1,2-Dichloroethene
Concen: 18.754 ug/l
RT: 5.777 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

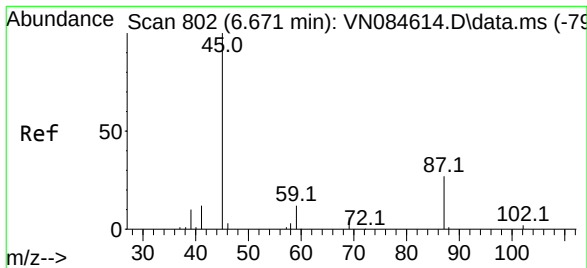
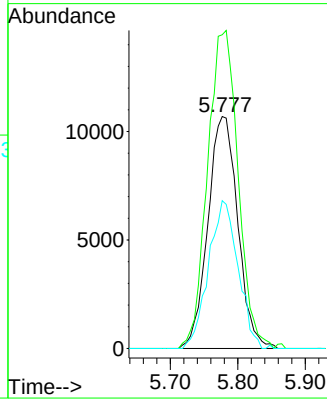
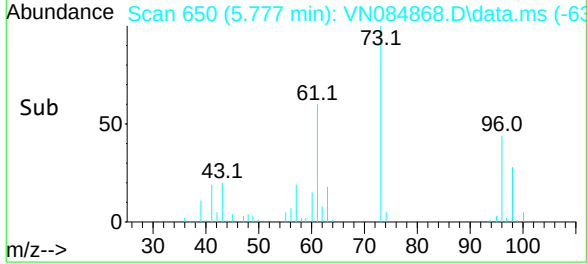
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01



Tgt Ion: 96 Resp: 32910
Ion Ratio Lower Upper
96 100
61 135.3 98.1 147.1
98 63.7 46.6 69.8

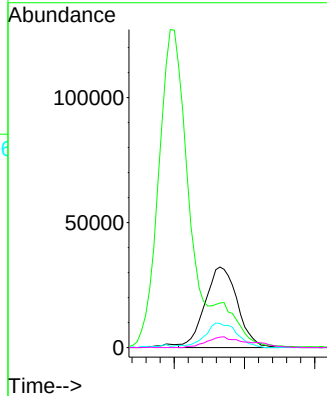
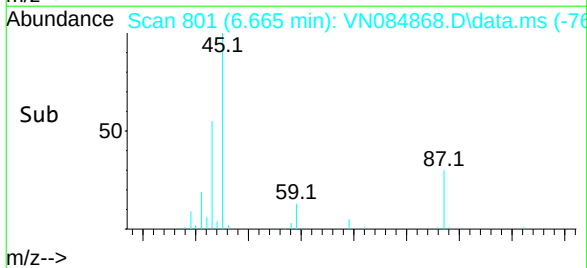
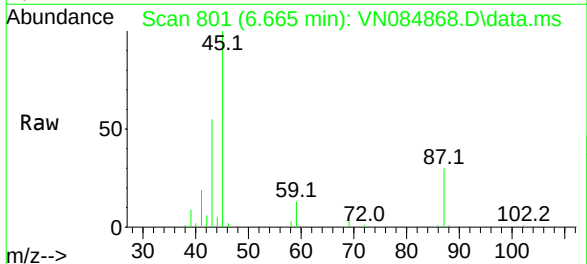
Manual Integrations
APPROVED

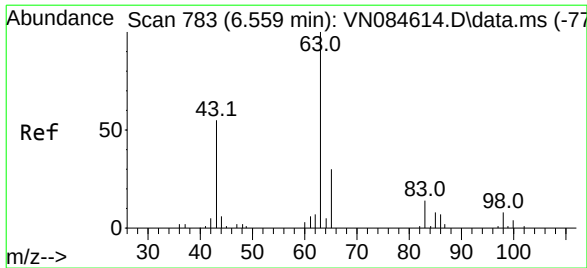
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#20
Diisopropyl ether
Concen: 18.000 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

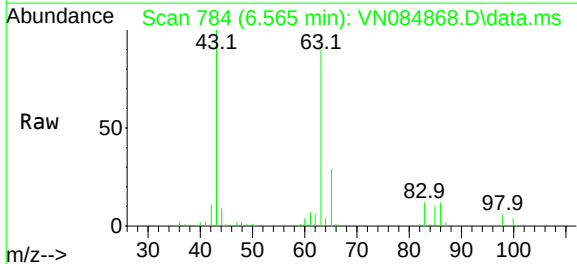
Tgt Ion: 45 Resp: 102791
Ion Ratio Lower Upper
45 100
43 53.3 42.6 64.0
87 29.8 23.0 34.4
59 12.9 9.4 14.0





#21
1,1-Dichloroethane
Concen: 18.819 ug/l
RT: 6.565 min Scan# 783
Delta R.T. 0.006 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

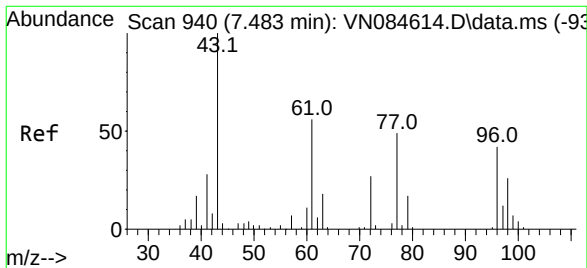
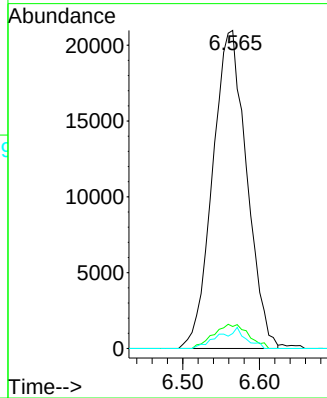
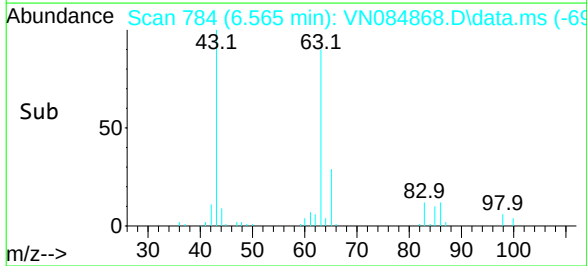
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01



Tgt Ion: 63 Resp: 64632
Ion Ratio Lower Upper
63 100
98 6.9 3.8 11.4
100 4.7 1.9 5.7

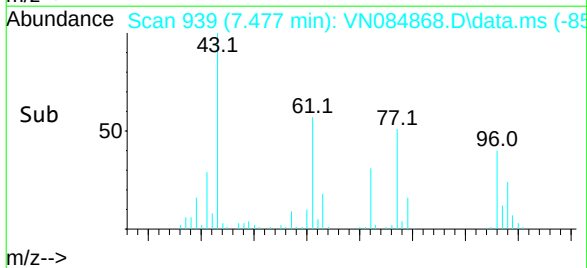
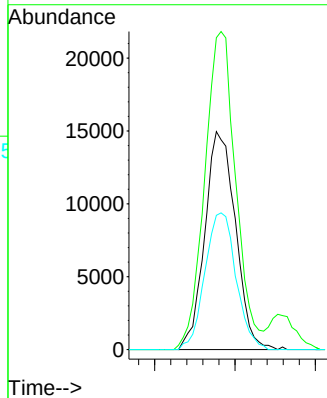
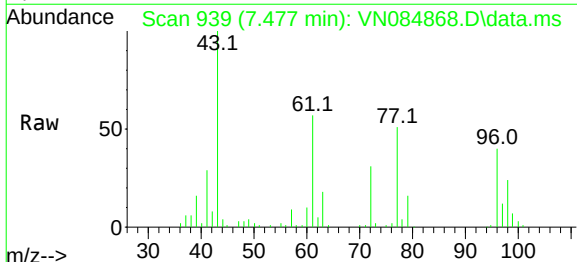
Manual Integrations
APPROVED

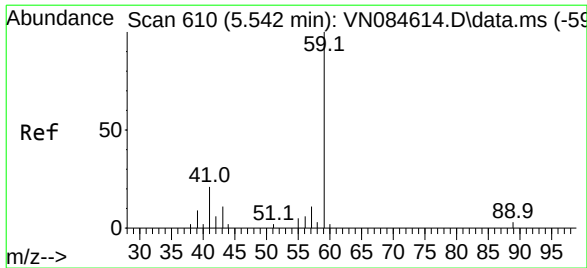
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#22
cis-1,2-Dichloroethene
Concen: 18.932 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Tgt Ion: 96 Resp: 39664
Ion Ratio Lower Upper
96 100
61 148.0 121.8 182.8
98 63.6 53.2 79.8





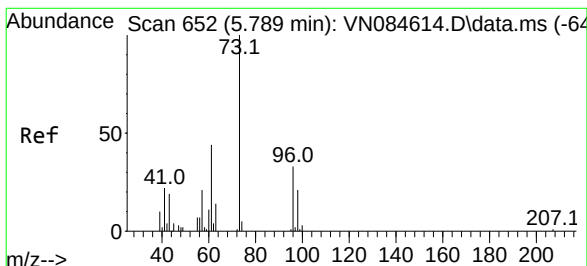
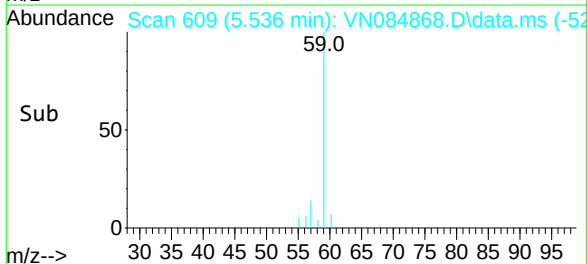
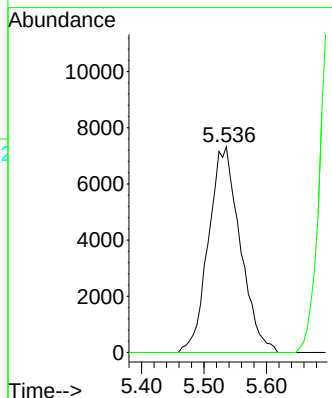
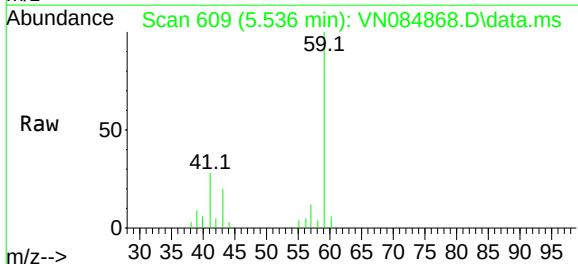
#23
tert-Butyl Alcohol
Concen: 86.733 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01

Tgt Ion: 59 Resp: 25850
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

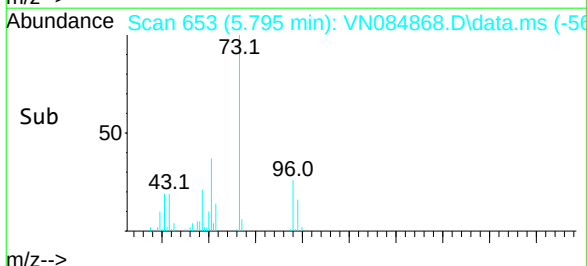
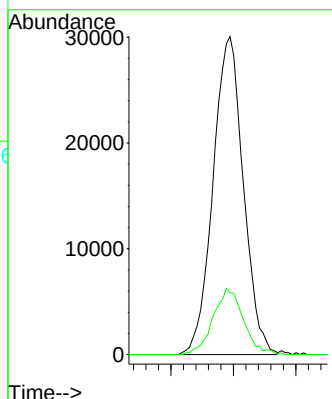
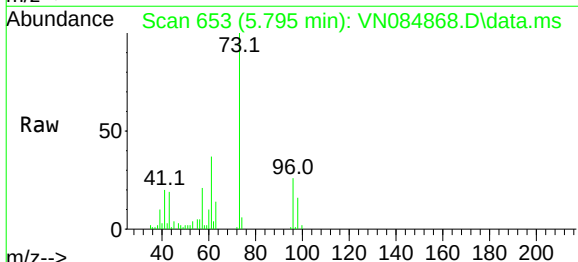
Manual Integrations
APPROVED

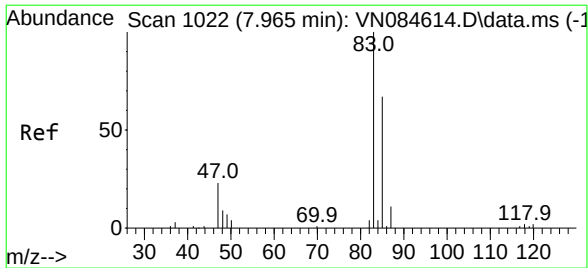
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#24
Methyl tert-Butyl Ether
Concen: 18.702 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Tgt Ion: 73 Resp: 101249
Ion Ratio Lower Upper
73 100
43 20.4 16.5 24.7





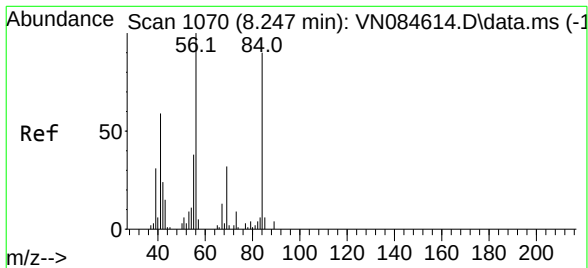
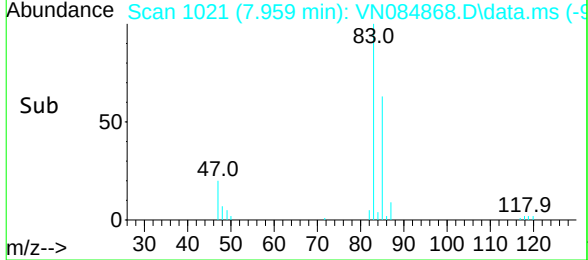
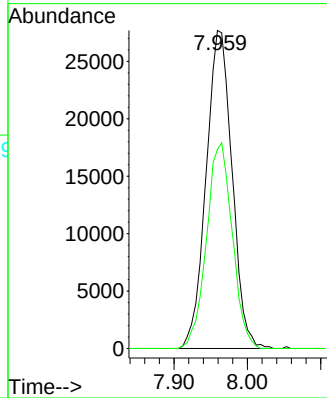
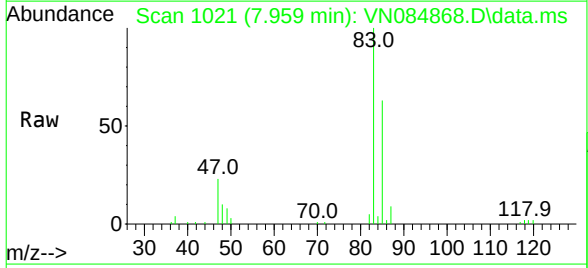
#25
Chloroform
Concen: 19.364 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01

Tgt Ion: 83 Resp: 68134
Ion Ratio Lower Upper
83 100
85 62.6 53.4 80.2

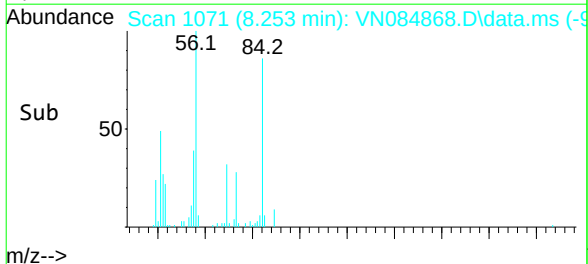
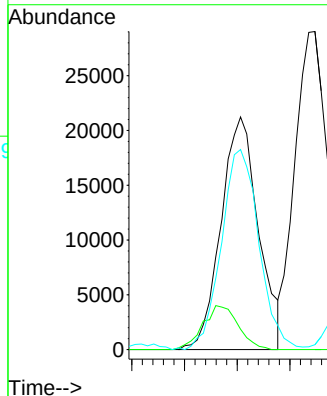
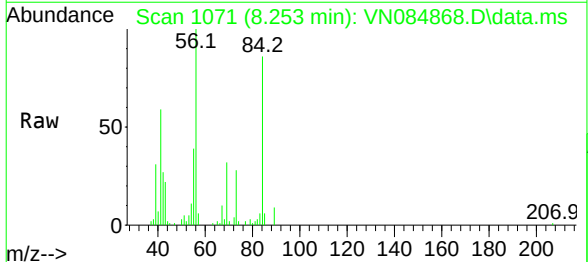
Manual Integrations
APPROVED

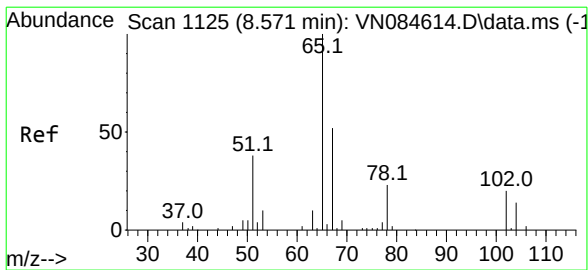
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#26
Cyclohexane
Concen: 20.012 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

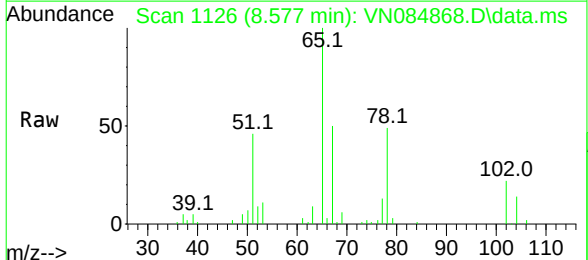
Tgt Ion: 56 Resp: 52497
Ion Ratio Lower Upper
56 100
89 17.8 3.0 4.4#
84 86.1 70.6 106.0





#27
1,2-Dichloroethane-d4
Concen: 30.718 ug/l
RT: 8.577 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

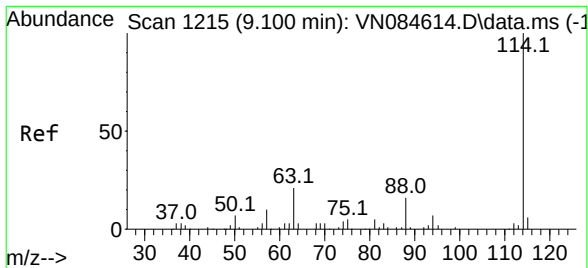
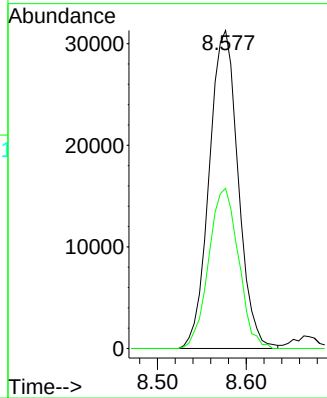
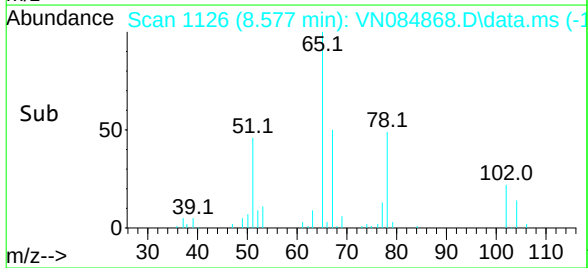
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01



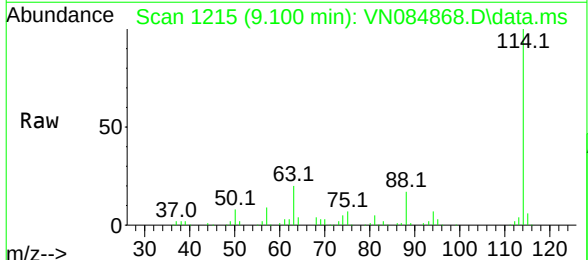
Tgt Ion: 65 Resp: 70943
Ion Ratio Lower Upper
65 100
67 51.8 40.7 61.1

Manual Integrations
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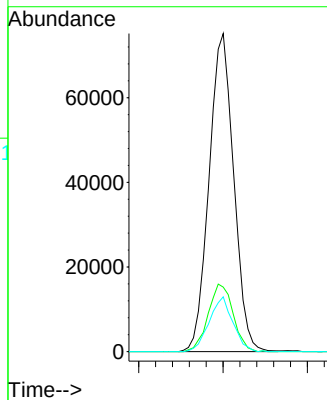
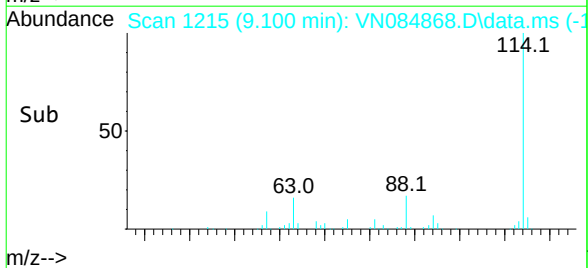
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024

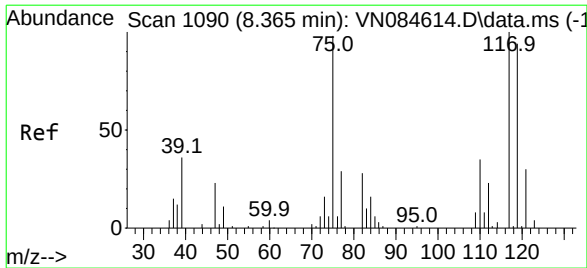


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26



Tgt Ion:114 Resp: 152762
Ion Ratio Lower Upper
114 100
63 21.5 16.8 25.2
88 16.5 12.9 19.3





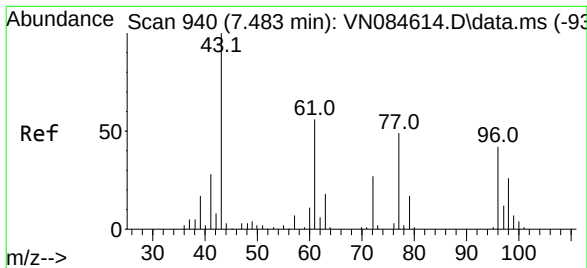
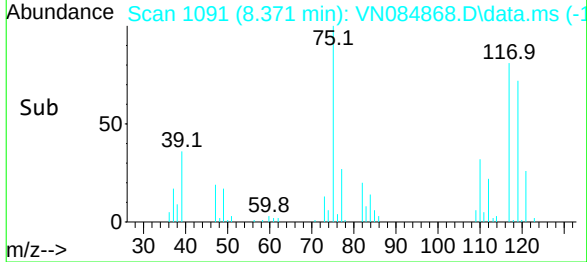
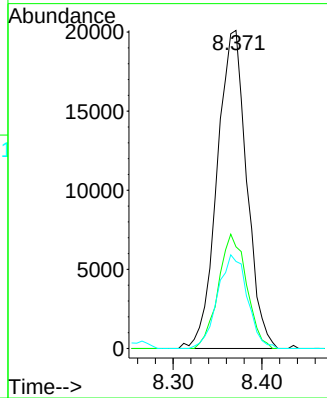
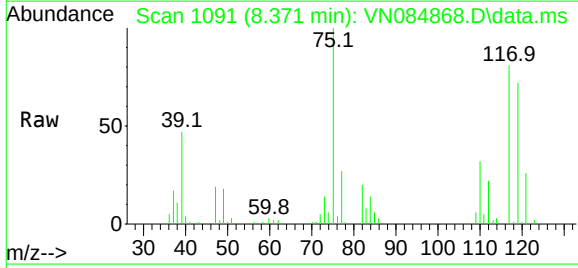
#29
1,1-Dichloropropene
Concen: 20.195 ug/l
RT: 8.371 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01

Tgt Ion: 75 Resp: 46466
Ion Ratio Lower Upper
75 100
110 34.2 0.0 69.4
77 29.5 0.0 62.0

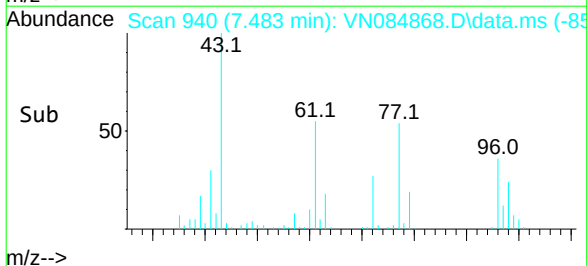
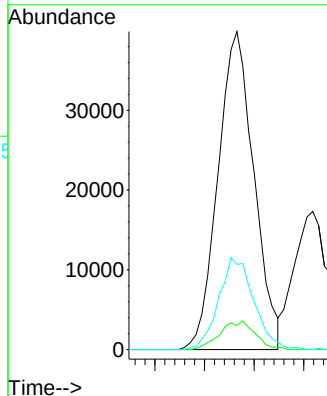
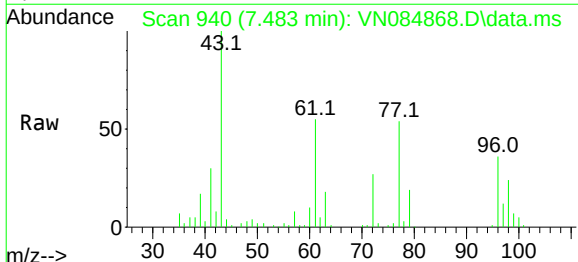
Manual Integrations
APPROVED

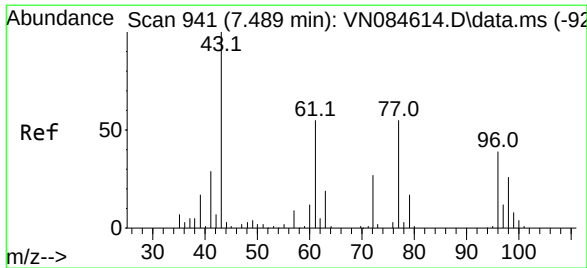
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#30
2-Butanone
Concen: 94.549 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

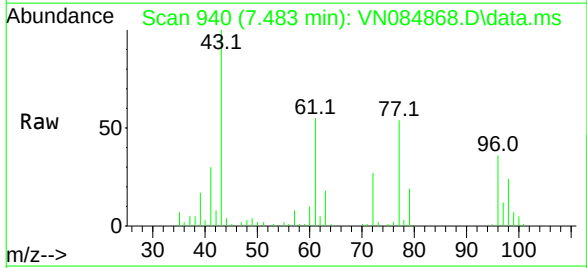
Tgt Ion: 43 Resp: 100352
Ion Ratio Lower Upper
43 100
57 4.9 6.2 9.4#
72 28.1 21.5 32.3





#31
2,2-Dichloropropane
Concen: 21.617 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

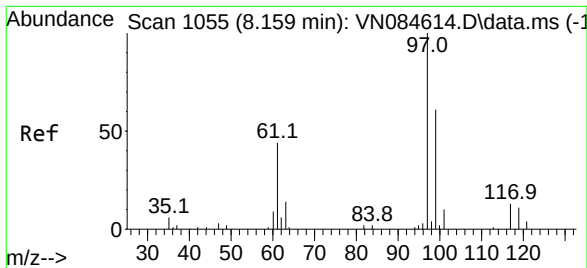
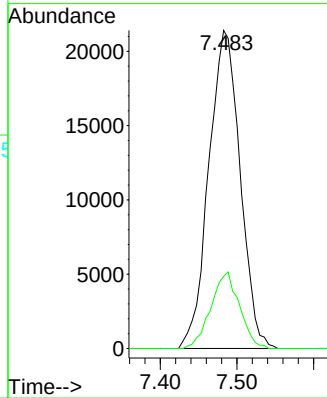
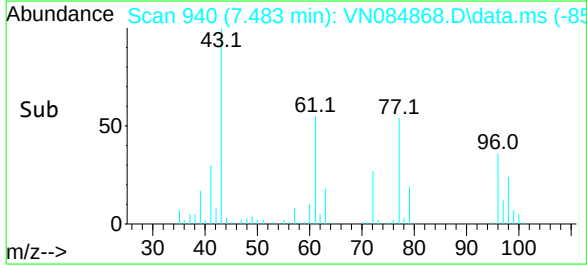
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01



Tgt Ion: 77 Resp: 60717
Ion Ratio Lower Upper
77 100
97 21.9 17.4 26.2

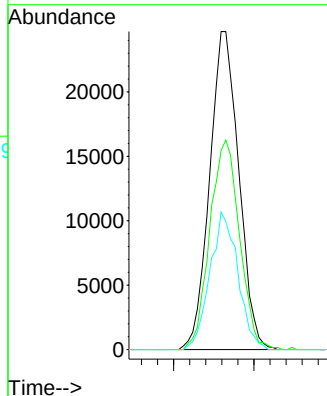
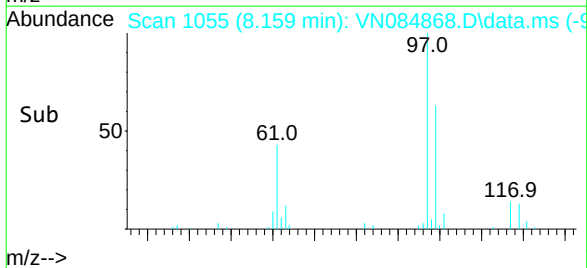
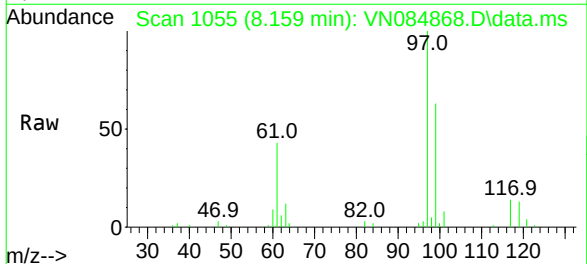
Manual Integrations
APPROVED

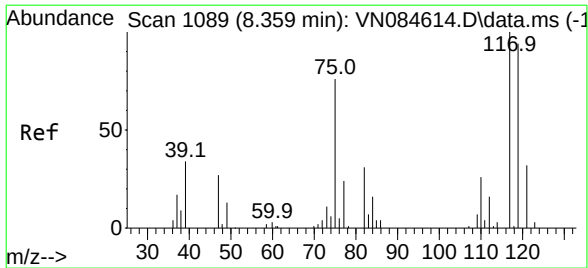
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#32
1,1,1-Trichloroethane
Concen: 19.939 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

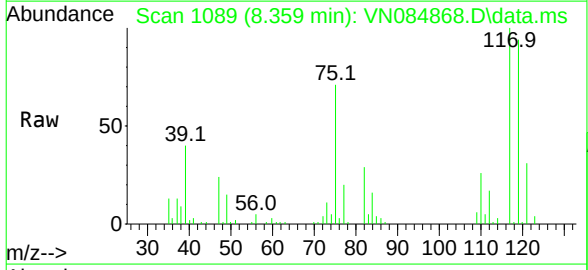
Tgt Ion: 97 Resp: 62329
Ion Ratio Lower Upper
97 100
99 66.9 51.6 77.4
61 41.5 34.2 51.4





#33
Carbon Tetrachloride
Concen: 20.468 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

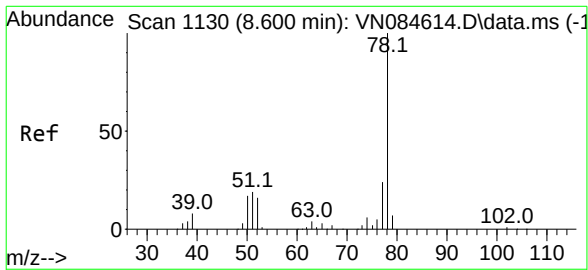
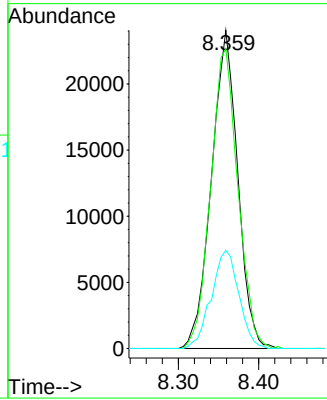
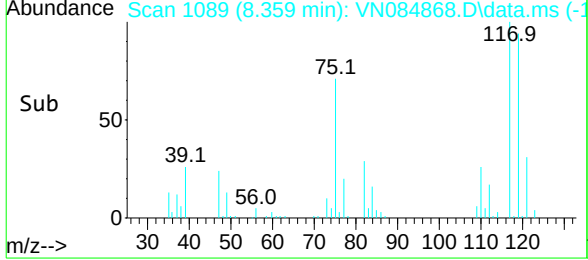
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01



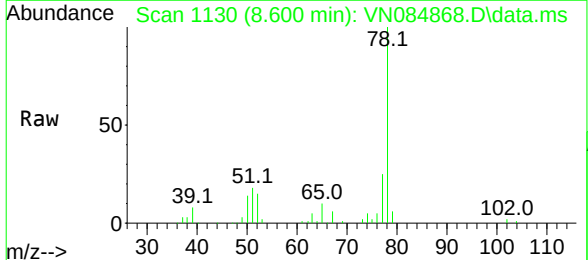
Tgt Ion: 117 Resp: 54595
Ion Ratio Lower Upper
117 100
119 94.3 75.7 113.5
121 30.8 25.4 38.0

Manual Integrations
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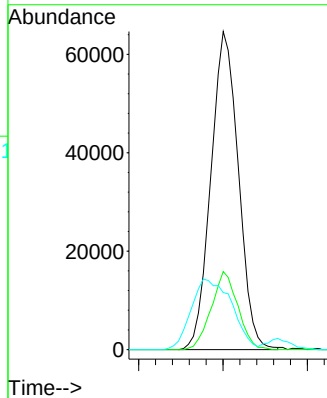
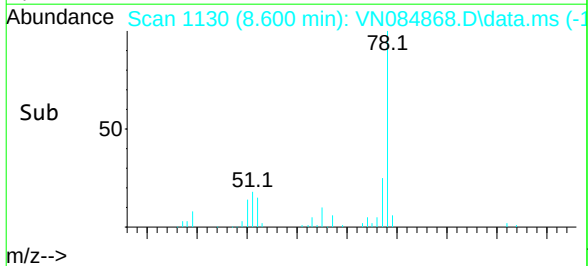
Reviewed By : John Carlone 11/17/2024
Supervised By : Mahesh Dadoda 11/18/2024

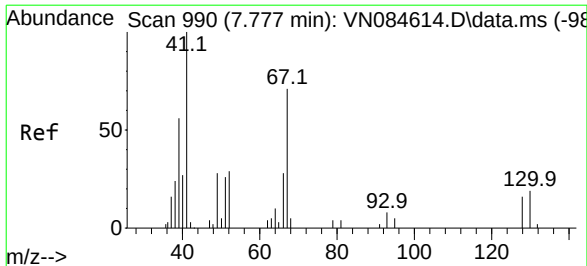


#34
Benzene
Concen: 19.251 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26



Tgt Ion: 78 Resp: 146411
Ion Ratio Lower Upper
78 100
77 24.5 19.3 28.9
51 15.2 16.1 24.1#





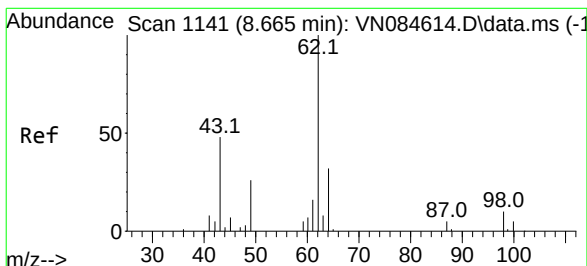
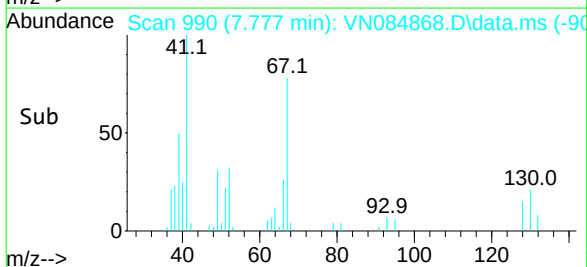
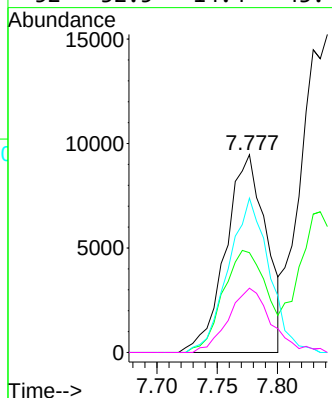
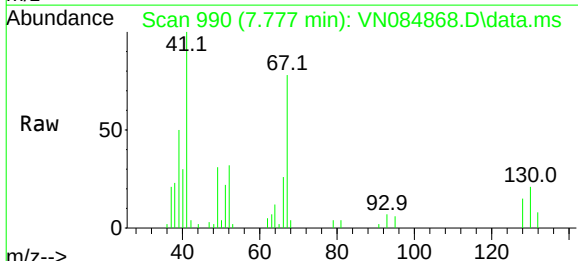
#35
Methacrylonitrile
Concen: 17.600 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01

Tgt Ion:	41	Resp:	22140
Ion	Ratio	Lower	Upper
41	100		
39	50.5	28.2	84.6
67	78.0	35.6	106.8
52	32.5	14.4	43.4

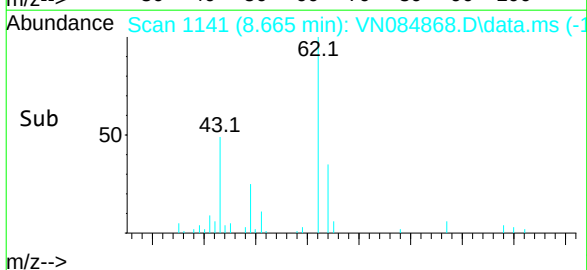
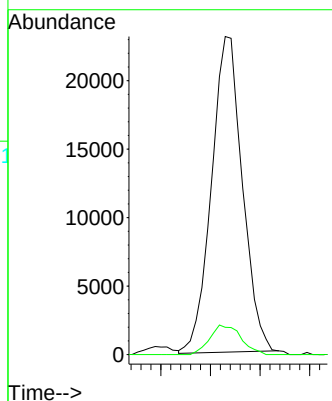
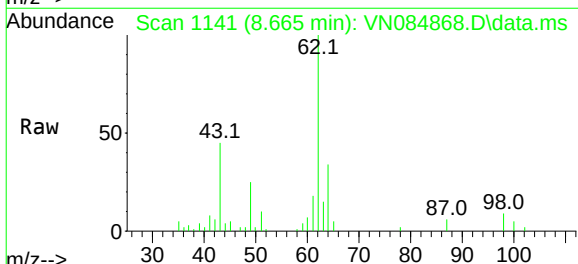
Manual Integrations
APPROVED

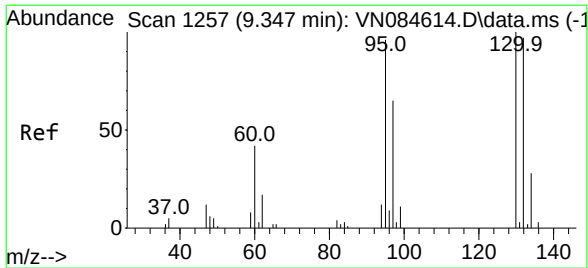
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#36
1,2-Dichloroethane
Concen: 19.752 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

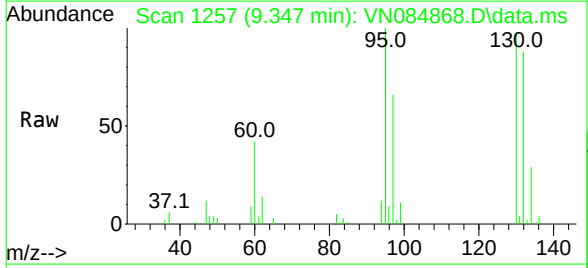
Tgt Ion:	62	Resp:	49956
Ion	Ratio	Lower	Upper
62	100		
98	9.4	7.8	11.6





#37
Trichloroethene
Concen: 19.588 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

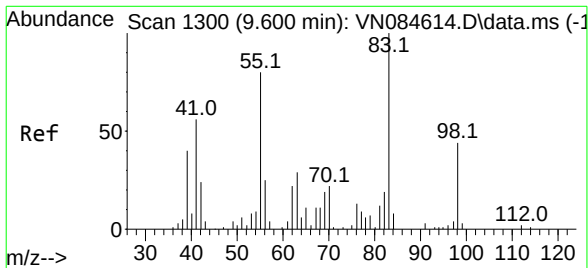
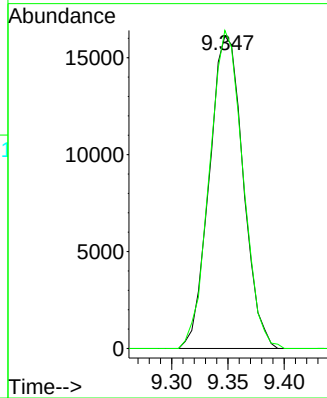
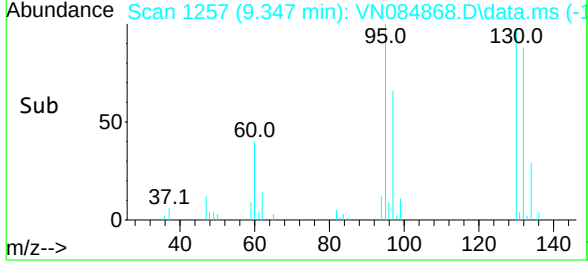
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01



Tgt Ion:130 Resp: 33608
Ion Ratio Lower Upper
130 100
95 101.8 76.6 115.0

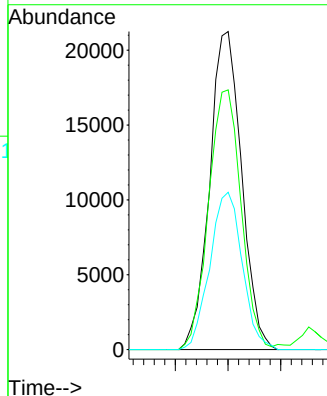
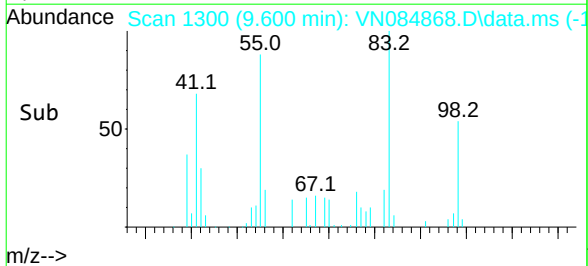
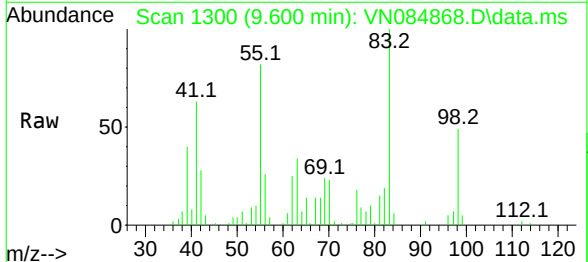
Manual Integrations
APPROVED

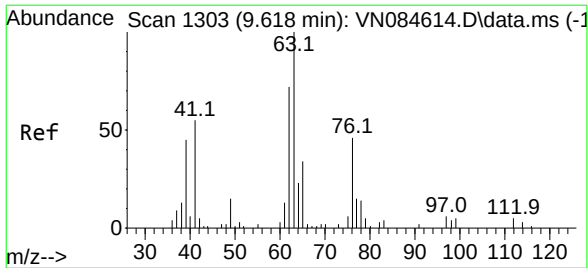
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#38
Methylcyclohexane
Concen: 18.067 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Tgt Ion: 83 Resp: 44752
Ion Ratio Lower Upper
83 100
55 83.1 39.6 118.8
98 50.2 23.2 69.5





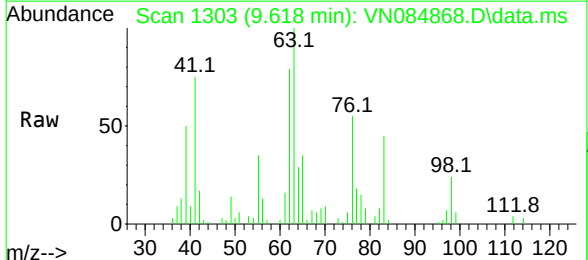
#39
 1,2-Dichloropropane
 Concen: 19.126 ug/l
 RT: 9.618 min Scan# 1303
 Delta R.T. -0.000 min
 Lab File: VN084868.D
 Acq: 15 Nov 2024 14:26

Instrument :

MSVOA_N

ClientSampleId :

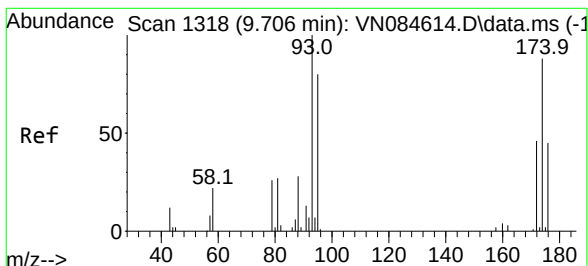
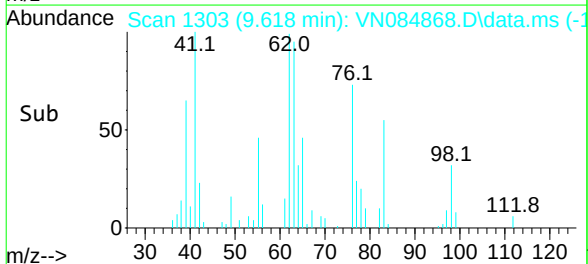
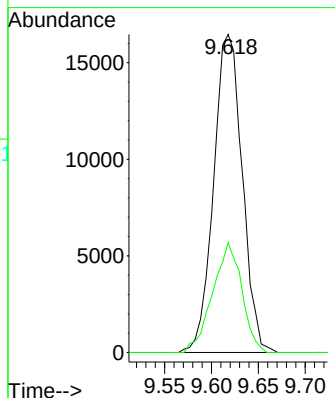
VN1115WBS01



Tgt Ion:	63	Resp:	35016
Ion Ratio	Lower	Upper	
63	100		
65	34.5	27.8	41.8

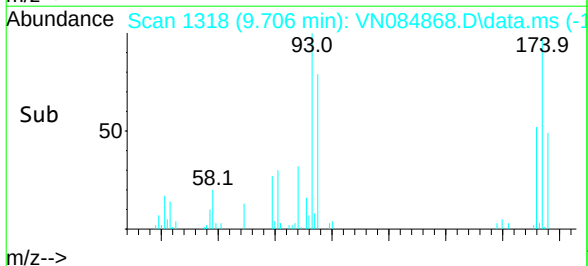
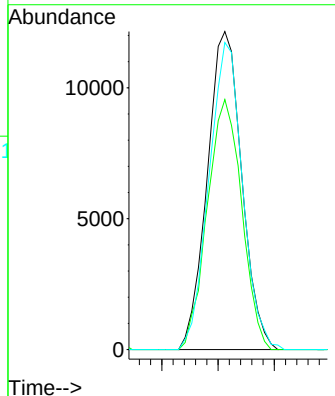
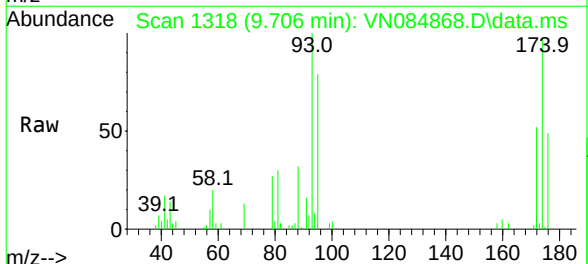
Manual Integrations
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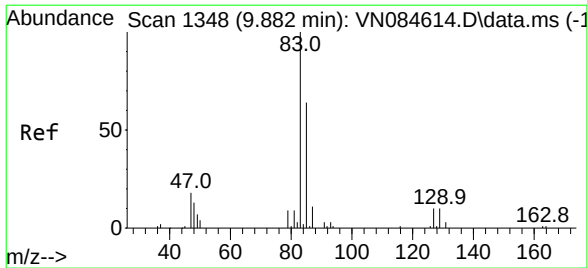
Reviewed By :John Carlone 11/17/2024
 Supervised By :Mahesh Dadoda 11/18/2024



#40
 Dibromomethane
 Concen: 20.199 ug/l
 RT: 9.706 min Scan# 1318
 Delta R.T. 0.000 min
 Lab File: VN084868.D
 Acq: 15 Nov 2024 14:26

Tgt Ion:	93	Resp:	25870
Ion Ratio	Lower	Upper	
93	100		
95	78.4	0.0	168.4
174	93.8	0.0	183.4





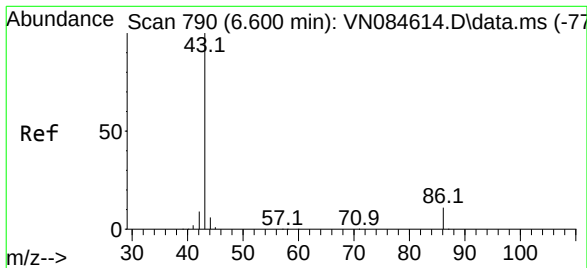
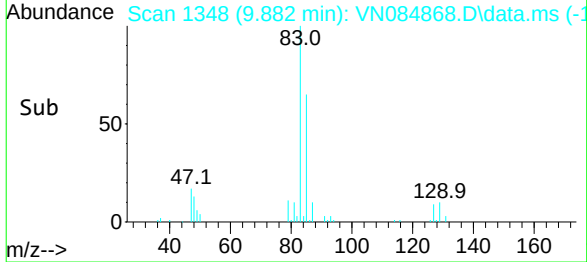
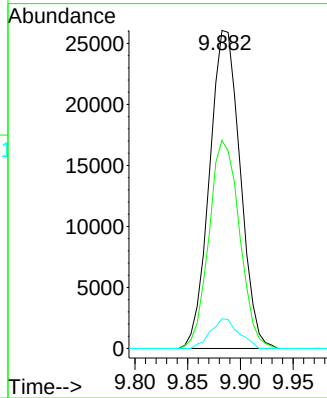
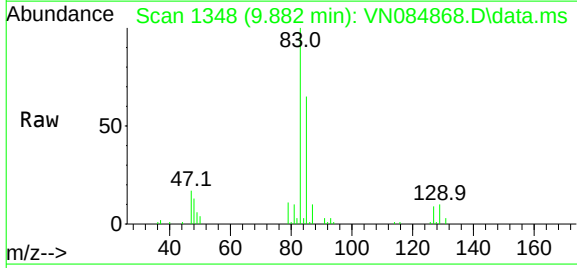
#41
Bromodichloromethane
Concen: 19.220 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.0	76.6
127	9.3	7.8	11.6

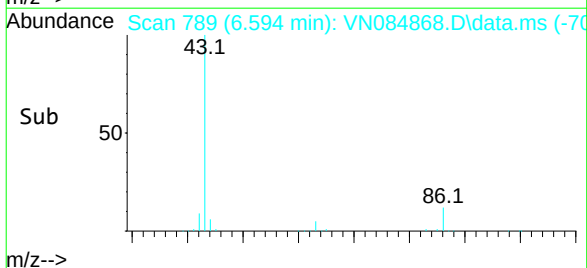
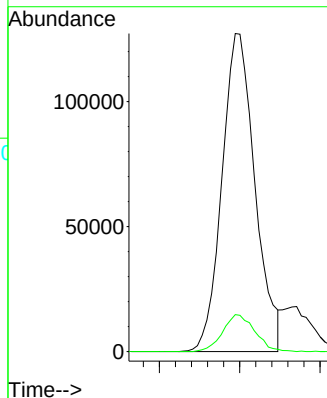
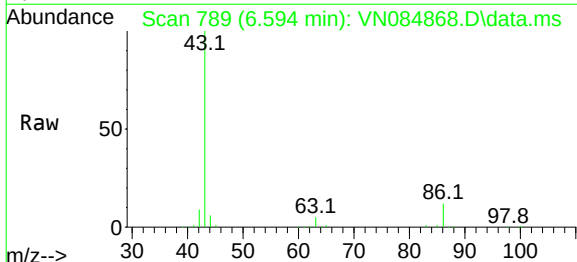
Manual Integrations
APPROVED

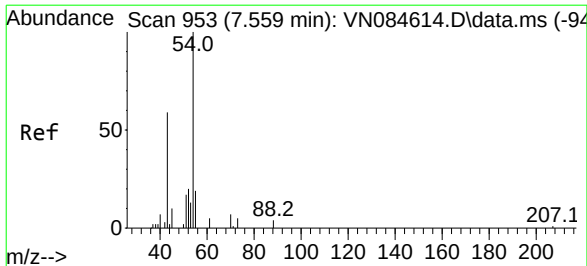
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#42
Vinyl Acetate
Concen: 91.632 ug/l
RT: 6.594 min Scan# 789
Delta R.T. -0.006 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

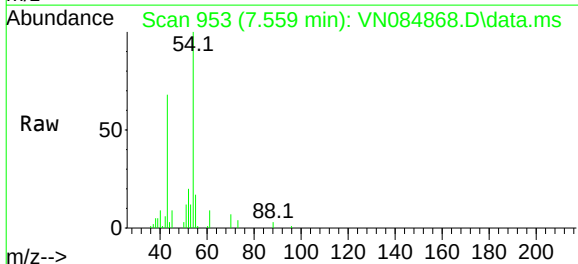
Tgt Ion	Ratio	Lower	Upper
43	100		
86	11.3	8.6	13.0





#43
Ethyl Acetate
Concen: 18.522 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

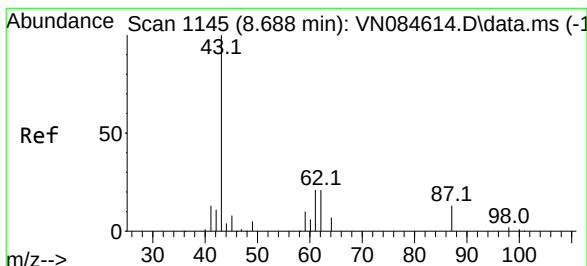
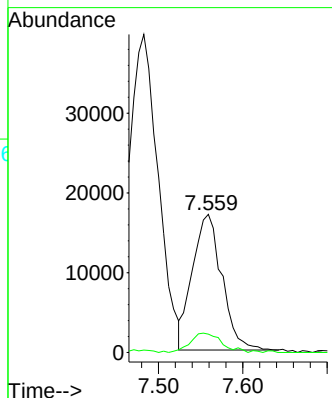
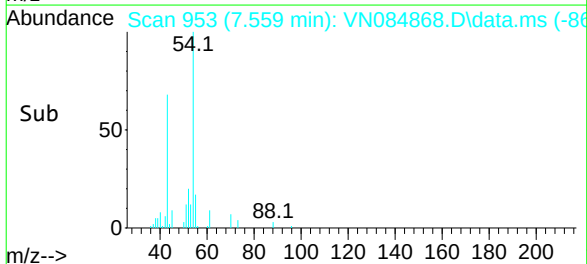
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01



Tgt Ion: 43 Resp: 41308
Ion Ratio Lower Upper
43 100
45 14.3 11.0 16.4

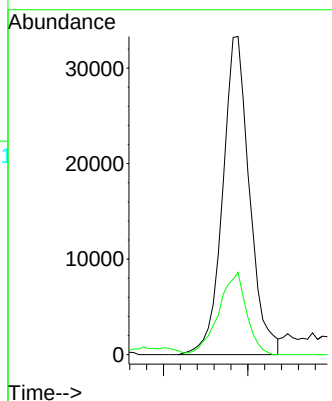
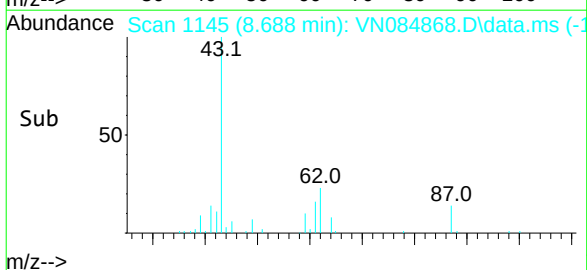
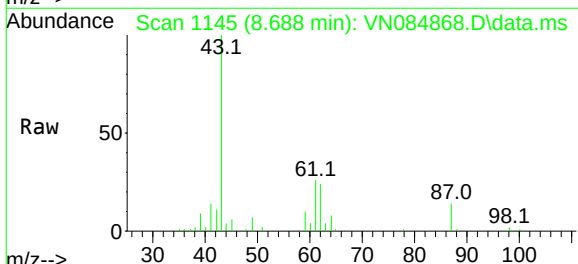
Manual Integrations
APPROVED

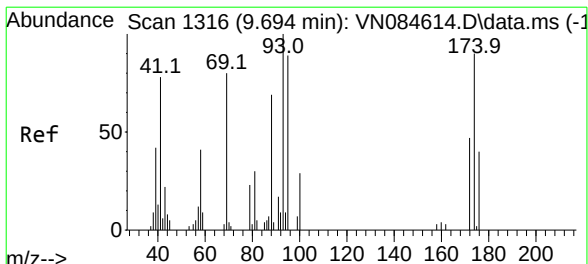
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#44
Isopropyl Acetate
Concen: 16.303 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Tgt Ion: 43 Resp: 73623
Ion Ratio Lower Upper
43 100
61 26.9 19.8 29.8

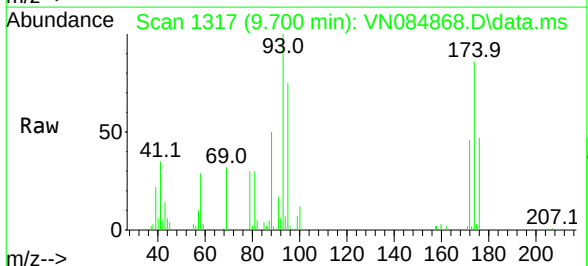




#45
 1,4-Dioxane
 Concen: 393.773 ug/l
 RT: 9.700 min Scan# 1317
 Delta R.T. 0.006 min
 Lab File: VN084868.D
 Acq: 15 Nov 2024 14:26

Instrument :

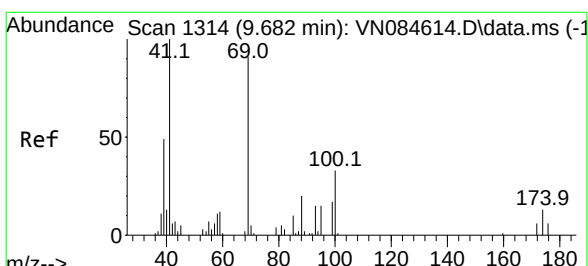
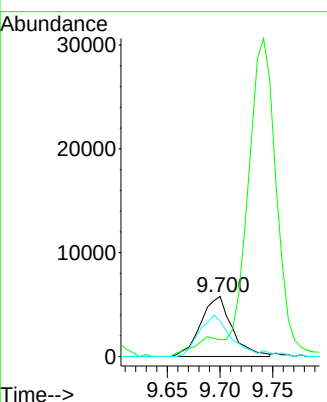
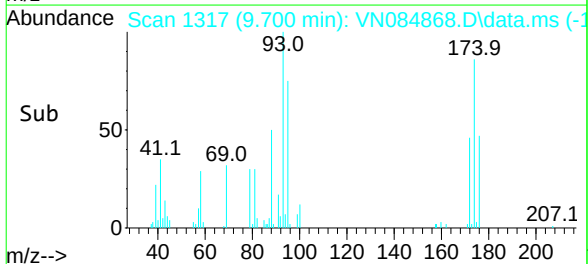
MSVOA_N
 ClientSampleId :
 VN1115WBS01



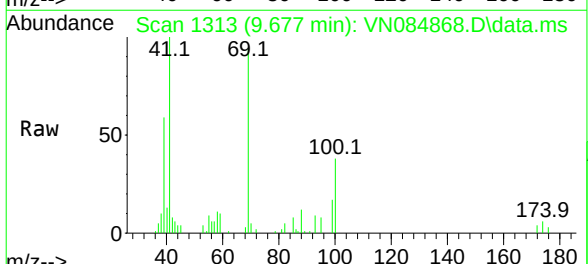
Tgt Ion:	88	Resp:	11872
Ion	Ratio	Lower	Upper
88	100		
43	27.9	20.8	31.2
58	68.9	53.4	80.2

Manual Integrations
 APPROVED

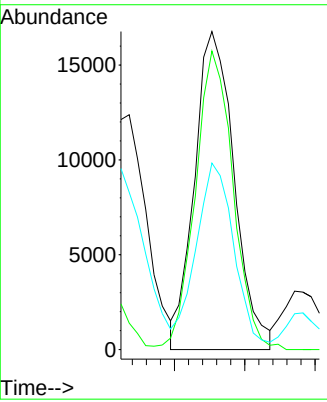
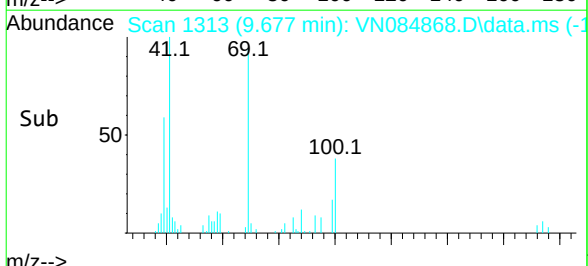
Reviewed By :John Carlone 11/17/2024
 Supervised By :Mahesh Dadoda 11/18/2024

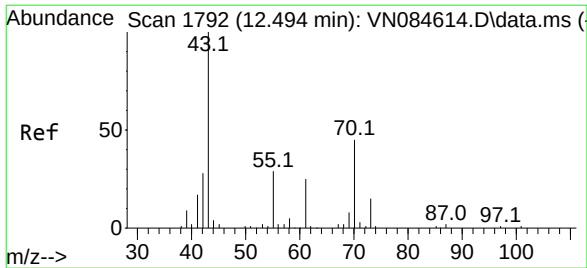


#46
 Methyl methacrylate
 Concen: 18.120 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. -0.006 min
 Lab File: VN084868.D
 Acq: 15 Nov 2024 14:26



Tgt Ion:	41	Resp:	32885
Ion	Ratio	Lower	Upper
41	100		
69	98.4	43.4	130.2
39	59.9	24.7	74.1





#47

n-amy1 Acetate

Concen: 17.693 ug/l

RT: 12.494 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN084868.D

Acq: 15 Nov 2024 14:26

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBS01

Tgt Ion: 43 Resp: 59673

Ion Ratio Lower Upper

43 100

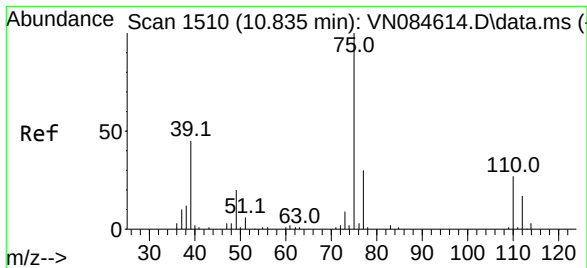
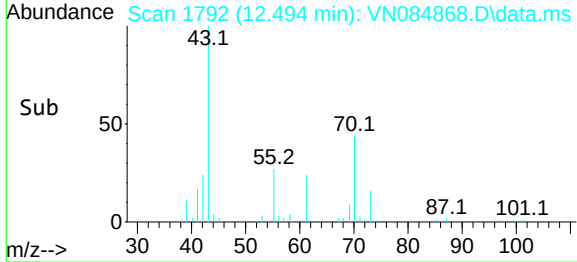
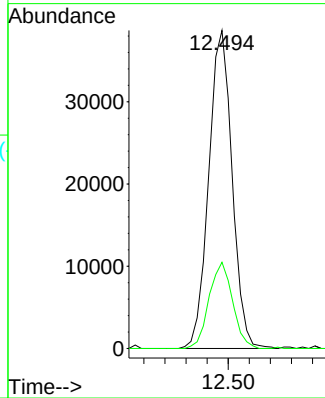
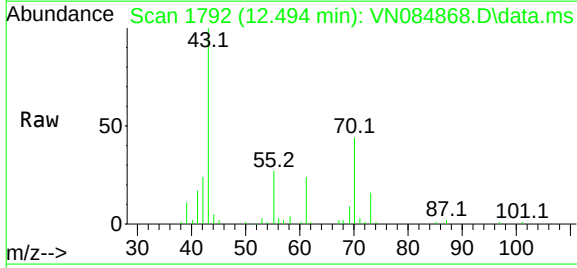
55 27.2 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2024

Supervised By :Mahesh Dadoda 11/18/2024



#48

t-1,3-Dichloropropene

Concen: 18.533 ug/l

RT: 10.829 min Scan# 1509

Delta R.T. -0.006 min

Lab File: VN084868.D

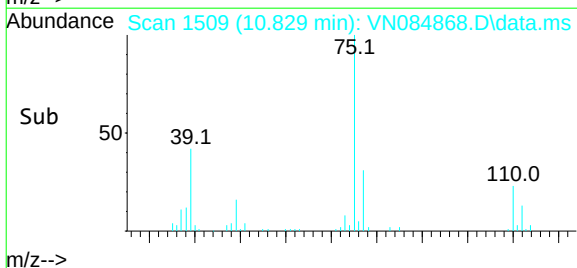
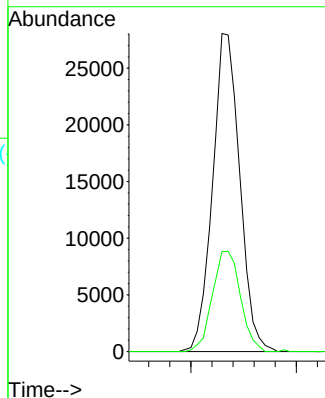
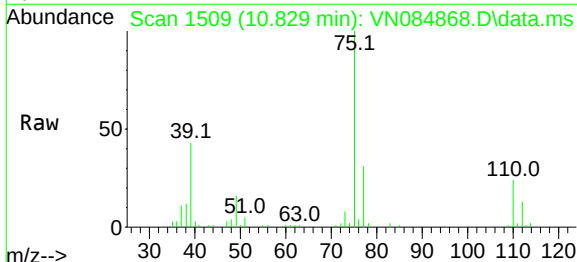
Acq: 15 Nov 2024 14:26

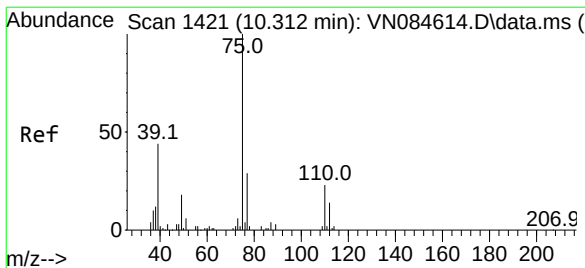
Tgt Ion: 75 Resp: 50245

Ion Ratio Lower Upper

75 100

77 31.5 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 19.047 ug/l

RT: 10.312 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN084868.D

Acq: 15 Nov 2024 14:26

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBS01

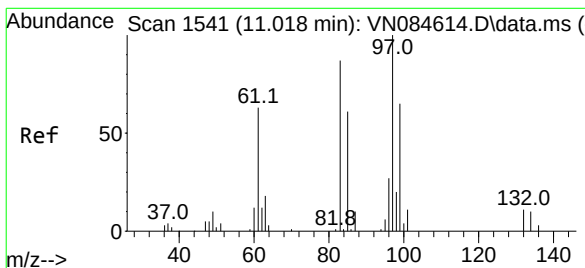
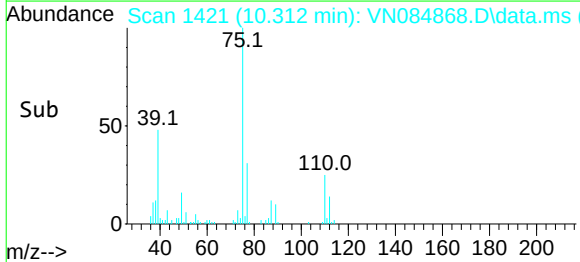
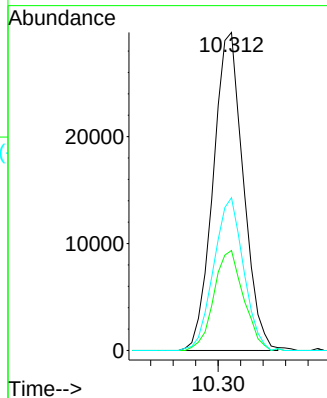
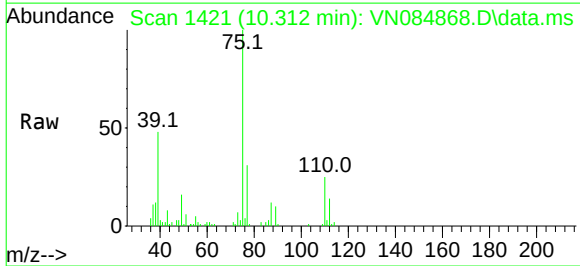
Tgt Ion: 75	Resp: 55343
Ion Ratio	Lower Upper
75 100	
77 31.4	23.4 35.2
39 48.0	35.4 53.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2024

Supervised By :Mahesh Dadoda 11/18/2024



#50

1,1,2-Trichloroethane

Concen: 20.363 ug/l

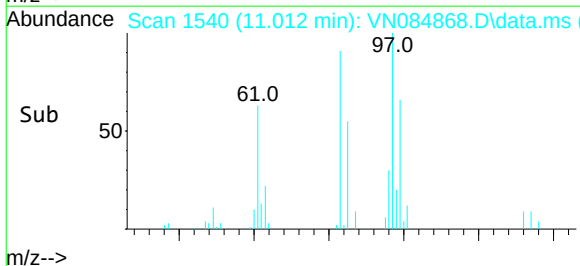
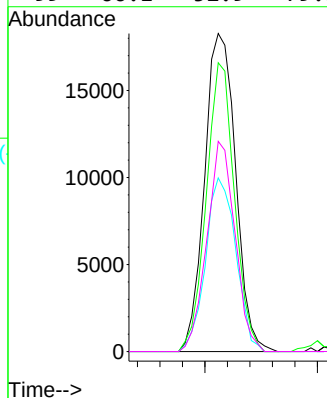
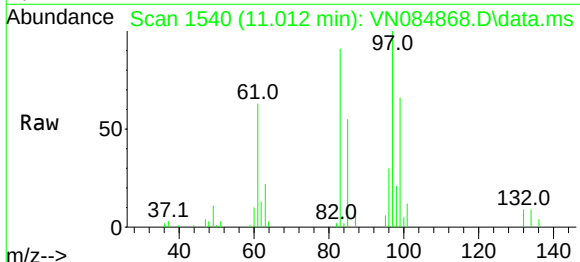
RT: 11.012 min Scan# 1540

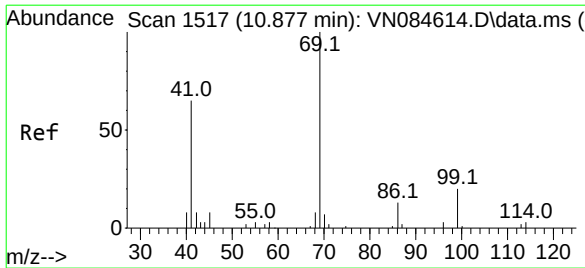
Delta R.T. -0.006 min

Lab File: VN084868.D

Acq: 15 Nov 2024 14:26

Tgt Ion: 97	Resp: 34982
Ion Ratio	Lower Upper
97 100	
83 90.8	69.8 104.8
85 54.6	48.6 73.0
99 66.1	52.9 79.3





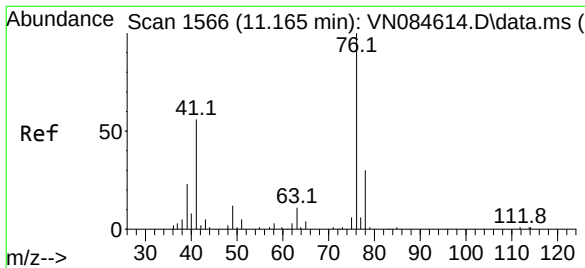
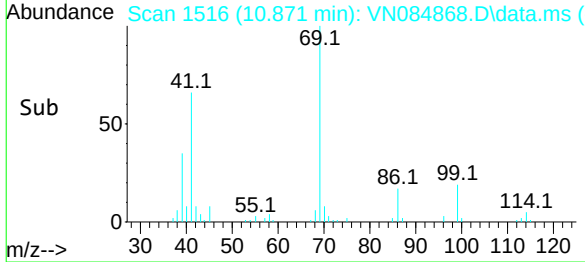
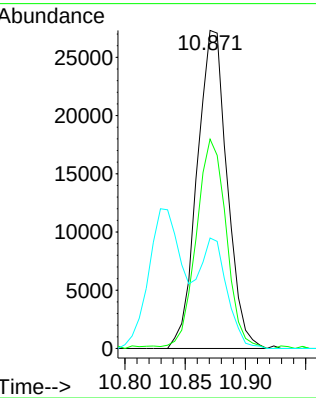
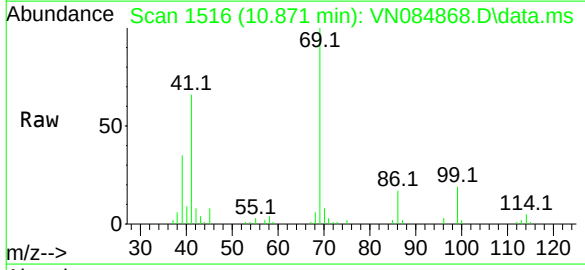
#51
Ethyl methacrylate
Concen: 17.859 ug/l
RT: 10.871 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.8	32.8	98.3
39	34.7	15.4	46.1

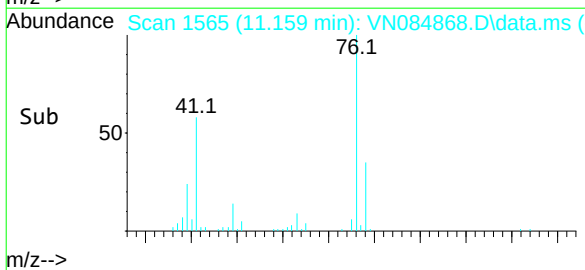
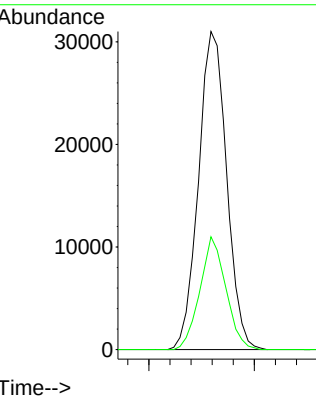
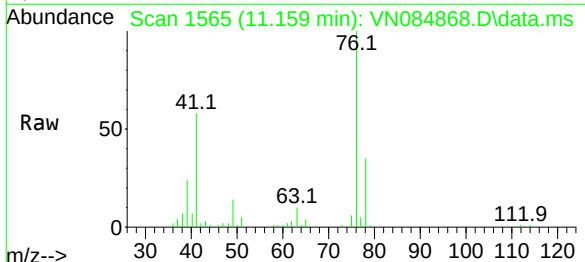
Manual Integrations
APPROVED

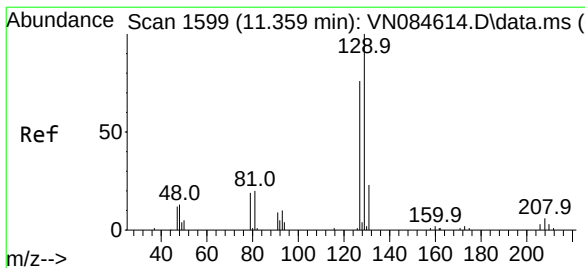
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#52
1,3-Dichloropropane
Concen: 19.284 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.7	0.0	64.0





#53

Dibromochloromethane

Concen: 19.597 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN084868.D

Acq: 15 Nov 2024 14:26

Tgt Ion:129 Resp: 39398

Ion Ratio Lower Upper

129 100

127 77.8 39.6 119.0

Instrument :

MSVOA_N

ClientSampleId :

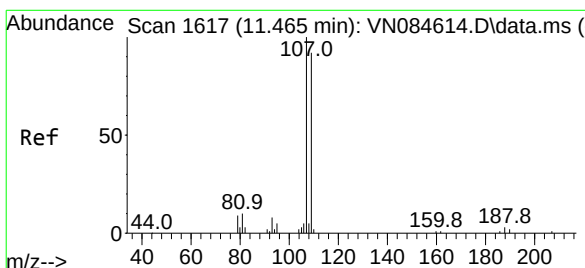
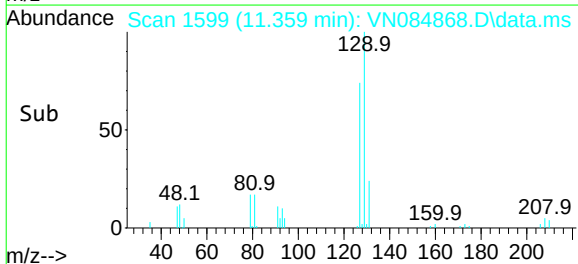
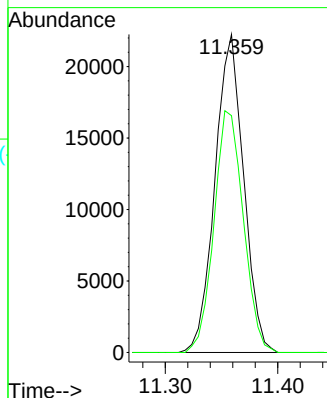
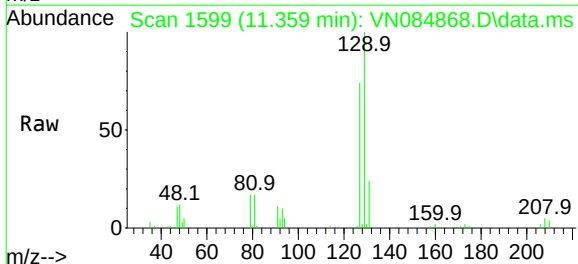
VN1115WBS01

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2024

Supervised By :Mahesh Dadoda 11/18/2024



#54

1,2-Dibromoethane

Concen: 19.825 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VN084868.D

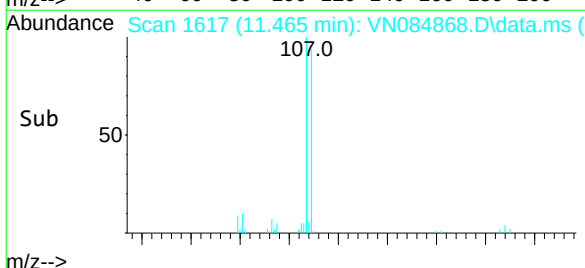
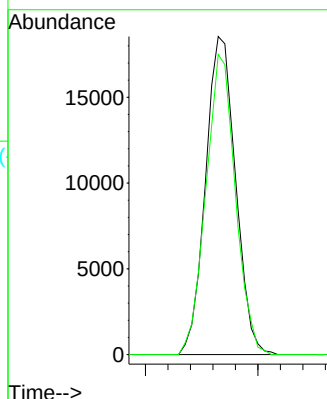
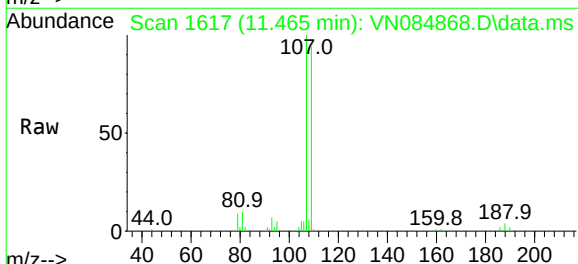
Acq: 15 Nov 2024 14:26

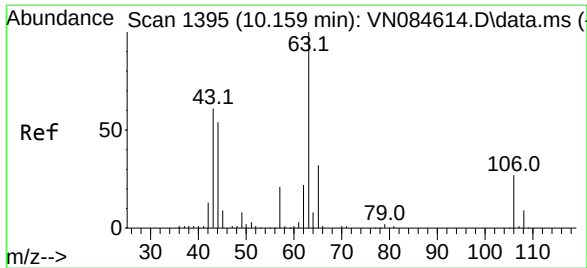
Tgt Ion:107 Resp: 34447

Ion Ratio Lower Upper

107 100

109 92.7 73.4 110.0





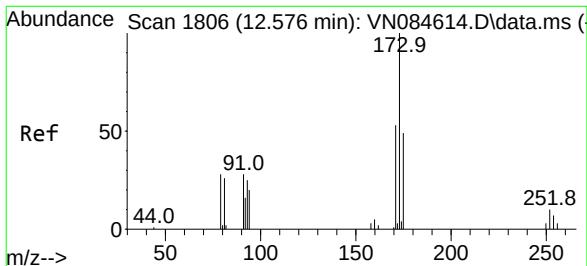
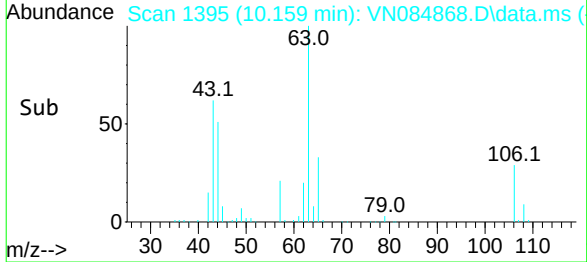
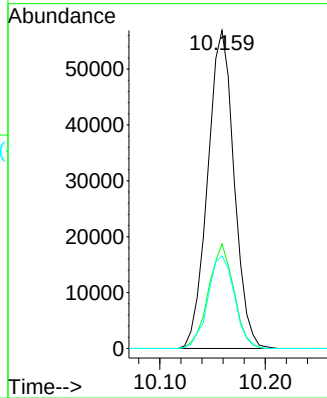
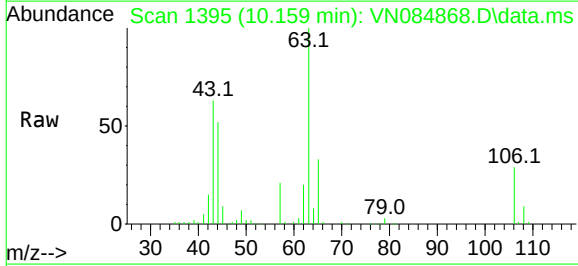
#55
2-Chloroethyl vinyl ether
Concen: 76.240 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01

Tgt Ion:	63	Resp:	98981
Ion Ratio	Lower	Upper	
63	100		
65	31.5	25.5	38.3
106	29.4	22.3	33.5

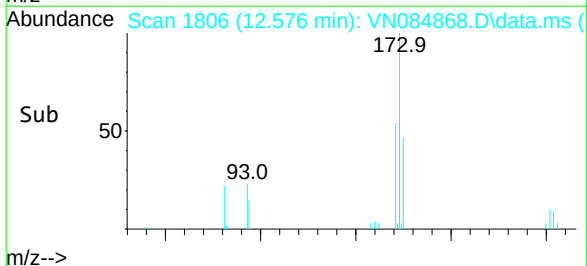
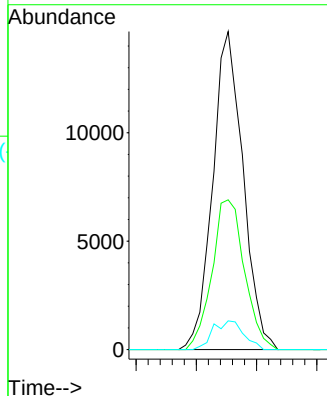
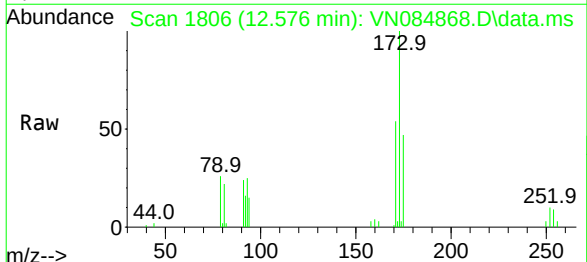
Manual Integrations
APPROVED

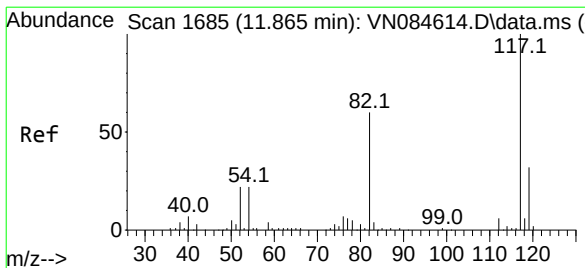
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#56
Bromoform
Concen: 19.052 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Tgt Ion:	173	Resp:	25674
Ion Ratio	Lower	Upper	
173	100		
175	50.3	39.4	59.2
254	9.2	6.4	9.6





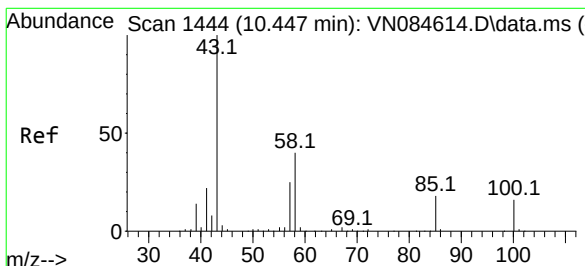
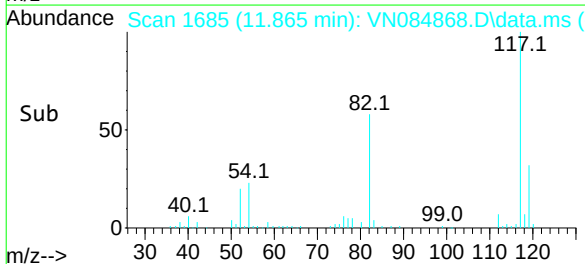
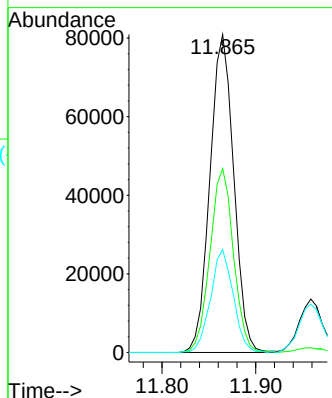
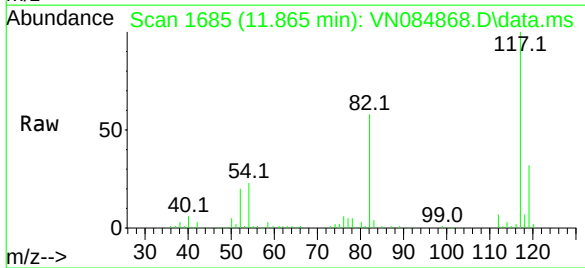
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01

Tgt Ion: 117 Resp: 143052
Ion Ratio Lower Upper
117 100
82 57.0 45.5 68.3
119 30.9 25.3 37.9

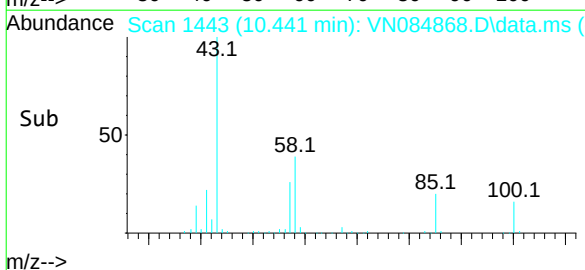
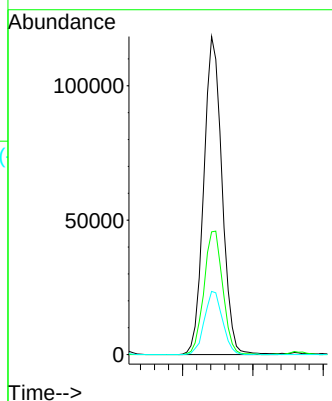
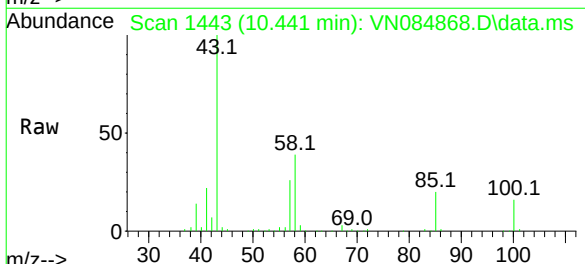
Manual Integrations
APPROVED

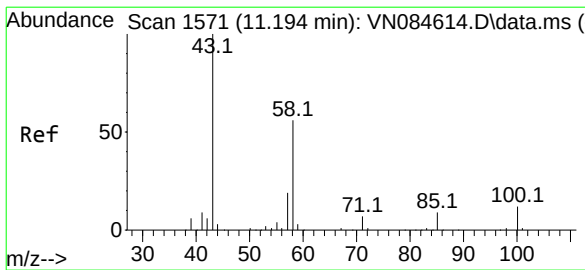
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#58
4-Methyl-2-Pentanone
Concen: 94.320 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Tgt Ion: 43 Resp: 212863
Ion Ratio Lower Upper
43 100
58 40.1 31.2 46.8
85 19.7 14.9 22.3





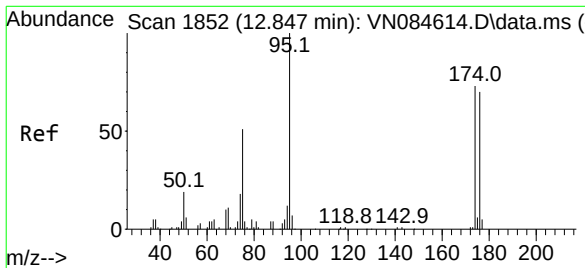
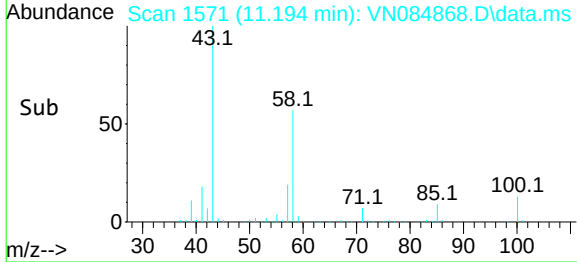
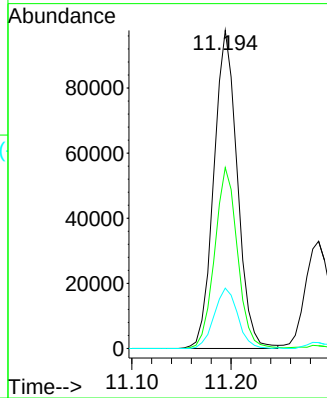
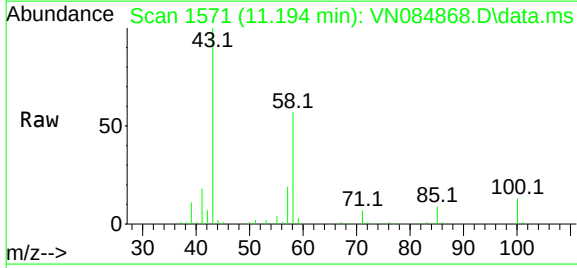
#59
2-Hexanone
Concen: 97.200 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01

Tgt Ion:	43	Resp:	160631
Ion	Ratio	Lower	Upper
43	100		
58	55.3	43.8	65.6
57	19.0	15.0	22.6

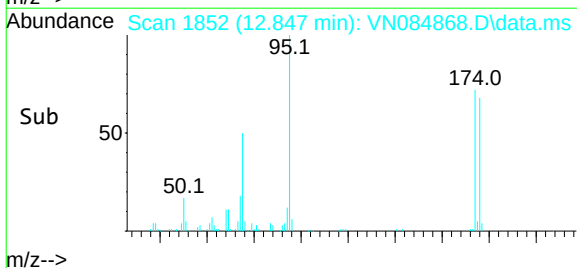
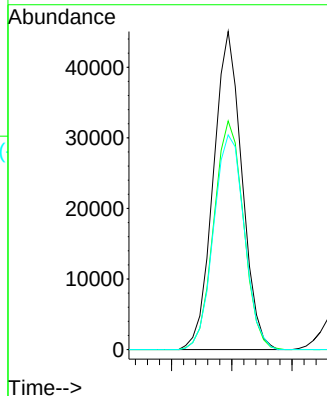
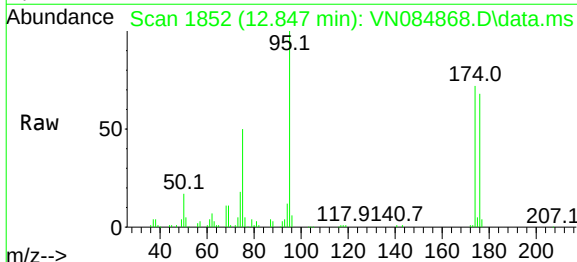
Manual Integrations
APPROVED

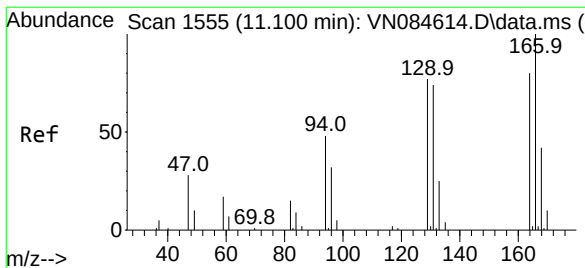
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#60
4-Bromofluorobenzene
Concen: 30.195 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

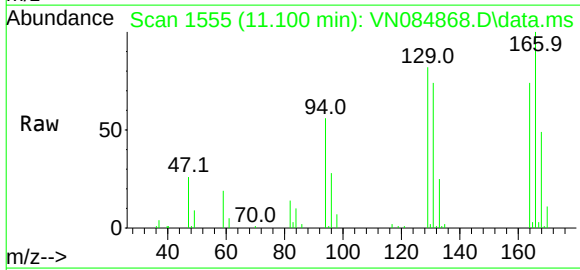
Tgt Ion:	95	Resp:	74373
Ion	Ratio	Lower	Upper
95	100		
174	74.5	59.6	89.4
176	72.4	58.6	88.0





#61
Tetrachloroethene
Concen: 20.024 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

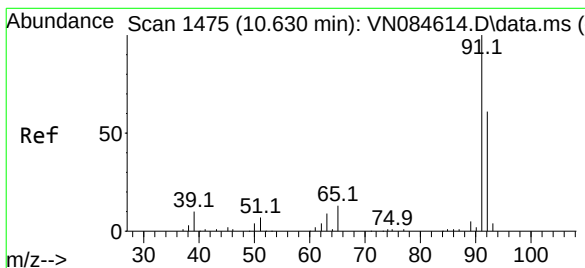
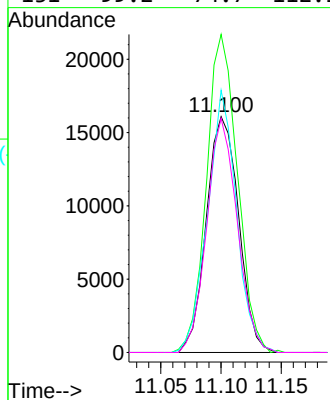
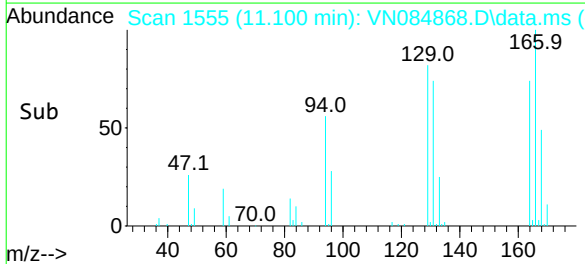
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01



Tgt Ion: 164 Resp: 29978
Ion Ratio Lower Upper
164 100
166 133.9 100.5 150.7
129 111.1 77.7 116.5
131 99.2 74.7 112.1

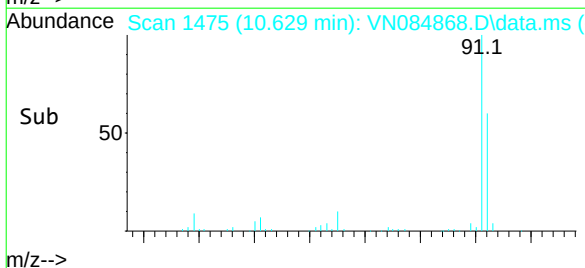
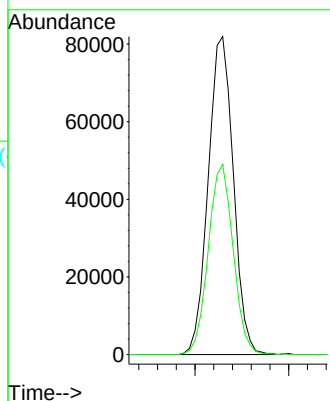
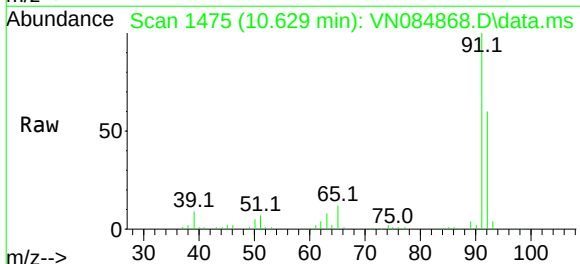
Manual Integrations
APPROVED

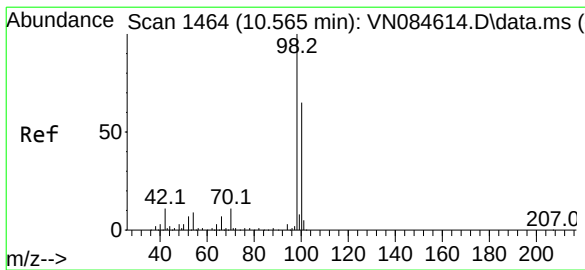
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#62
Toluene
Concen: 18.759 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Tgt Ion: 91 Resp: 152841
Ion Ratio Lower Upper
91 100
92 59.2 47.5 71.3





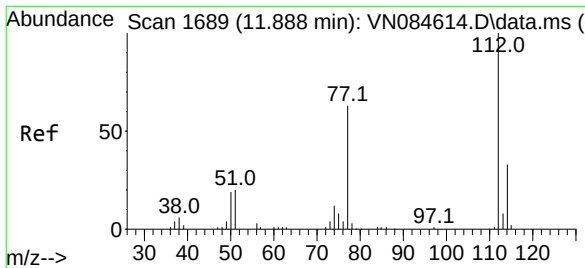
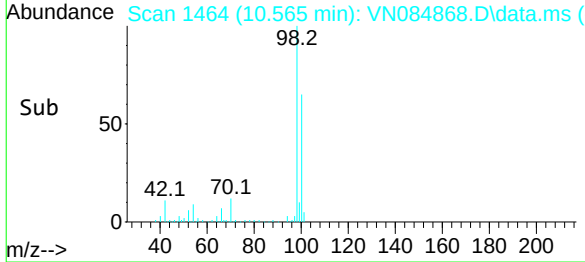
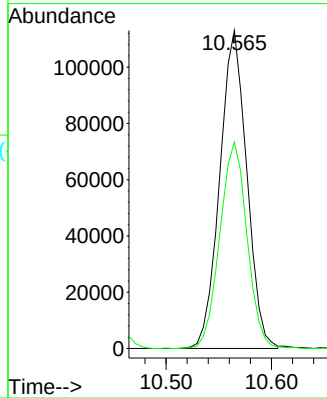
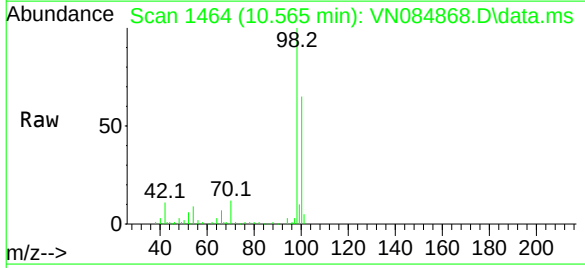
#63
Toluene-d8
Concen: 29.729 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01

Tgt Ion: 98 Resp: 201331
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2

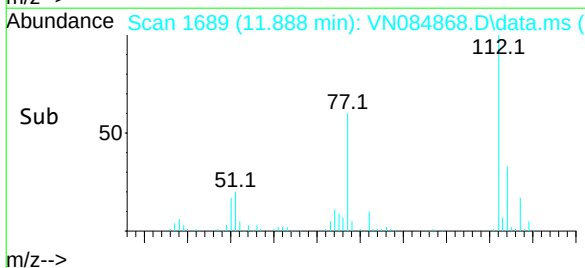
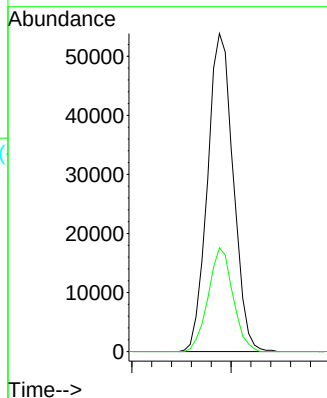
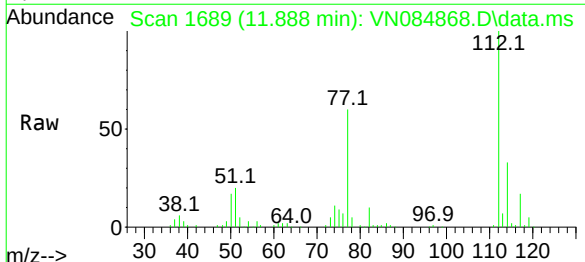
Manual Integrations
APPROVED

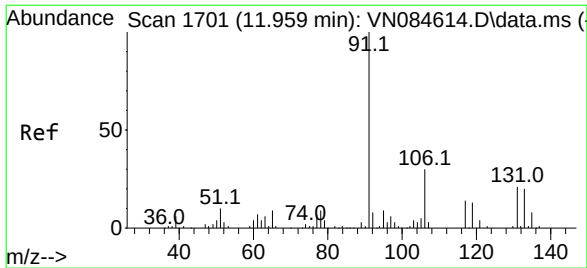
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#64
Chlorobenzene
Concen: 19.709 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

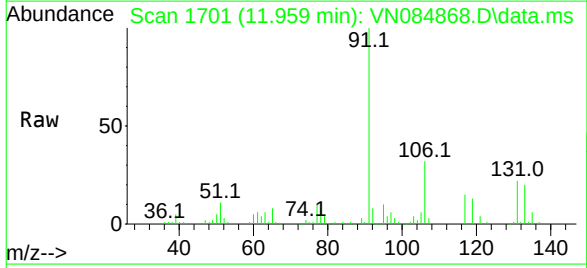
Tgt Ion:112 Resp: 96941
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.4





#65
1,1,1,2-Tetrachloroethane
Concen: 20.106 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

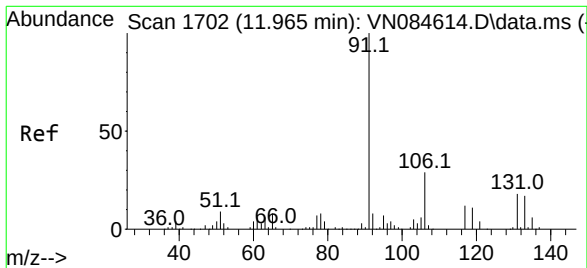
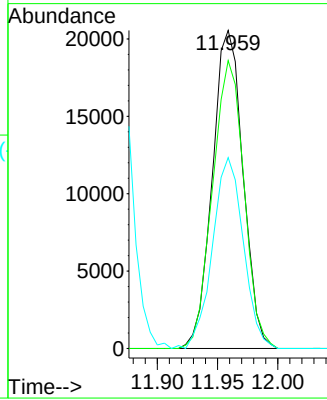
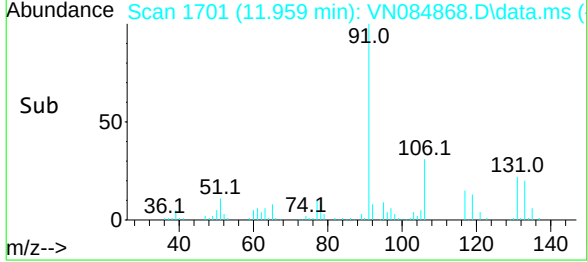
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01



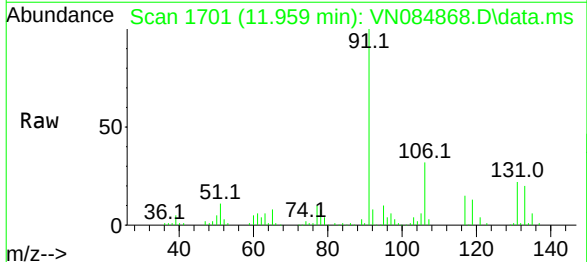
Tgt Ion: 131 Resp: 36346
Ion Ratio Lower Upper
131 100
133 92.7 0.0 189.2
119 60.2 0.0 129.4

Manual Integrations
APPROVED

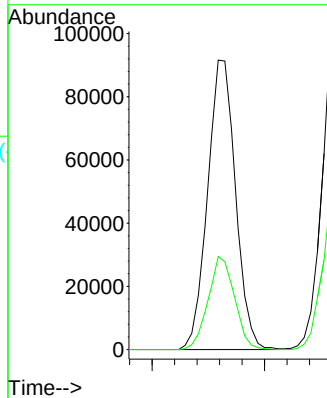
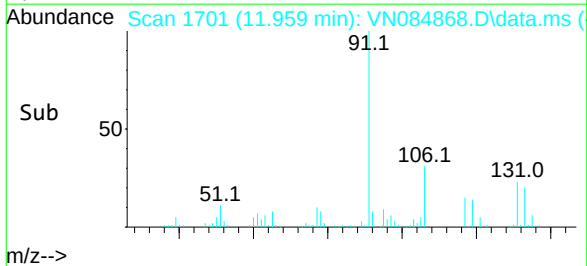
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024

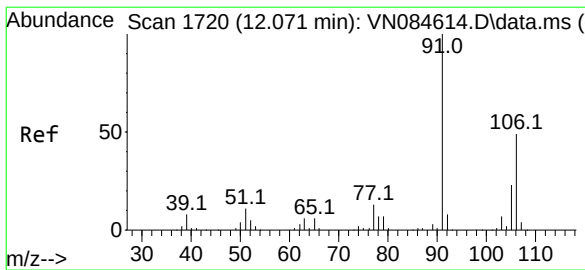


#66
Ethyl Benzene
Concen: 18.501 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26



Tgt Ion: 91 Resp: 158414
Ion Ratio Lower Upper
91 100
106 32.1 22.9 34.3





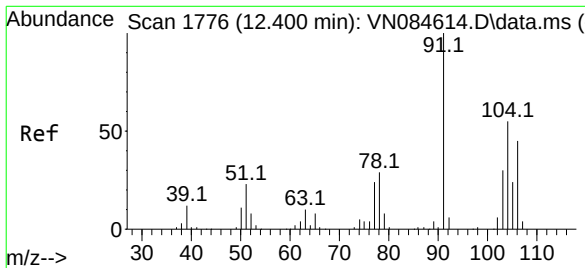
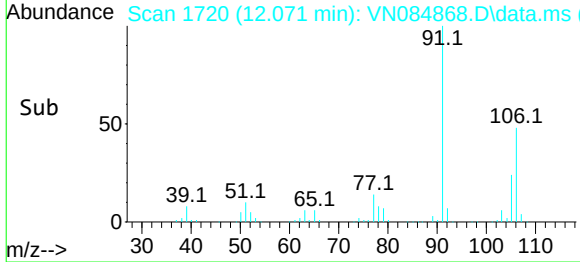
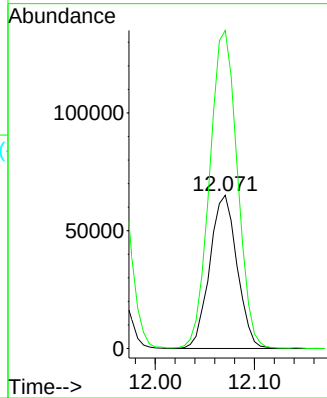
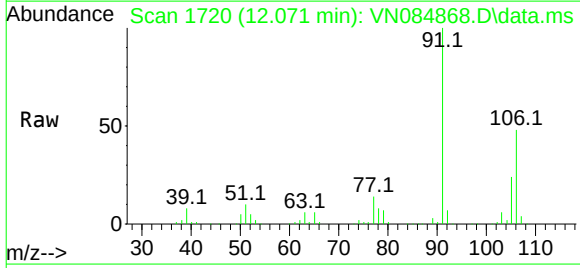
#67
m/p-Xylenes
Concen: 37.976 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01

Tgt Ion:106 Resp: 124496
Ion Ratio Lower Upper
106 100
91 210.9 168.1 252.1

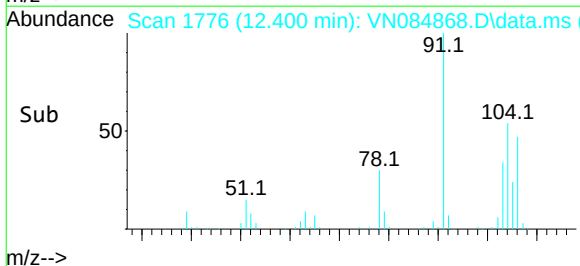
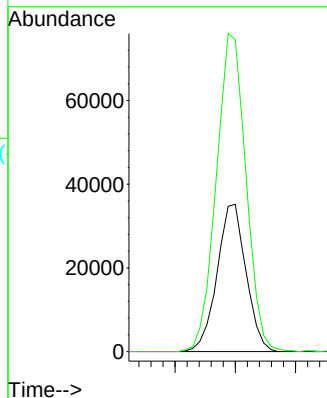
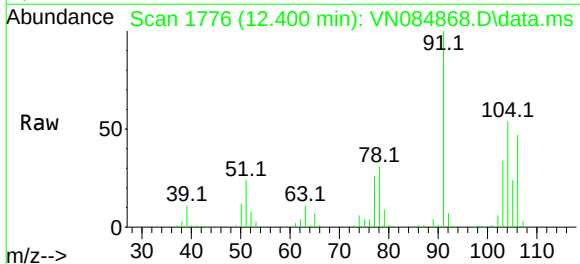
Manual Integrations
APPROVED

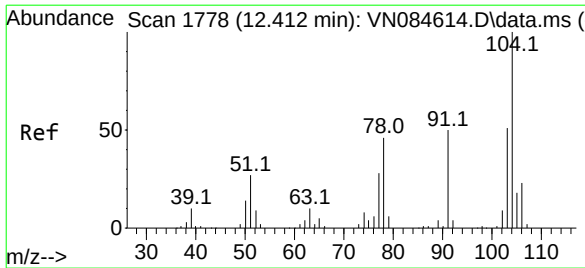
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#68
o-Xylene
Concen: 18.585 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Tgt Ion:106 Resp: 58772
Ion Ratio Lower Upper
106 100
91 221.6 107.7 322.9





#69

Styrene

Concen: 18.812 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN084868.D

Acq: 15 Nov 2024 14:26

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBS01

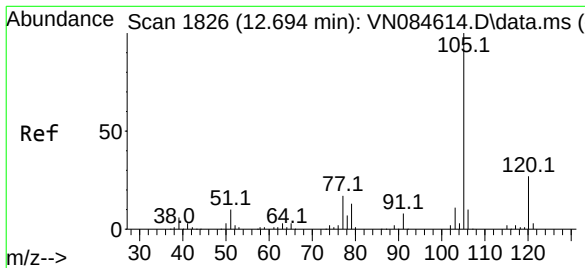
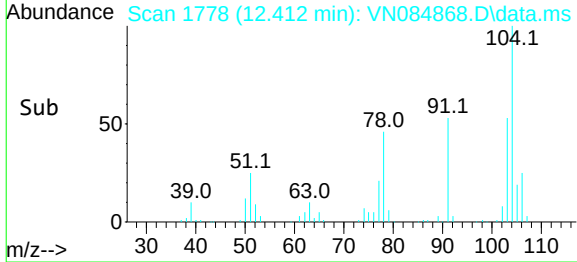
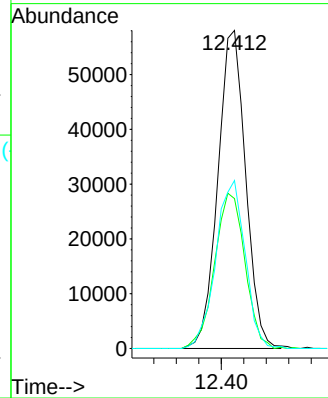
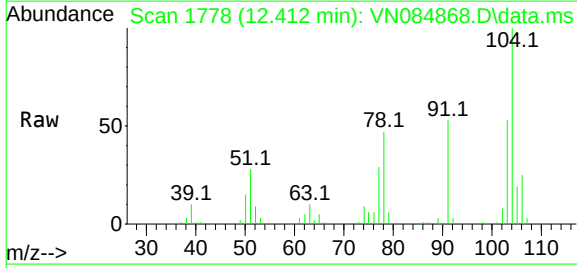
Tgt Ion:	104	Resp:	99743
Ion Ratio	Lower	Upper	
104	100		
78	53.2	41.5	62.3
103	55.6	44.6	67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2024

Supervised By :Mahesh Dadoda 11/18/2024



#70

Isopropylbenzene

Concen: 19.295 ug/l

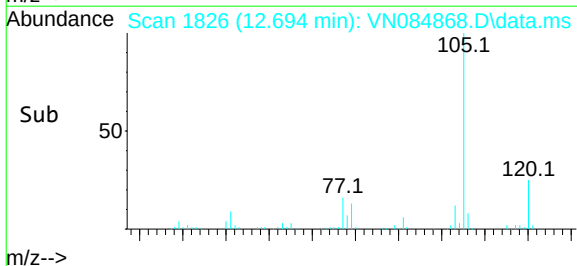
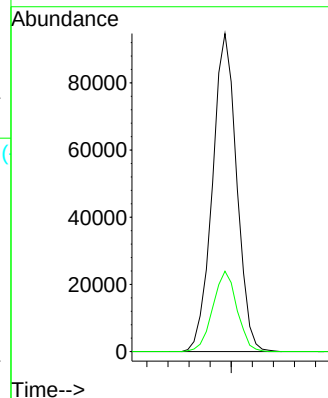
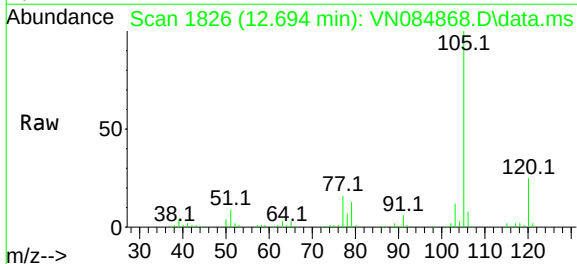
RT: 12.694 min Scan# 1826

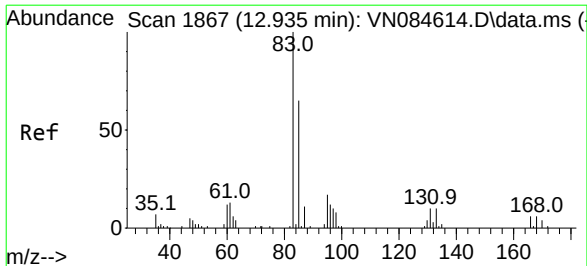
Delta R.T. 0.000 min

Lab File: VN084868.D

Acq: 15 Nov 2024 14:26

Tgt Ion:	105	Resp:	151576
Ion Ratio	Lower	Upper	
105	100		
120	25.2	18.7	34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 20.002 ug/l

RT: 12.941 min Scan# 1867

Delta R.T. 0.006 min

Lab File: VN084868.D

Acq: 15 Nov 2024 14:26

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBS01

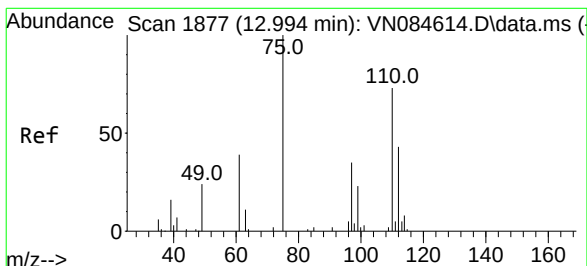
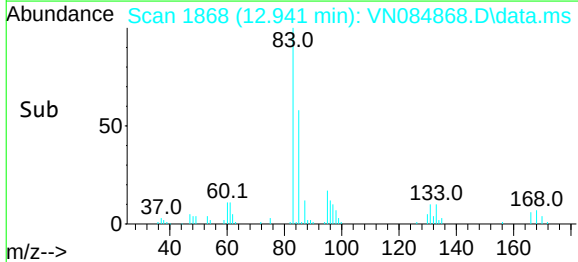
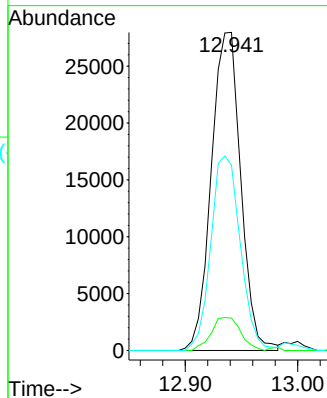
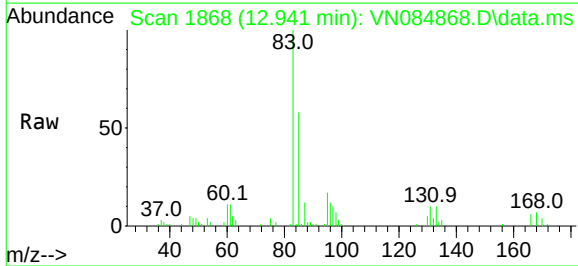
Tgt Ion:	83	Resp:	50929
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.3
85	61.2	33.3	99.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2024

Supervised By :Mahesh Dadoda 11/18/2024



#72

1,2,3-Trichloropropane

Concen: 18.121 ug/l m

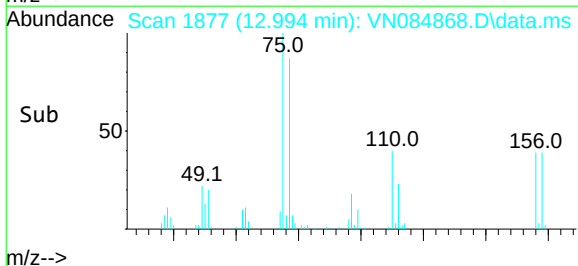
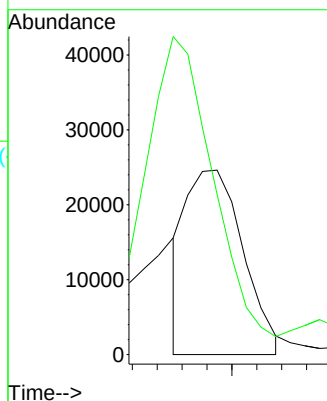
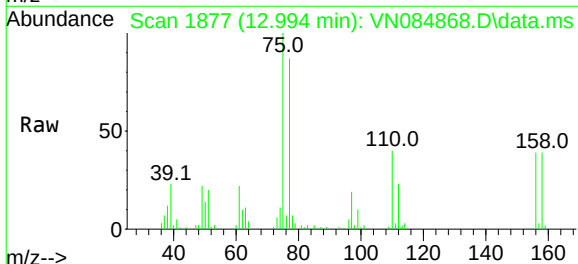
RT: 12.994 min Scan# 1877

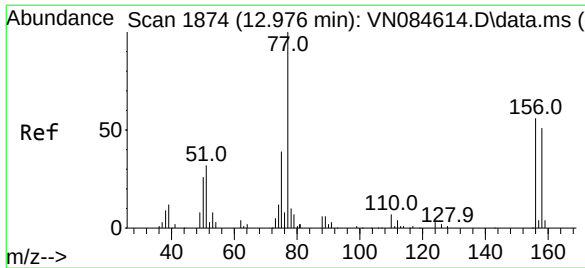
Delta R.T. 0.000 min

Lab File: VN084868.D

Acq: 15 Nov 2024 14:26

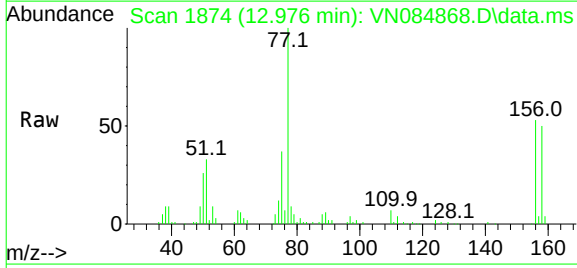
Tgt Ion:	75	Resp:	39398
Ion Ratio	Lower	Upper	
75	100		
77	213.3	0.0	358.4





#73
Bromobenzene
Concen: 19.204 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

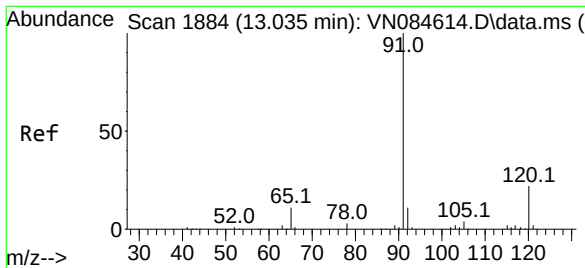
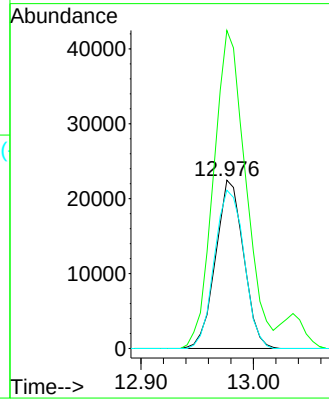
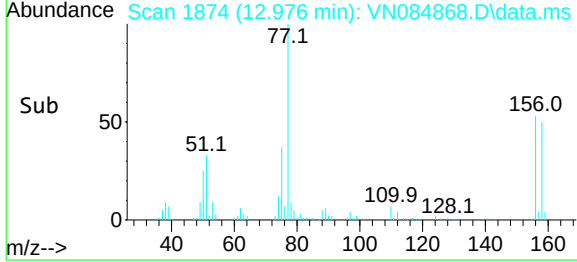
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01



Tgt Ion: 156 Resp: 38909
Ion Ratio Lower Upper
156 100
77 215.9 0.0 427.6
158 99.3 0.0 191.6

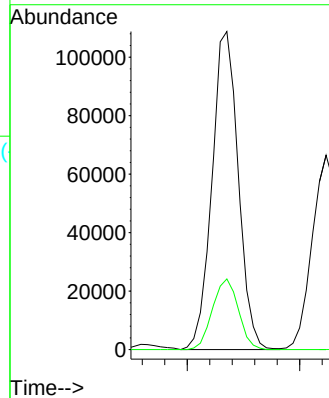
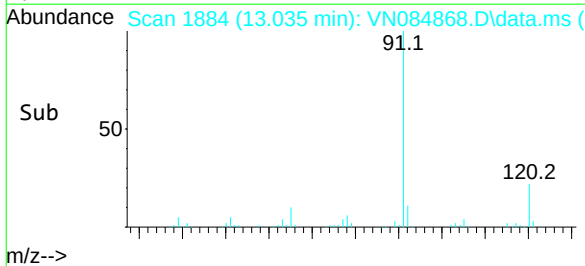
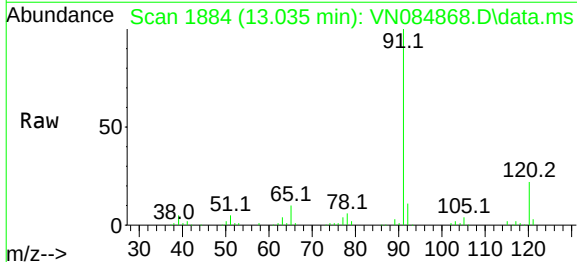
Manual Integrations
APPROVED

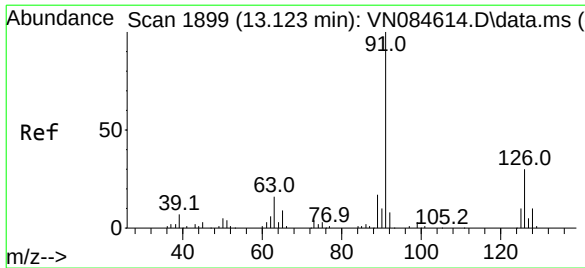
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#74
n-propylbenzene
Concen: 19.229 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Tgt Ion: 91 Resp: 176634
Ion Ratio Lower Upper
91 100
120 21.9 0.0 44.0





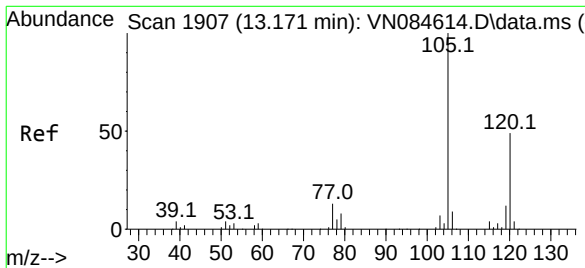
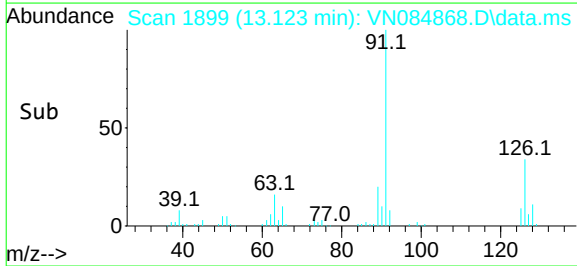
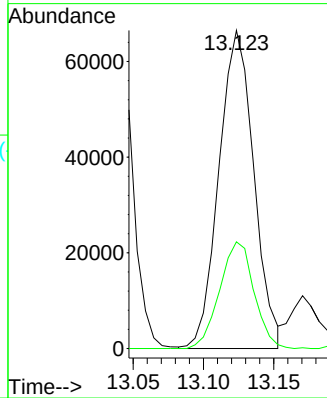
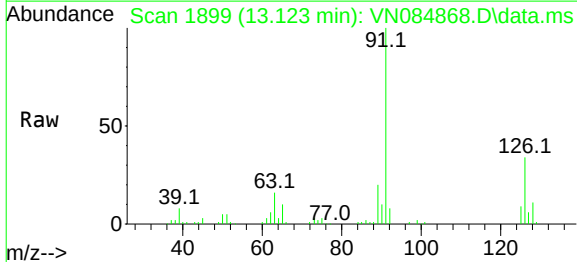
#75
2-Chlorotoluene
Concen: 19.190 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01

Tgt Ion: 91 Resp: 114798
Ion Ratio Lower Upper
91 100
126 32.9 0.0 60.8

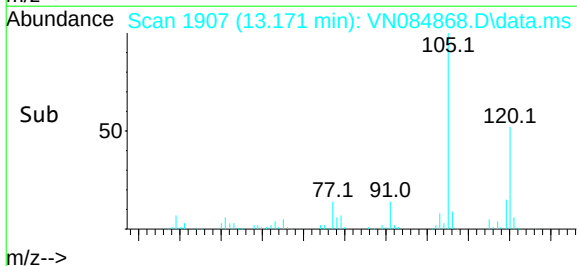
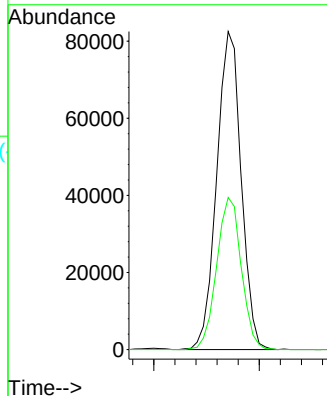
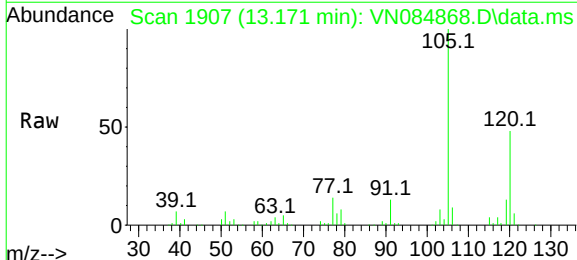
Manual Integrations
APPROVED

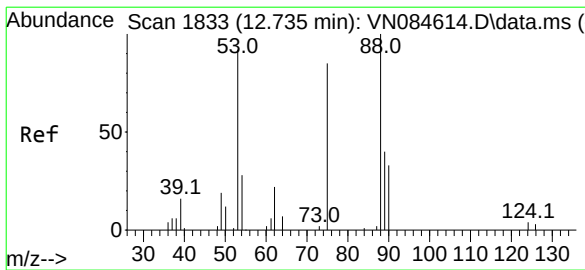
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.800 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

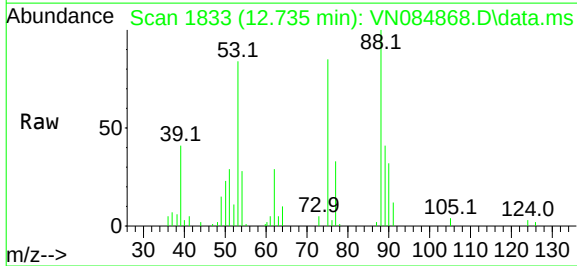
Tgt Ion:105 Resp: 132899
Ion Ratio Lower Upper
105 100
120 48.1 0.0 96.8





#77
t-1,4-Dichloro-2-butene
Concen: 18.806 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

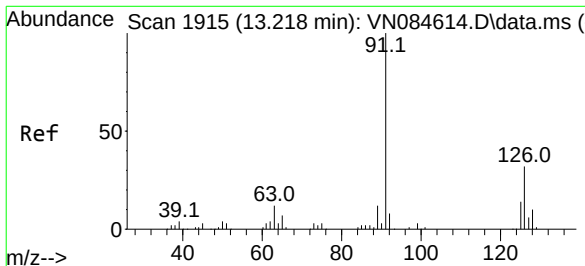
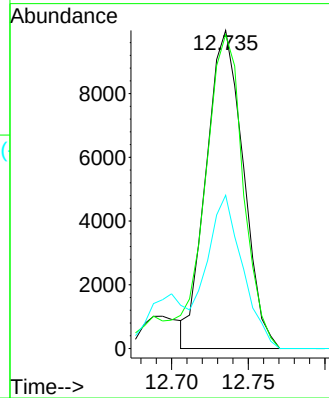
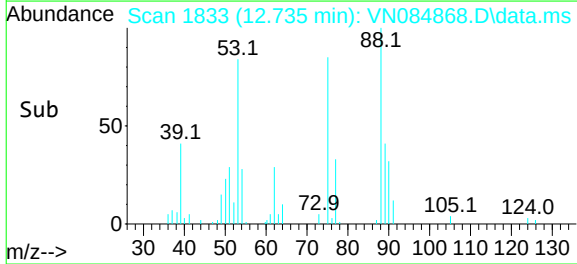
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01



Tgt Ion: 75 Resp: 16769
Ion Ratio Lower Upper
75 100
53 98.7 52.4 157.2
89 48.2 26.0 78.0

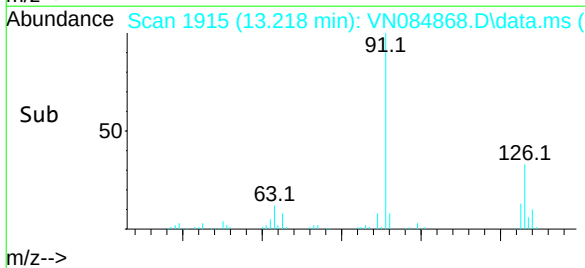
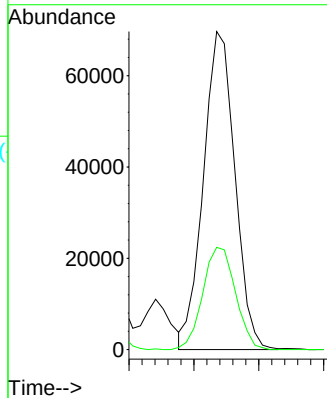
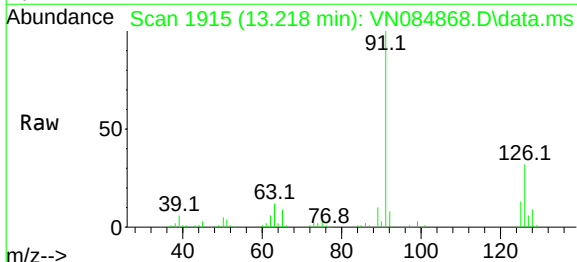
Manual Integrations
APPROVED

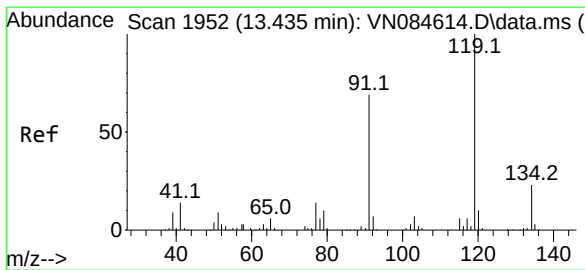
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#78
4-Chlorotoluene
Concen: 19.459 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Tgt Ion: 91 Resp: 117611
Ion Ratio Lower Upper
91 100
126 33.4 0.0 63.4





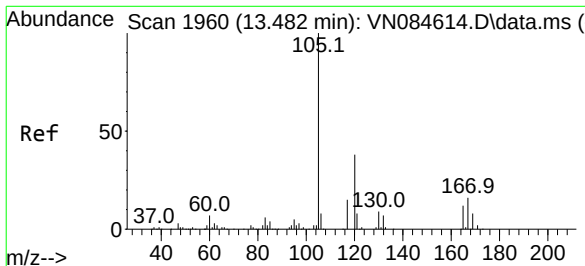
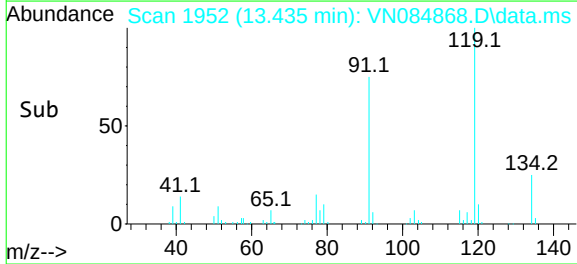
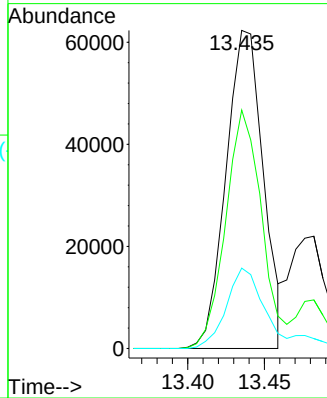
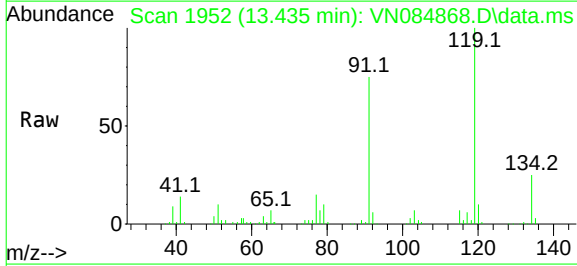
#79
tert-butylbenzene
Concen: 18.989 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01

Tgt Ion:119 Resp: 105399
Ion Ratio Lower Upper
119 100
91 72.5 0.0 143.2
134 25.0 0.0 49.4

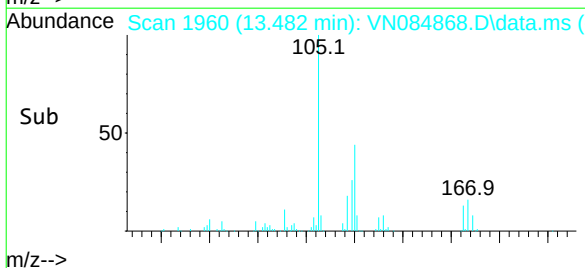
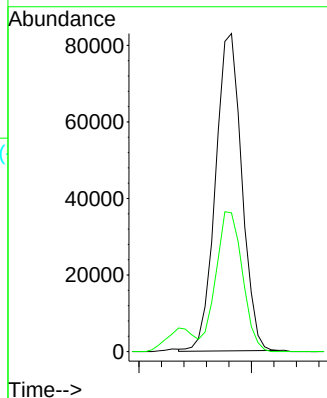
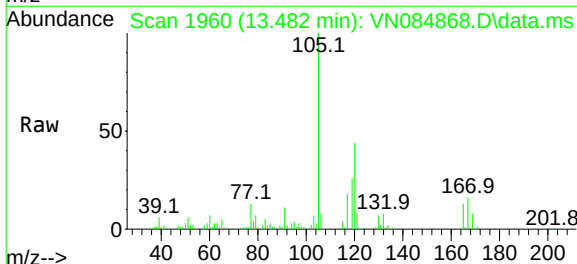
Manual Integrations
APPROVED

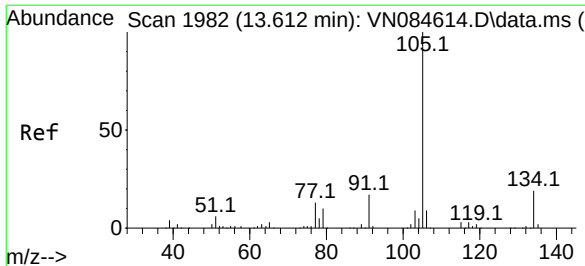
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.877 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Tgt Ion:105 Resp: 134591
Ion Ratio Lower Upper
105 100
120 44.5 0.0 90.4





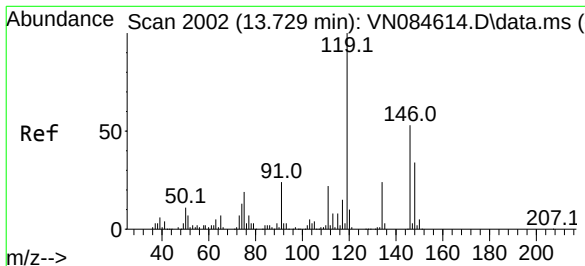
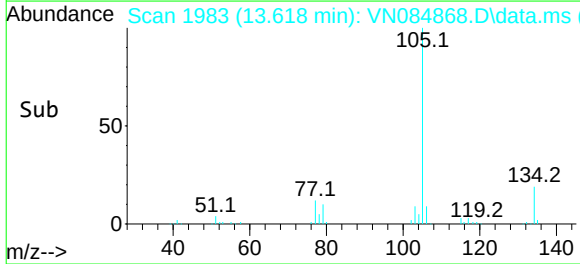
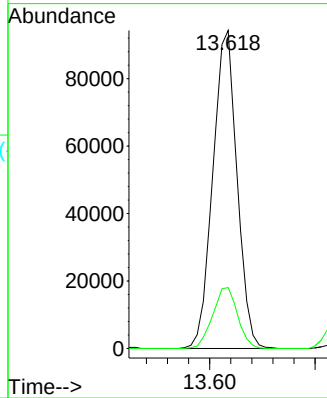
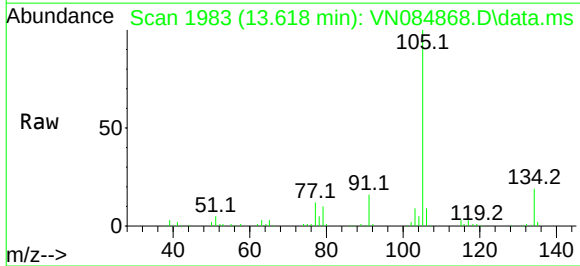
#81
sec-Butylbenzene
Concen: 19.633 ug/l
RT: 13.618 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01

Tgt Ion:105 Resp: 150165
Ion Ratio Lower Upper
105 100
134 19.7 0.0 39.0

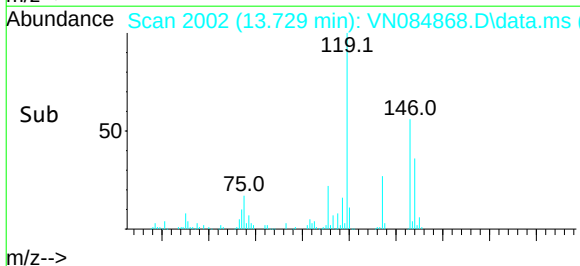
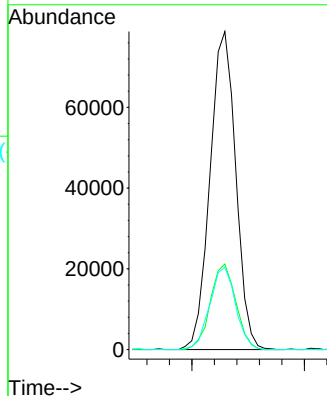
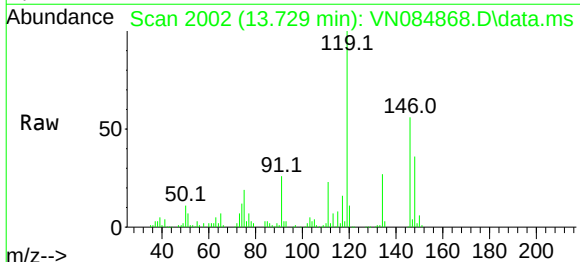
Manual Integrations
APPROVED

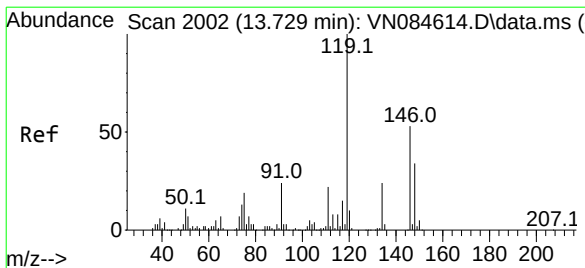
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#82
p-Isopropyltoluene
Concen: 19.511 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Tgt Ion:119 Resp: 125386
Ion Ratio Lower Upper
119 100
134 26.6 0.0 51.4
91 25.9 0.0 50.4





#83

1,3-Dichlorobenzene

Concen: 19.798 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084868.D

Acq: 15 Nov 2024 14:26

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBS01

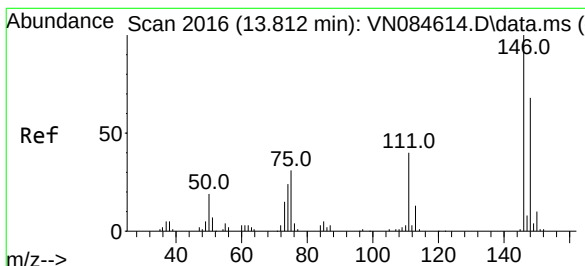
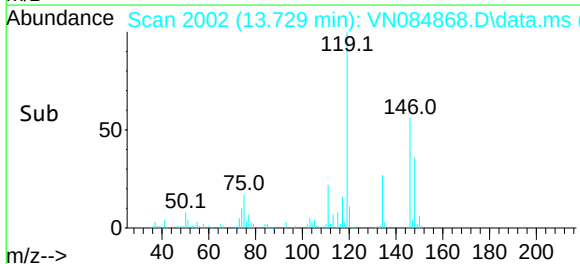
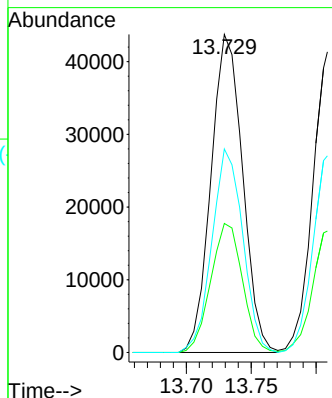
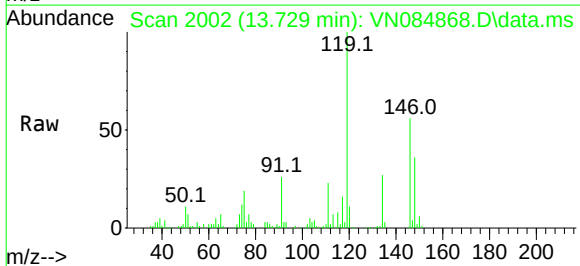
Tgt Ion:	146	Resp:	74185
Ion Ratio	Lower	Upper	
146	100		
111	40.7	21.0	63.0
148	62.5	31.3	93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2024

Supervised By :Mahesh Dadoda 11/18/2024



#84

1,4-Dichlorobenzene

Concen: 19.700 ug/l

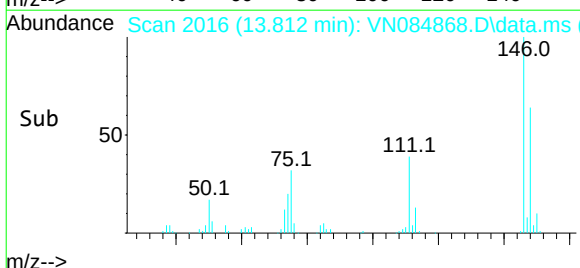
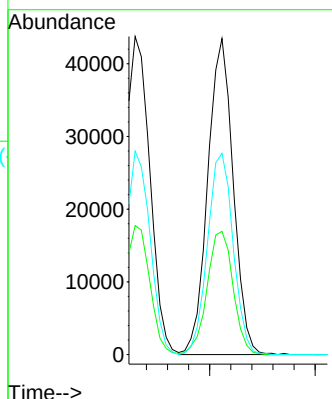
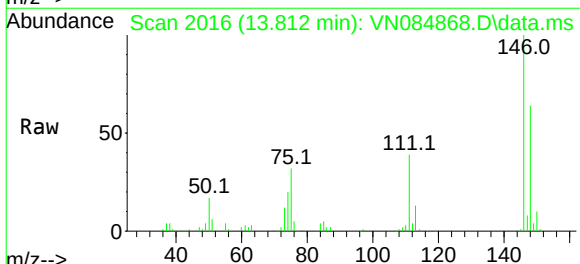
RT: 13.812 min Scan# 2016

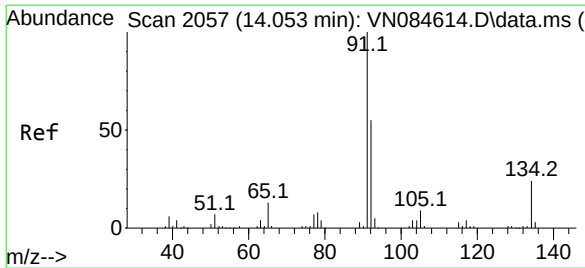
Delta R.T. 0.000 min

Lab File: VN084868.D

Acq: 15 Nov 2024 14:26

Tgt Ion:	146	Resp:	72940
Ion Ratio	Lower	Upper	
146	100		
111	39.8	20.2	60.5
148	64.2	32.6	98.0





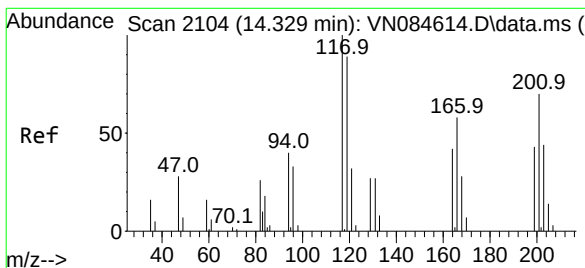
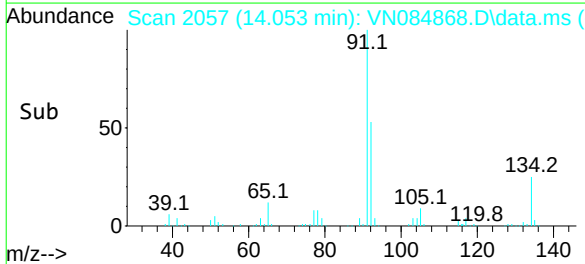
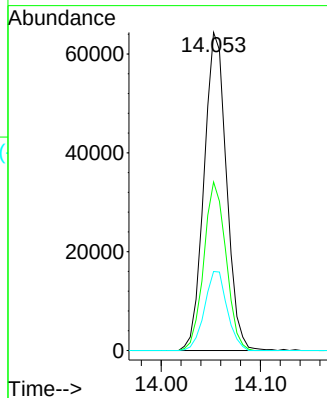
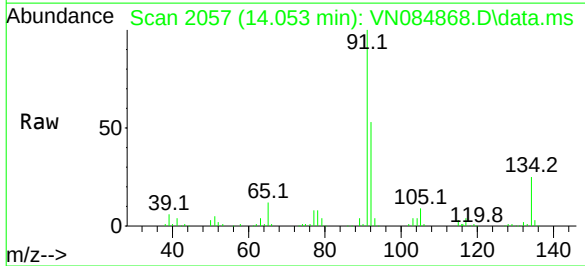
#85
n-Butylbenzene
Concen: 18.720 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01

Tgt Ion: 91 Resp: 101044
Ion Ratio Lower Upper
91 100
92 52.4 0.0 106.2
134 25.0 0.0 48.2

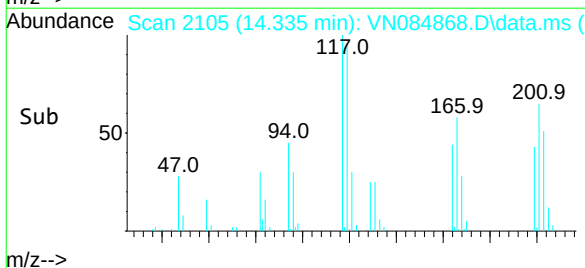
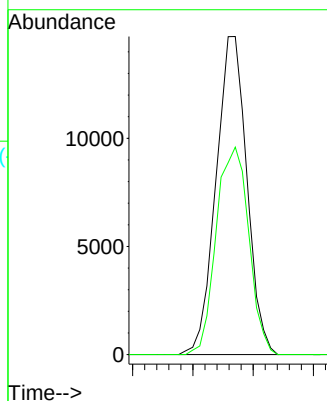
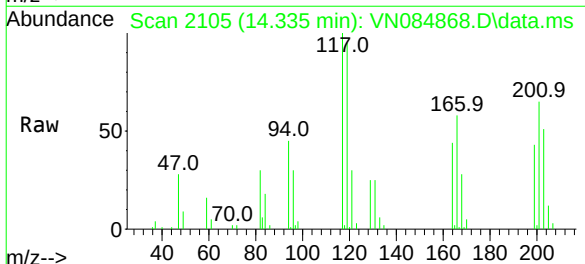
Manual Integrations
APPROVED

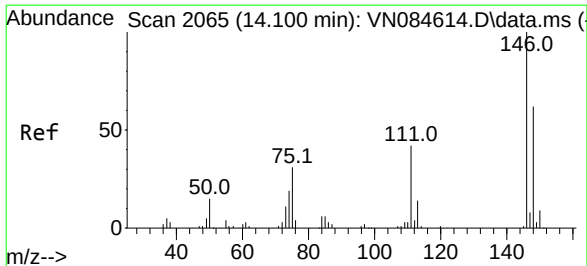
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#86
Hexachloroethane
Concen: 19.925 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

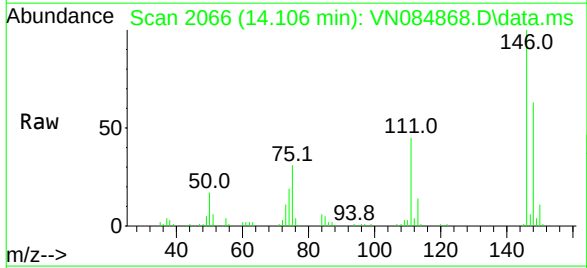
Tgt Ion:117 Resp: 26188
Ion Ratio Lower Upper
117 100
201 68.6 34.4 103.3





#87
1,2-Dichlorobenzene
Concen: 19.692 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

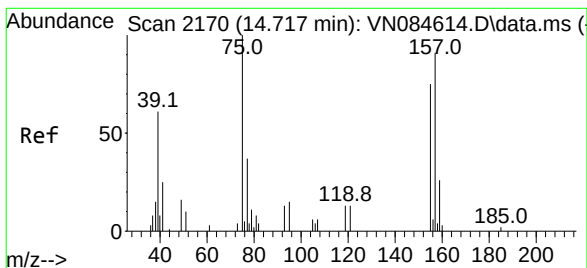
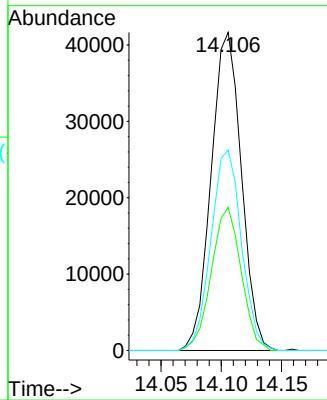
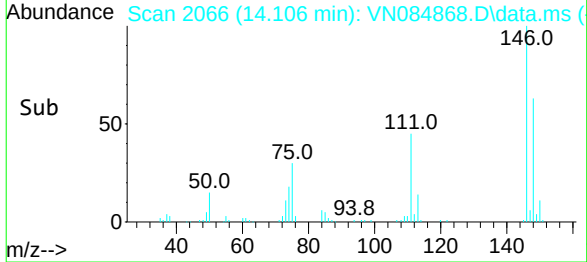
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01



Tgt Ion:	146	Resp:	72712
Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.4	67.0
148	63.6	32.6	98.0

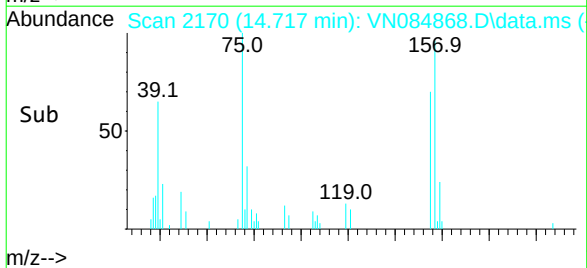
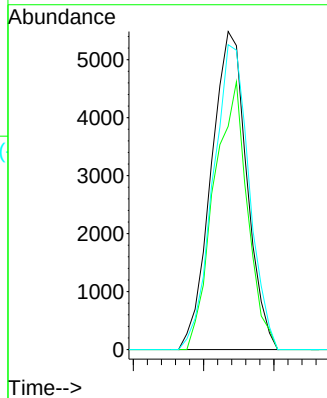
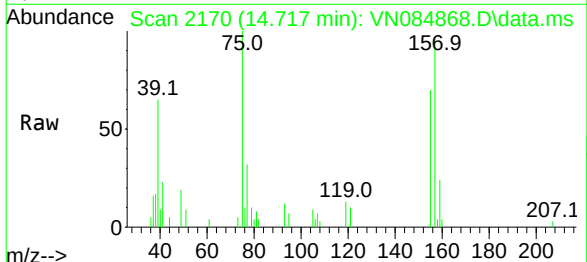
Manual Integrations
APPROVED

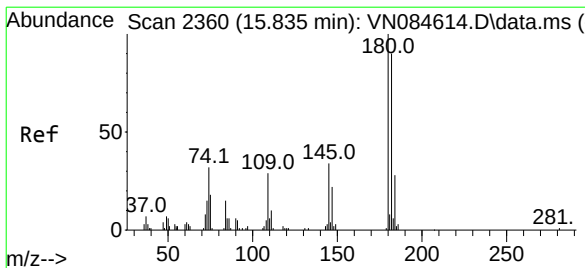
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.727 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084868.D
Acq: 15 Nov 2024 14:26

Tgt Ion:	75	Resp:	9692
Ion	Ratio	Lower	Upper
75	100		
155	78.9	61.8	92.6
157	96.3	74.7	112.1





#89

1,2,4-Trichlorobenzene

Concen: 18.659 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN084868.D

Acq: 15 Nov 2024 14:26

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBS01

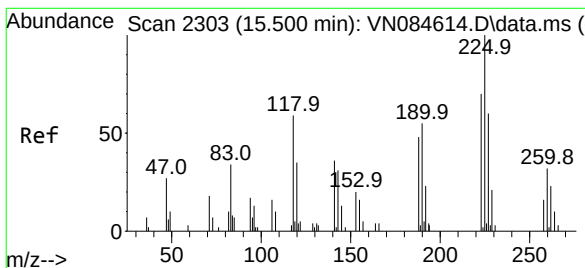
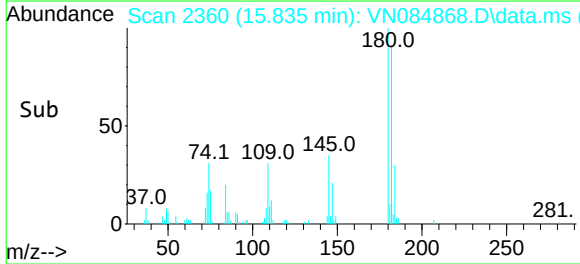
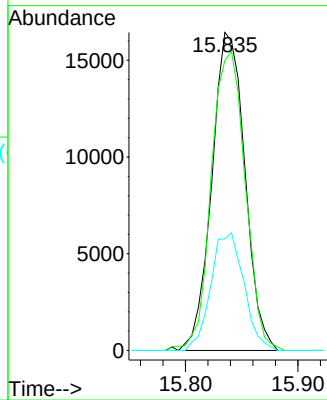
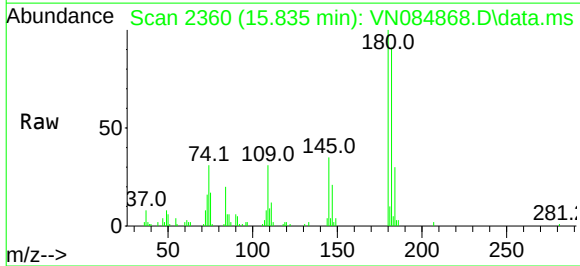
Tgt Ion:	180	Resp:	33546
Ion Ratio	Lower	Upper	
180	100		
182	96.0	73.0	109.6
145	37.0	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2024

Supervised By :Mahesh Dadoda 11/18/2024



#90

Hexachlorobutadiene

Concen: 23.410 ug/l

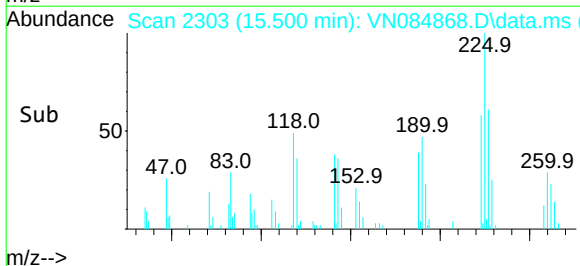
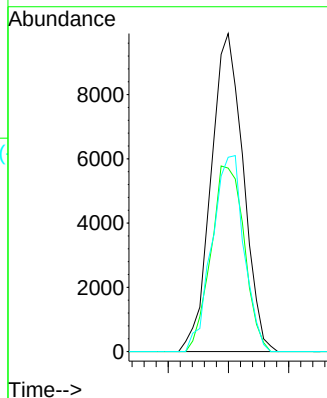
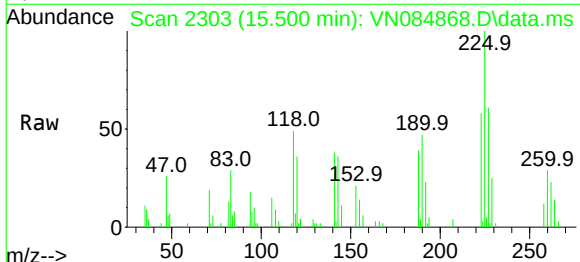
RT: 15.500 min Scan# 2303

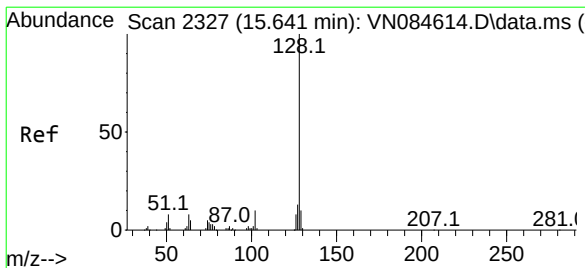
Delta R.T. 0.000 min

Lab File: VN084868.D

Acq: 15 Nov 2024 14:26

Tgt Ion:	225	Resp:	18385
Ion Ratio	Lower	Upper	
225	100		
223	60.3	0.0	138.8
227	61.2	0.0	123.2





#91

Naphthalene

Concen: 17.550 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN084868.D

Acq: 15 Nov 2024 14:26

Instrument :

MSVOA_N

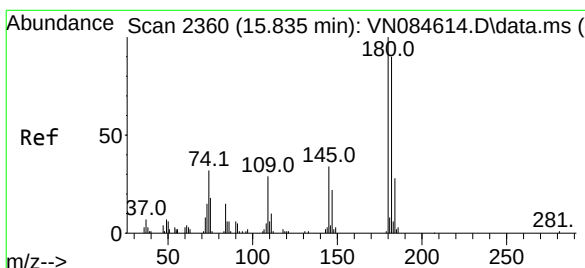
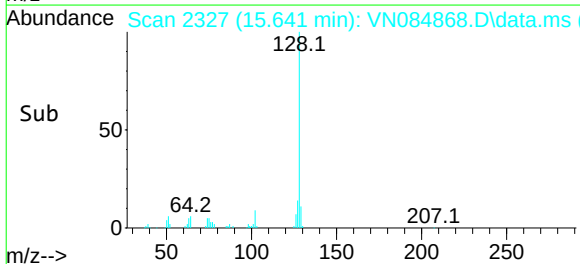
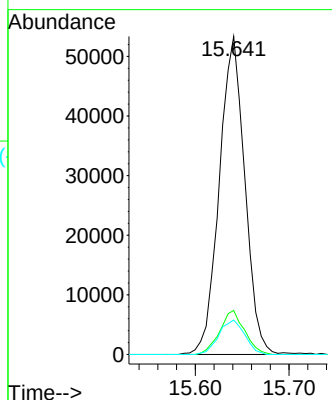
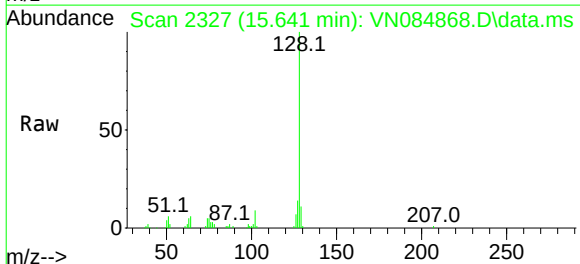
ClientSampleId :

VN1115WBS01

Tgt Ion:	128	Resp:	100764
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	11.0	8.6	12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#92

1,2,3-Trichlorobenzene

Concen: 18.659 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN084868.D

Acq: 15 Nov 2024 14:26

Tgt Ion:	180	Resp:	33546
Ion	Ratio	Lower	Upper
180	100		
182	96.0	0.0	182.6
145	37.0	0.0	66.2

