

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111524\
 Data File : VN084882.D
 Acq On : 15 Nov 2024 20:24
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

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

Quant Time: Nov 15 22:31:04 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

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

Internal Standards						
1) Bromochloromethane	7.812	128	30116	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	161845	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	148835	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	73569	30.386	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.300%			
60) 4-Bromofluorobenzene	12.847	95	74102	28.916	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.400%			
63) Toluene-d8	10.565	98	212269	30.127	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.433%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.118	85	31601	18.041	ug/l	95
3) Chloromethane	2.359	50	36963	17.527	ug/l	100
4) Vinyl Chloride	2.512	62	37625	19.213	ug/l	92
5) Bromomethane	2.901	94	18085	18.195	ug/l	93
6) Chloroethane	3.065	64	26219	20.392	ug/l	94
7) Trichlorofluoromethane	3.459	101	62213	19.562	ug/l	99
8) Diethyl Ether	3.953	74	22051	19.438	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.353	101	35916	19.983	ug/l	98
10) 1,1-Dichloroethene	4.318	96	33002	18.803	ug/l	94
11) Methyl Iodide	4.571	142	38759	16.068	ug/l	90
12) Methyl Acetate	5.018	43	48771	17.827	ug/l	91
13) Acrolein	4.177	56	38684	114.665	ug/l	99
14) Acrylonitrile	5.712	53	91966	102.757	ug/l	98
15) Acetone	4.430	58	23477	102.091	ug/l	99
16) Carbon Disulfide	4.700	76	94303	18.261	ug/l	99
17) Allyl chloride	5.012	41	53478	17.882	ug/l	93
18) Methylene Chloride	5.271	84	38812	18.871	ug/l	94
19) trans-1,2-Dichloroethene	5.777	96	34181	18.580	ug/l	85
20) Diisopropyl ether	6.671	45	115762	19.336	ug/l	97
21) 1,1-Dichloroethane	6.559	63	69034	19.174	ug/l	97
22) cis-1,2-Dichloroethene	7.477	96	40999	18.667	ug/l	94
23) tert-Butyl Alcohol	5.536	59	30075	96.255	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	106918	18.838	ug/l	99
25) Chloroform	7.959	83	70617	19.144	ug/l	99
26) Cyclohexane	8.253	56	50378	18.318	ug/l	99
29) 1,1-Dichloropropene	8.365	75	45762	18.772	ug/l	98
30) 2-Butanone	7.483	43	120101	106.806	ug/l	99
31) 2,2-Dichloropropane	7.483	77	55083	18.511	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	63434	19.154	ug/l	99
33) Carbon Tetrachloride	8.353	117	53730	19.013	ug/l	99
34) Benzene	8.600	78	153115	19.003	ug/l	96
35) Methacrylonitrile	7.777	41	27163	20.381	ug/l	94
36) 1,2-Dichloroethane	8.665	62	53115	19.822	ug/l #	89
37) Trichloroethene	9.347	130	33350	18.347	ug/l	91
38) Methylcyclohexane	9.594	83	46157	17.588	ug/l	97
39) 1,2-Dichloropropane	9.612	63	37849	19.514	ug/l	93
40) Dibromomethane	9.706	93	26503	19.532	ug/l	99
41) Bromodichloromethane	9.883	83	54546	18.752	ug/l	98
42) Vinyl Acetate	6.600	43	403155	95.917	ug/l	100

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Manual Integrations
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	48505	20.529	ug/l	99
44) Isopropyl Acetate	8.688	43	87270	18.240	ug/l	100
45) 1,4-Dioxane	9.694	88	12785	400.256	ug/l	89
46) Methyl methacrylate	9.677	41	32673	16.993	ug/l	91
47) n-amyl Acetate	12.494	43	66911	18.725	ug/l	99
48) t-1,3-Dichloropropene	10.835	75	52592	18.310	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	57344	18.628	ug/l	96
50) 1,1,2-Trichloroethane	11.018	97	34715	19.073	ug/l	98
51) Ethyl methacrylate	10.877	69	51058	18.199	ug/l	93
52) 1,3-Dichloropropane	11.159	76	61521	19.473	ug/l	98
53) Dibromochloromethane	11.359	129	40253	18.899	ug/l	98
54) 1,2-Dibromoethane	11.471	107	36108	19.615	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	133194	96.835	ug/l	99
56) Bromoform	12.576	173	27400	19.192	ug/l	96
58) 4-Methyl-2-Pentanone	10.447	43	251328	107.037	ug/l	99
59) 2-Hexanone	11.194	43	181950	105.823	ug/l	100
61) Tetrachloroethene	11.100	164	29969	19.240	ug/l	96
62) Toluene	10.630	91	162405	19.158	ug/l	96
64) Chlorobenzene	11.888	112	95699	18.700	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	34910	18.562	ug/l	95
66) Ethyl Benzene	11.959	91	160632	18.031	ug/l	99
67) m/p-Xylenes	12.071	106	129574	37.990	ug/l	96
68) o-Xylene	12.400	106	60402	18.359	ug/l	95
69) Styrene	12.412	104	102615	18.601	ug/l	99
70) Isopropylbenzene	12.694	105	151645	18.554	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	54660	20.633	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	49363m	21.822	ug/l	
73) Bromobenzene	12.976	156	38001	18.027	ug/l	90
74) n-propylbenzene	13.035	91	174216	18.229	ug/l	100
75) 2-Chlorotoluene	13.123	91	117134	18.820	ug/l	98
76) 1,3,5-Trimethylbenzene	13.171	105	130571	18.698	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	16524	17.811	ug/l	94
78) 4-Chlorotoluene	13.218	91	113174	17.997	ug/l	100
79) tert-butylbenzene	13.435	119	108959	18.867	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	129729	18.414	ug/l	98
81) sec-Butylbenzene	13.618	105	145175	18.244	ug/l	100
82) p-Isopropyltoluene	13.729	119	117323	17.547	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	69849	17.916	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	65846	17.093	ug/l	98
85) n-Butylbenzene	14.059	91	82040	14.609	ug/l	99
86) Hexachloroethane	14.335	117	23050	16.856	ug/l	95
87) 1,2-Dichlorobenzene	14.106	146	65581	17.071	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	10366	20.279	ug/l	98
89) 1,2,4-Trichlorobenzene	15.835	180	31390	16.781	ug/l	98
90) Hexachlorobutadiene	15.500	225	14899	18.234	ug/l	93
91) Naphthalene	15.635	128	98655	16.515	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	31390	16.781	ug/l	98

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

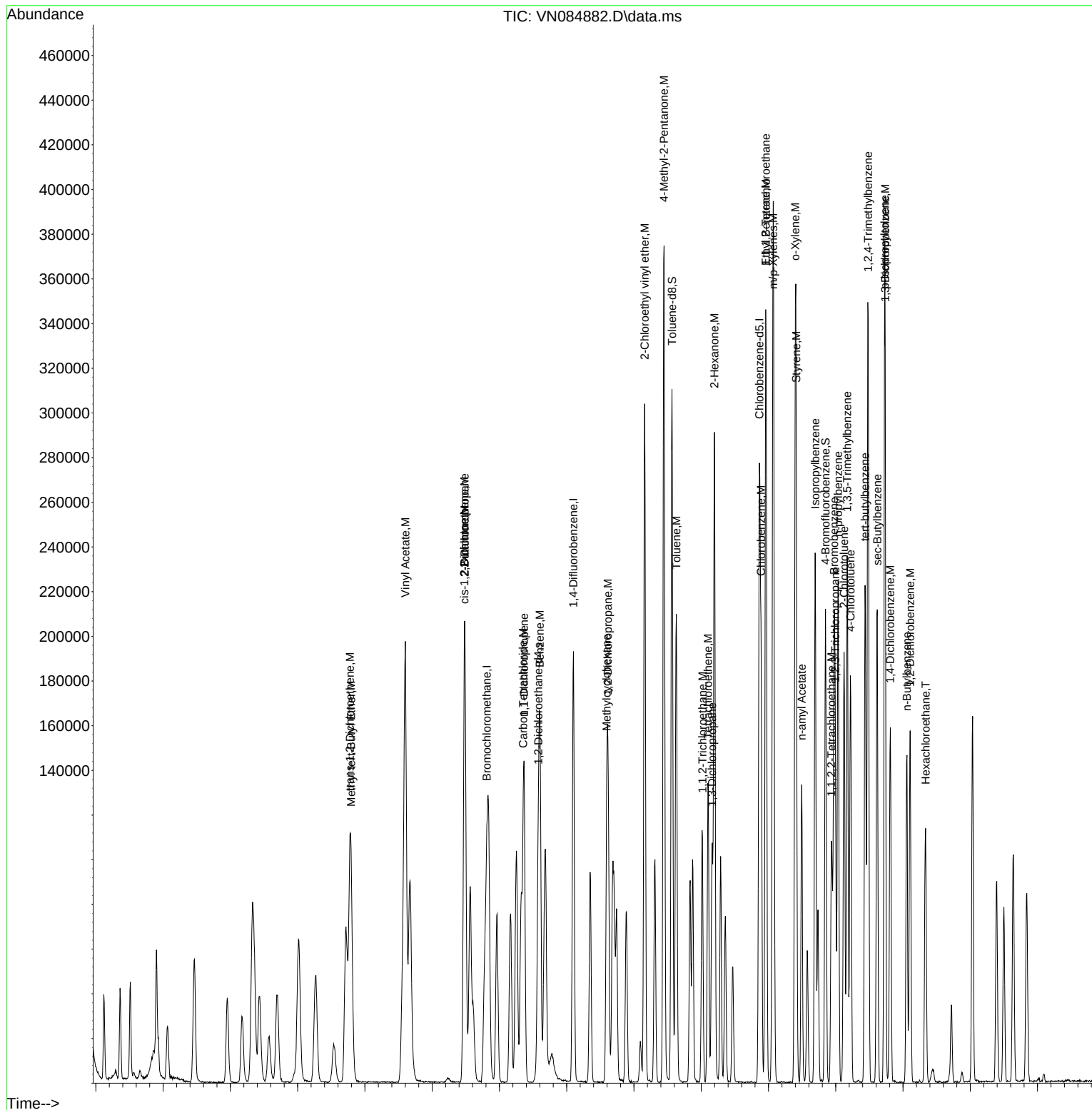
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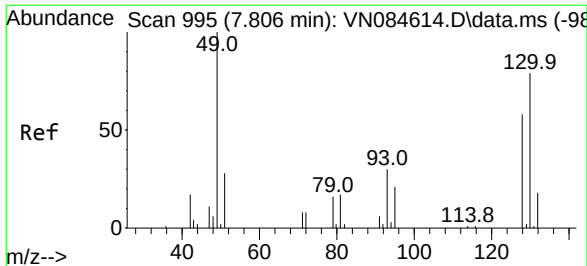
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MSVOA_N
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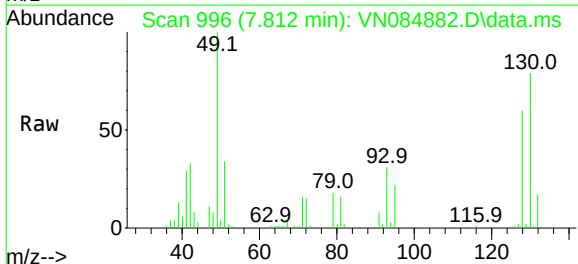
Reviewed By : John Carlone 11/17/2024
Supervised By : Mahesh Dadoda 11/18/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 995
Delta R.T. 0.006 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

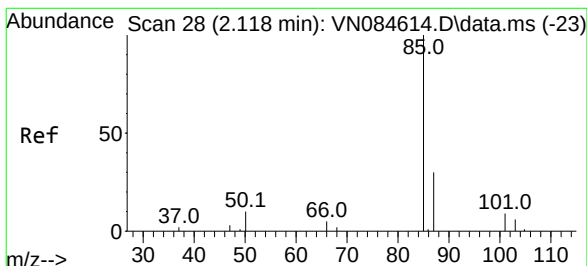
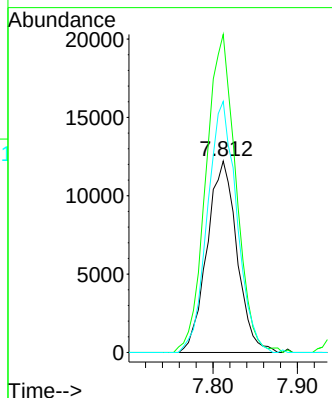
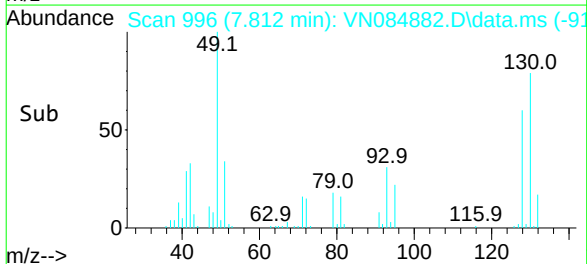
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 128 Resp: 30116
Ion Ratio Lower Upper
128 100
49 165.6 0.0 427.0
130 128.6 0.0 322.2

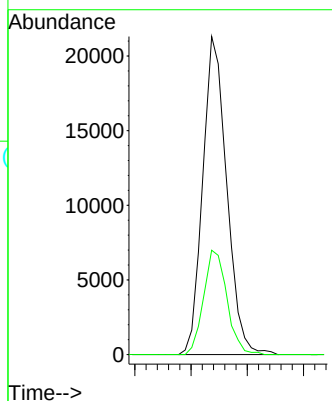
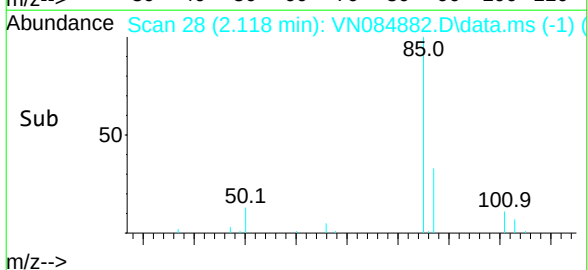
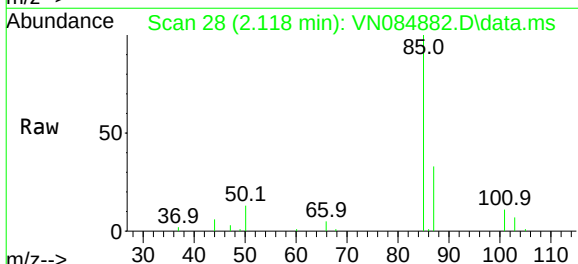
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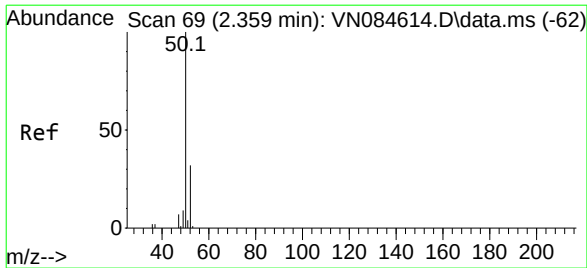
Reviewed By : John Carlone 11/17/2024
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#2
Dichlorodifluoromethane
Concen: 18.041 ug/l
RT: 2.118 min Scan# 28
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

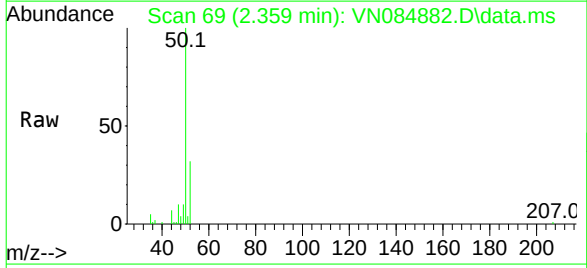
Tgt Ion: 85 Resp: 31601
Ion Ratio Lower Upper
85 100
87 32.8 14.9 44.9





#3
Chloromethane
Concen: 17.527 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

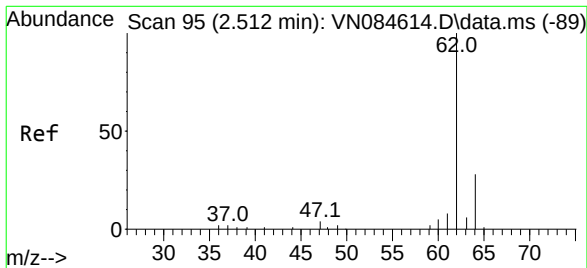
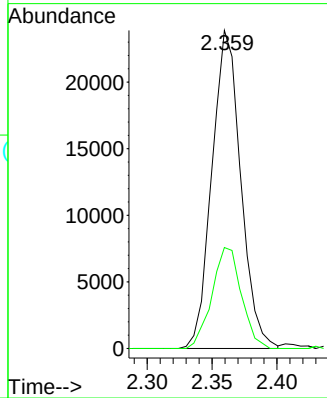
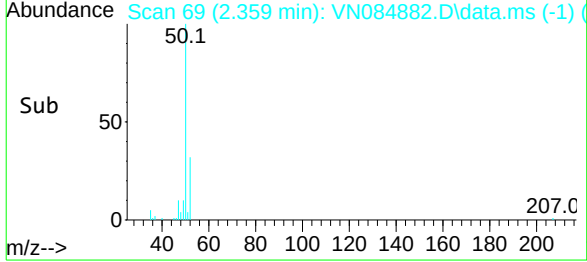
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 36963
Ion Ratio Lower Upper
50 100
52 31.7 25.5 38.3

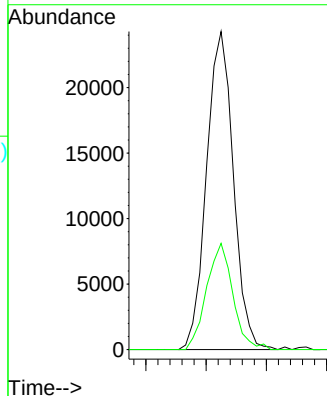
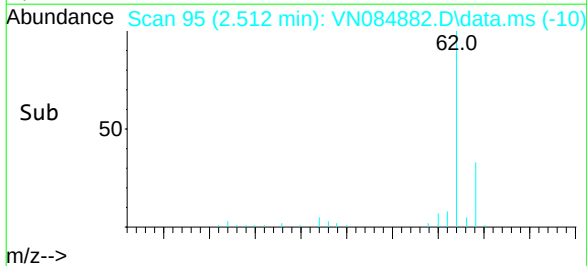
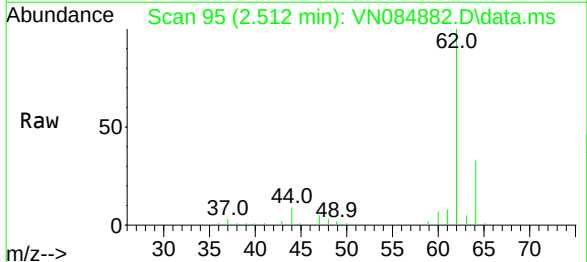
Manual Integrations
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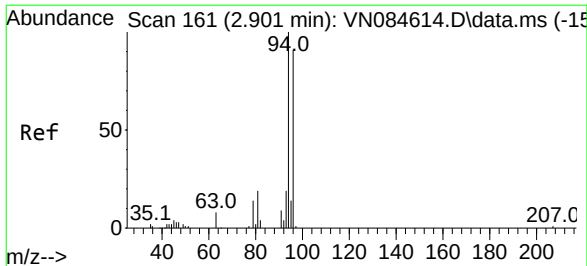
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#4
Vinyl Chloride
Concen: 19.213 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

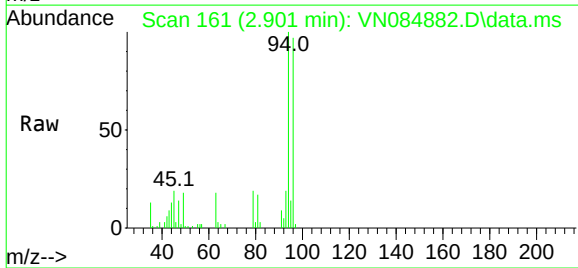
Tgt Ion: 62 Resp: 37625
Ion Ratio Lower Upper
62 100
64 33.4 23.1 34.7





#5
Bromomethane
Concen: 18.195 ug/l
RT: 2.901 min Scan# 161
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

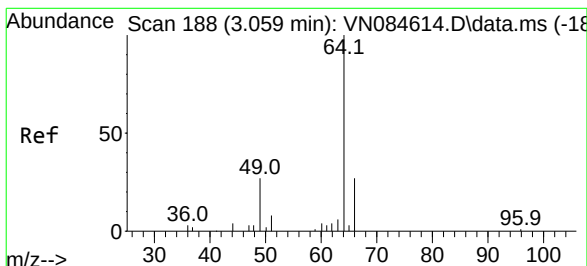
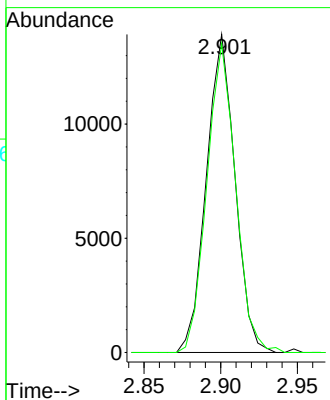
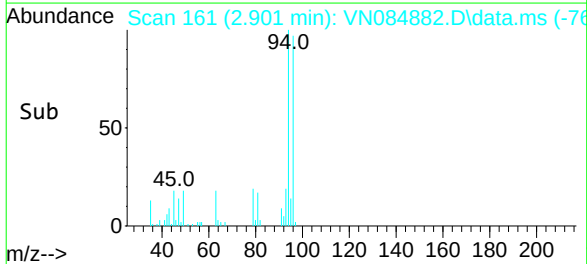
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 18085
Ion Ratio Lower Upper
94 100
96 97.1 72.7 109.1

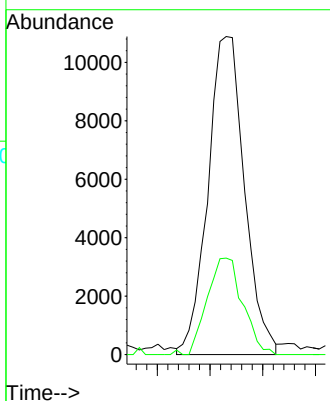
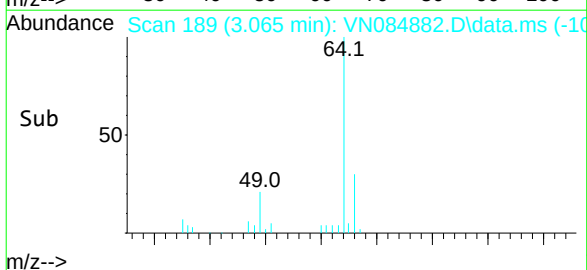
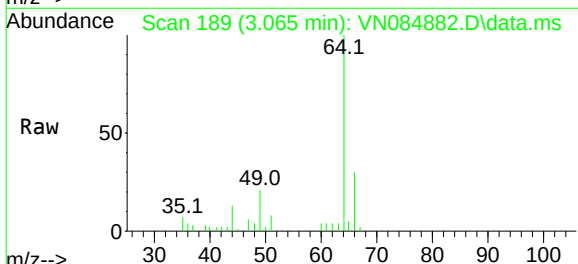
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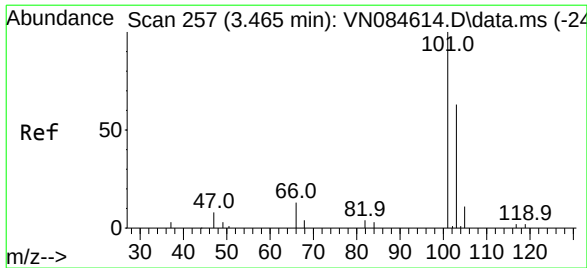
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#6
Chloroethane
Concen: 20.392 ug/l
RT: 3.065 min Scan# 189
Delta R.T. 0.006 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

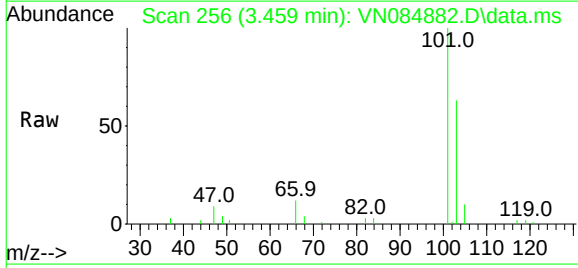
Tgt Ion: 64 Resp: 26219
Ion Ratio Lower Upper
64 100
66 30.9 22.1 33.1





#7
 Trichlorofluoromethane
 Concen: 19.562 ug/l
 RT: 3.459 min Scan# 257
 Delta R.T. -0.006 min
 Lab File: VN084882.D
 Acq: 15 Nov 2024 20:24

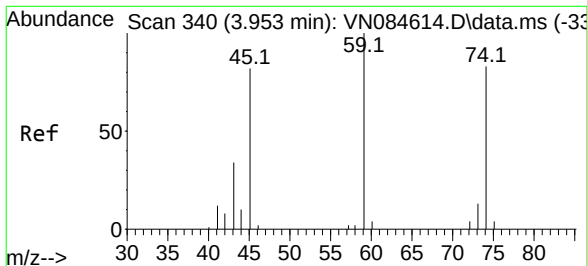
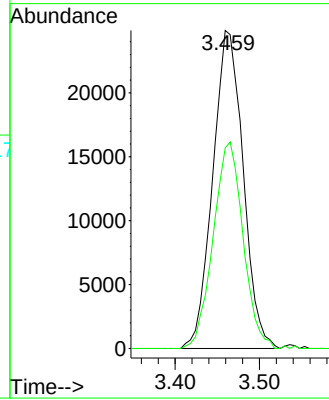
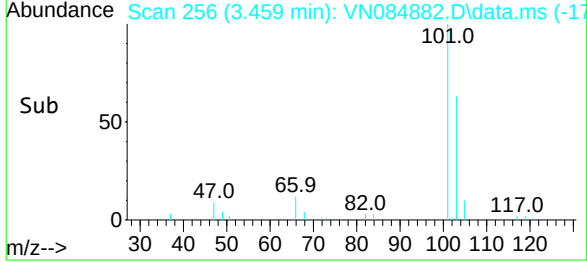
Instrument :
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Tgt Ion: 101 Resp: 62213
 Ion Ratio Lower Upper
 101 100
 103 63.1 50.1 75.1

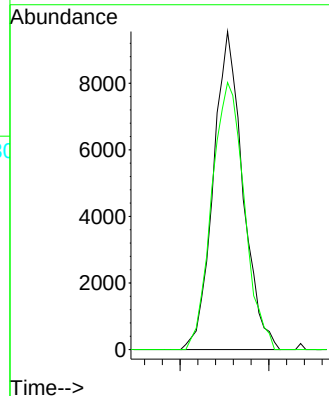
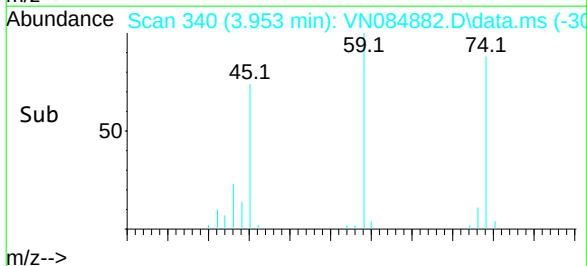
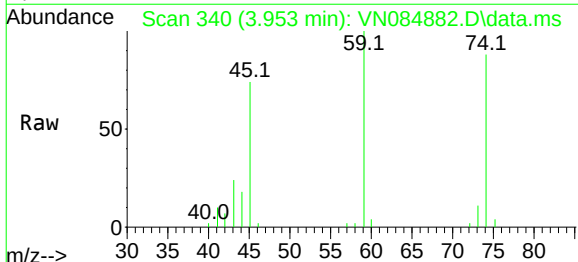
Manual Integrations
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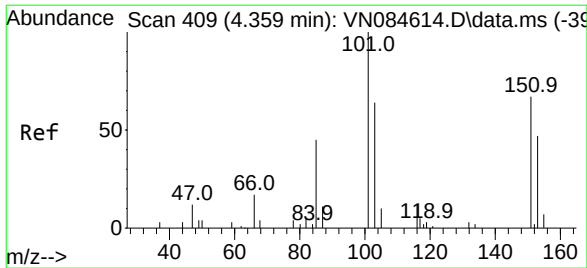
Reviewed By : John Carlone 11/17/2024
 Supervised By : Mahesh Dadoda 11/18/2024



#8
 Diethyl Ether
 Concen: 19.438 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VN084882.D
 Acq: 15 Nov 2024 20:24

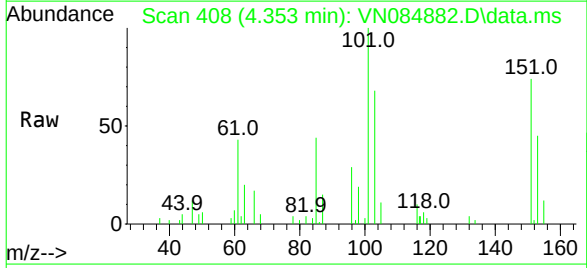
Tgt Ion: 74 Resp: 22051
 Ion Ratio Lower Upper
 74 100
 45 92.5 19.8 178.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.983 ug/l
RT: 4.353 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

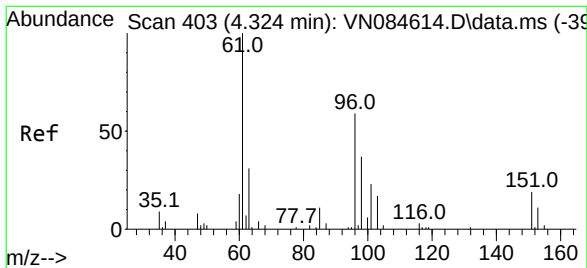
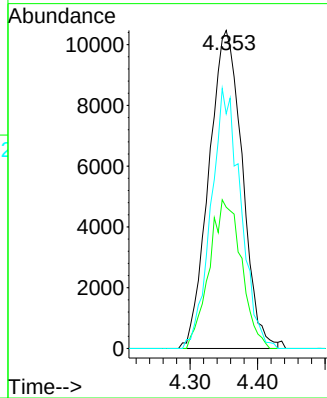
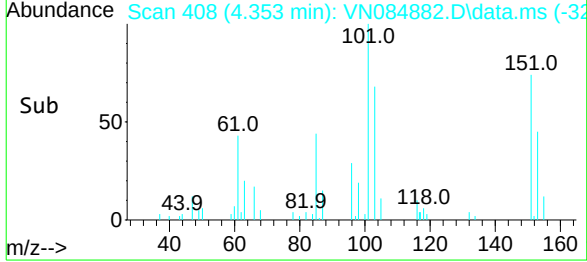
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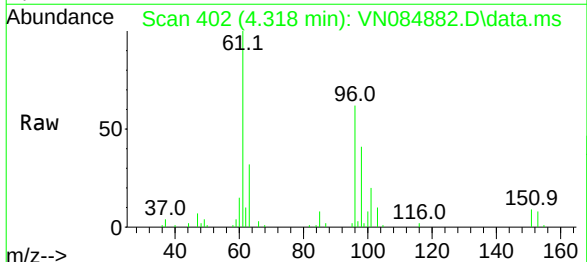
Tgt Ion: 101 Resp: 35916
Ion Ratio Lower Upper
101 100
85 45.2 0.0 89.6
151 72.8 0.0 149.4

Manual Integrations
APPROVED

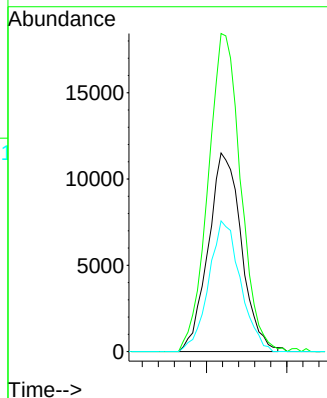
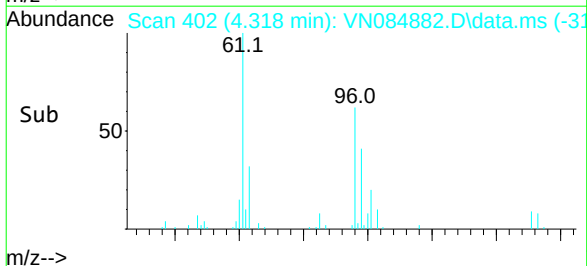
Reviewed By : John Carlone 11/17/2024
Supervised By : Mahesh Dadoda 11/18/2024

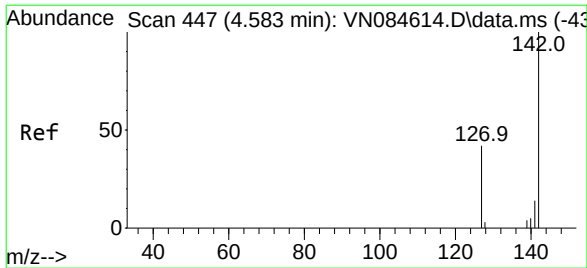


#10
1,1-Dichloroethene
Concen: 18.803 ug/l
RT: 4.318 min Scan# 402
Delta R.T. -0.006 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24



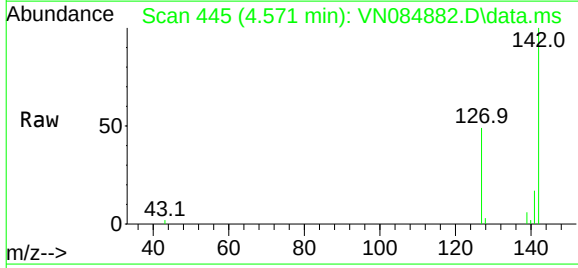
Tgt Ion: 96 Resp: 33002
Ion Ratio Lower Upper
96 100
61 160.2 135.1 202.7
98 65.8 50.4 75.6





#11
Methyl Iodide
Concen: 16.068 ug/l
RT: 4.571 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

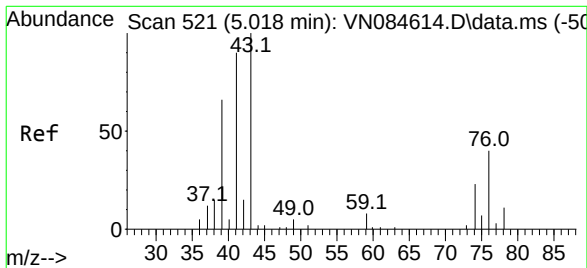
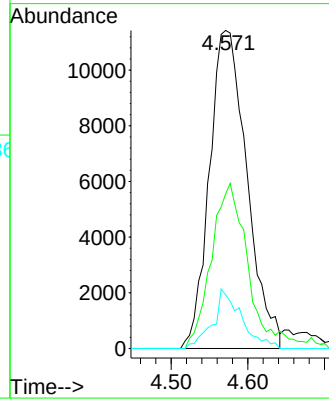
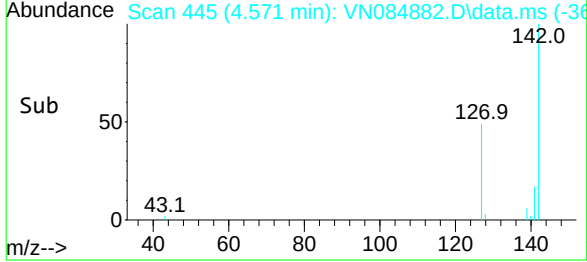
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 142 Resp: 38759
Ion Ratio Lower Upper
142 100
127 47.0 20.3 60.9
141 17.3 6.9 20.7

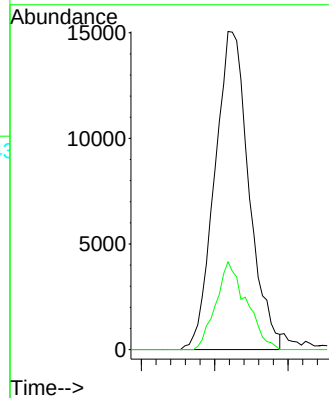
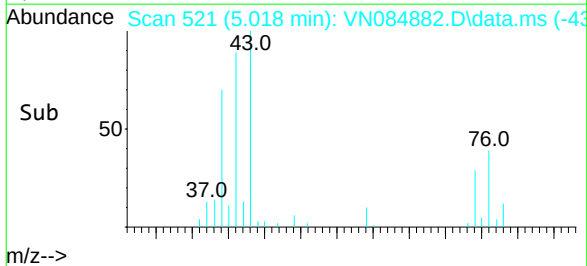
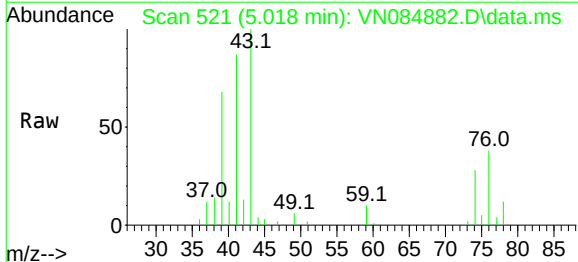
Manual Integrations
APPROVED

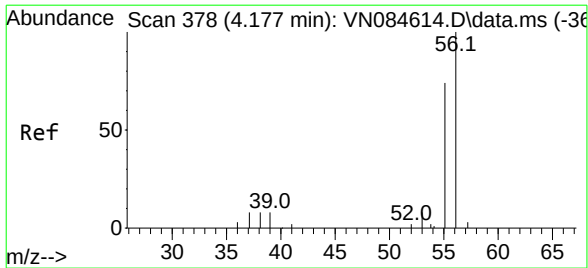
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#12
Methyl Acetate
Concen: 17.827 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Tgt Ion: 43 Resp: 48771
Ion Ratio Lower Upper
43 100
74 28.2 19.0 28.4





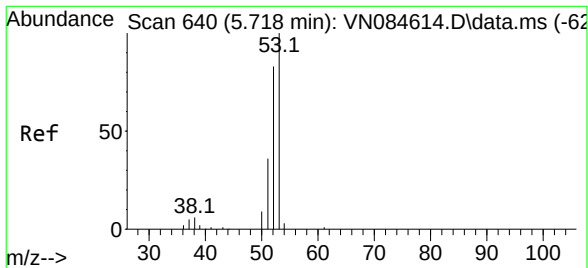
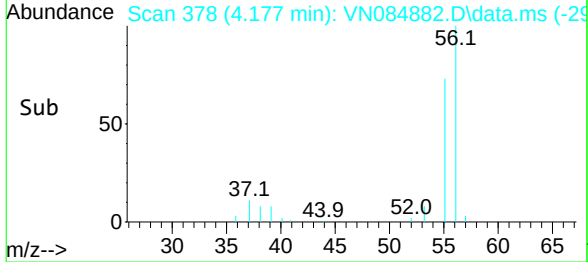
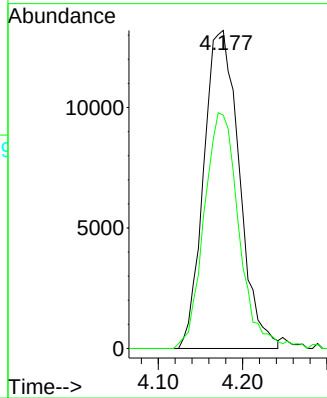
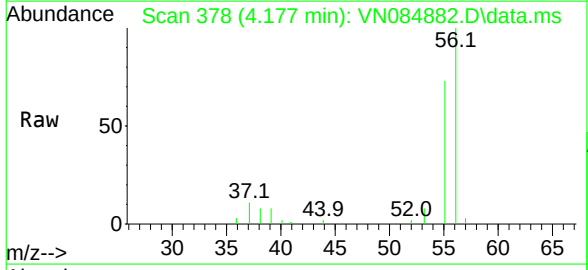
#13
Acrolein
Concen: 114.665 ug/l
RT: 4.177 min Scan# 371
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 56 Resp: 38684
Ion Ratio Lower Upper
56 100
55 72.0 56.7 85.1

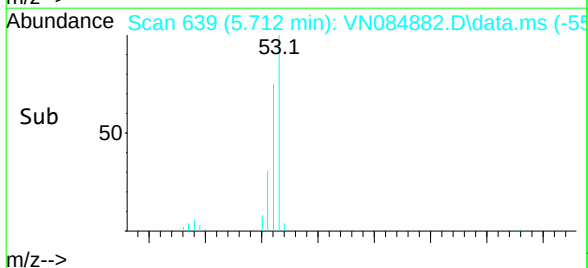
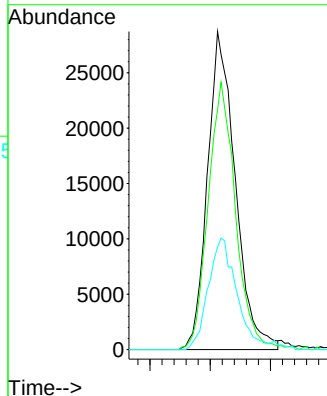
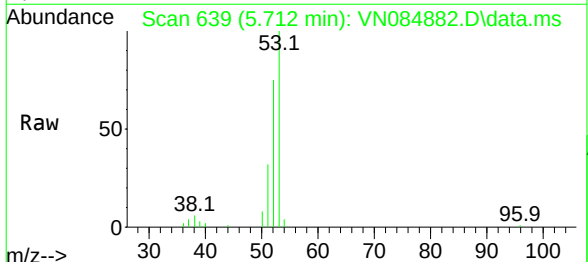
Manual Integrations
APPROVED

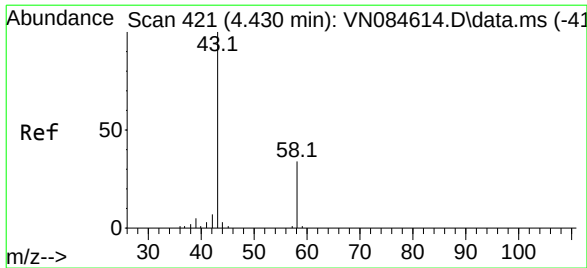
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#14
Acrylonitrile
Concen: 102.757 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Tgt Ion: 53 Resp: 91966
Ion Ratio Lower Upper
53 100
52 81.8 41.6 124.9
51 35.6 18.2 54.6





#15

Acetone

Concen: 102.091 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.000 min

Lab File: VN084882.D

Acq: 15 Nov 2024 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 23477

Ion Ratio Lower Upper

58 100

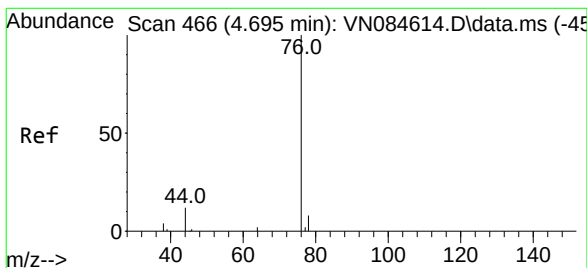
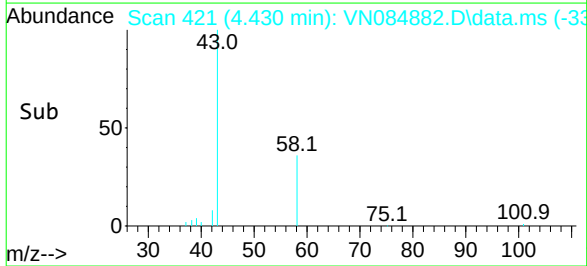
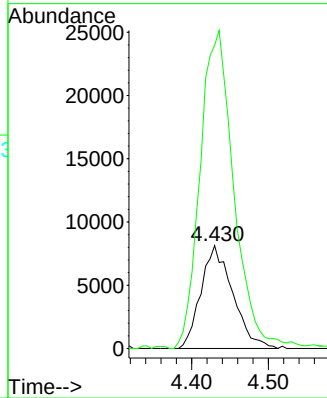
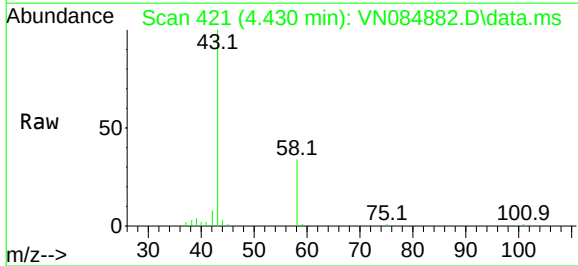
43 288.5 233.0 349.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2024

Supervised By :Mahesh Dadoda 11/18/2024



#16

Carbon Disulfide

Concen: 18.261 ug/l

RT: 4.700 min Scan# 467

Delta R.T. 0.006 min

Lab File: VN084882.D

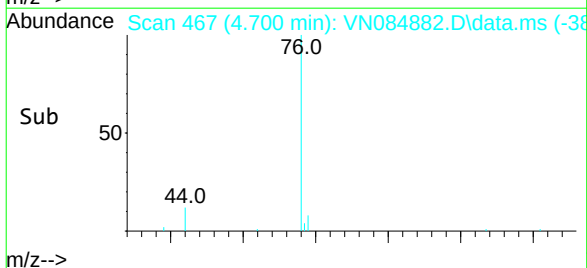
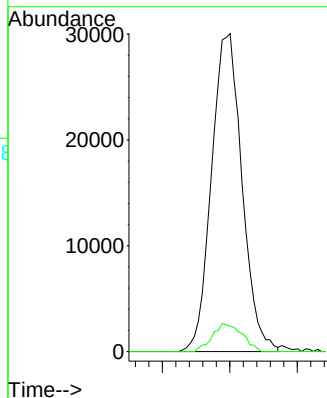
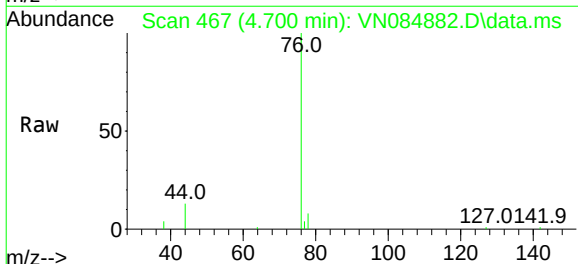
Acq: 15 Nov 2024 20:24

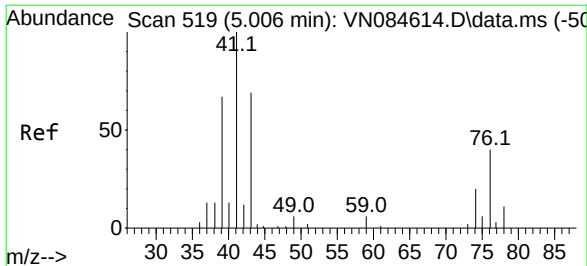
Tgt Ion: 76 Resp: 94303

Ion Ratio Lower Upper

76 100

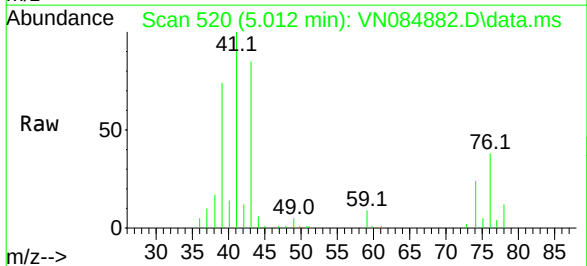
78 8.0 6.6 9.8





#17
Allyl chloride
Concen: 17.882 ug/l
RT: 5.012 min Scan# 52
Delta R.T. 0.006 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

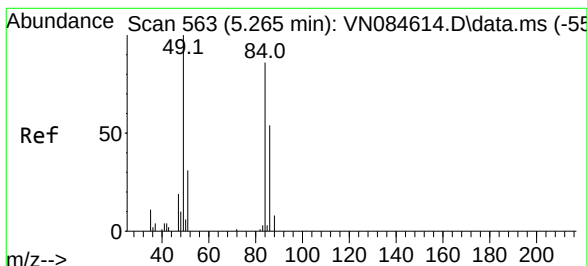
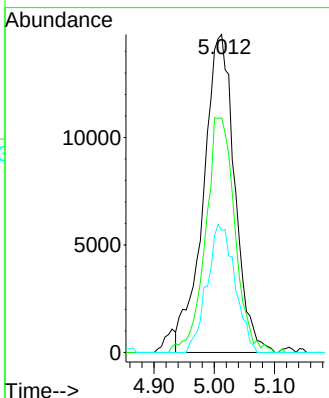
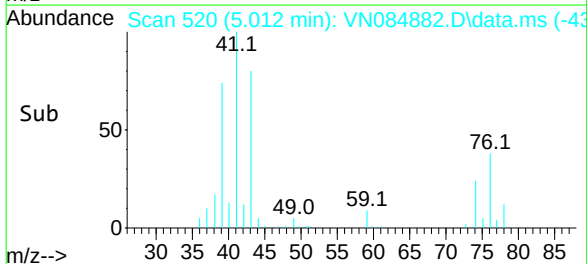
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion	Ratio	Lower	Upper
41	100		
39	73.8	33.4	100.2
76	38.4	20.2	60.6

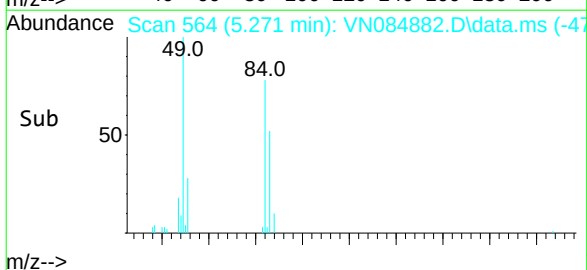
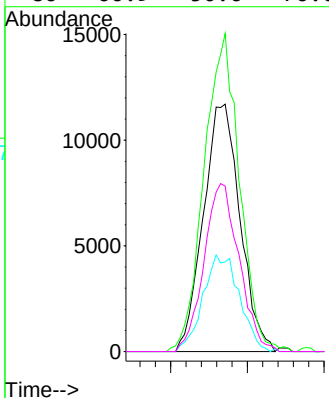
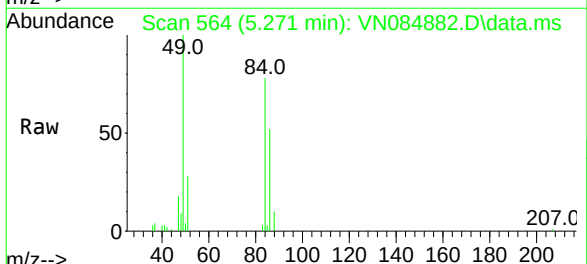
Manual Integrations
APPROVED

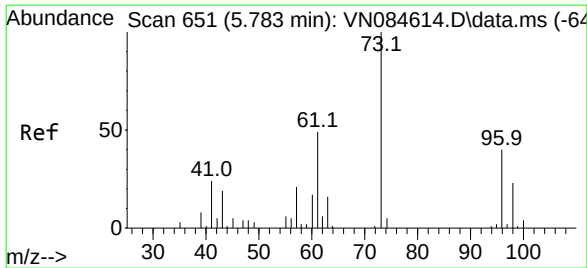
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#18
Methylene Chloride
Concen: 18.871 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.2	93.0	139.6
51	36.3	28.9	43.3
86	66.9	50.6	76.0





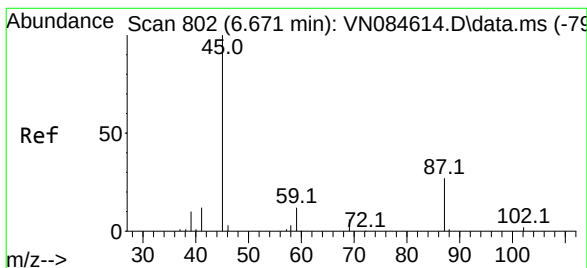
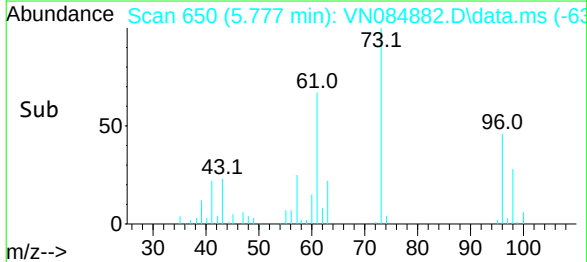
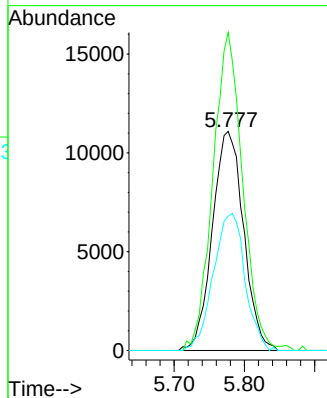
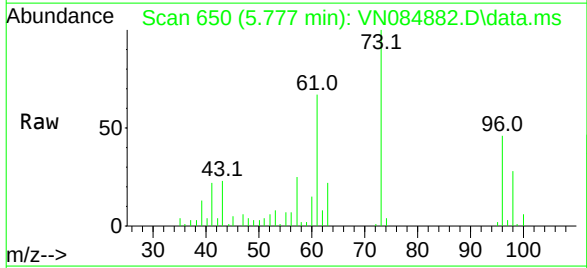
#19
trans-1,2-Dichloroethene
Concen: 18.580 ug/l
RT: 5.777 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 96 Resp: 34181
Ion Ratio Lower Upper
96 100
61 145.2 98.1 147.1
98 61.4 46.6 69.8

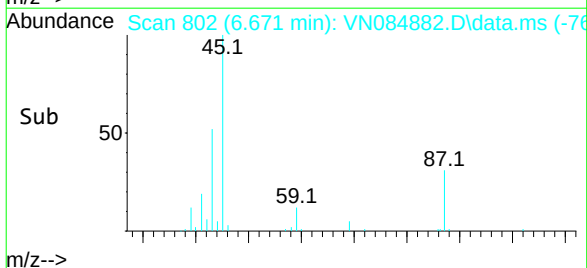
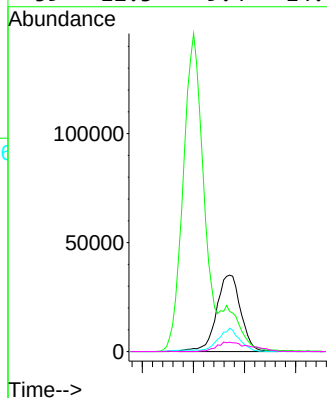
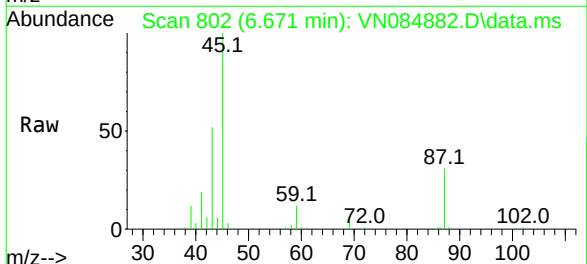
Manual Integrations
APPROVED

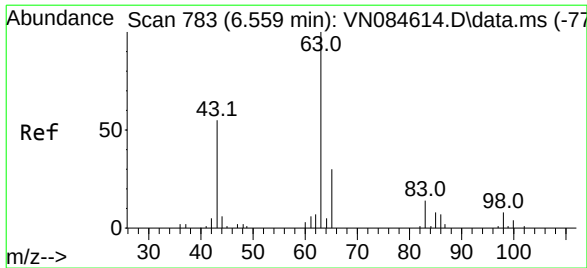
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#20
Diisopropyl ether
Concen: 19.336 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Tgt Ion: 45 Resp: 115762
Ion Ratio Lower Upper
45 100
43 50.6 42.6 64.0
87 30.7 23.0 34.4
59 12.3 9.4 14.0





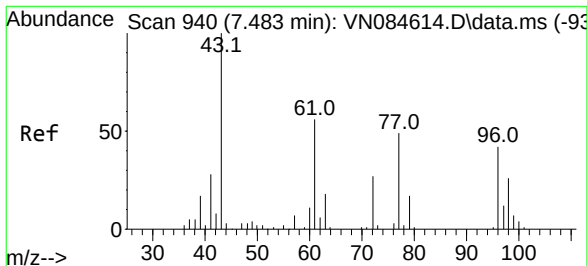
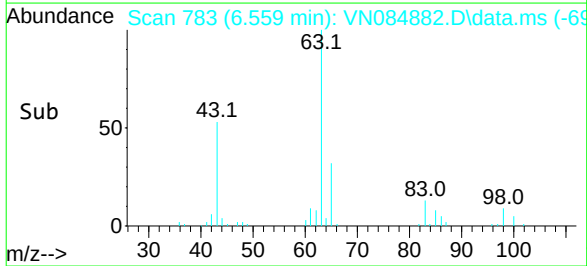
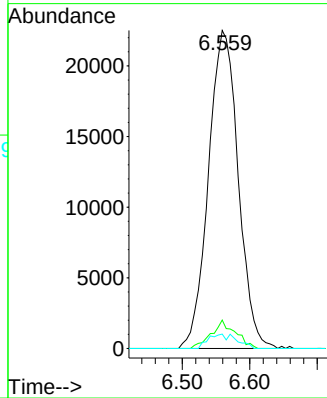
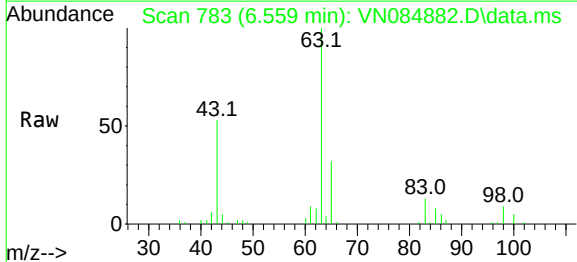
#21
1,1-Dichloroethane
Concen: 19.174 ug/l
RT: 6.559 min Scan# 783
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	63	Resp:	69034
Ion	Ratio	Lower	Upper
63	100		
98	8.9	3.8	11.4
100	4.5	1.9	5.7

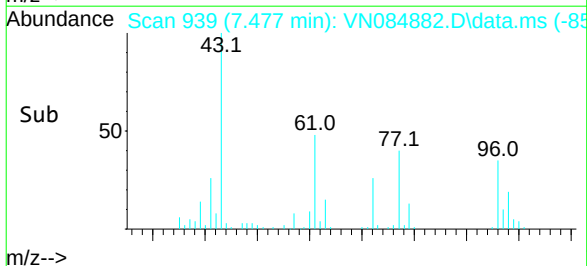
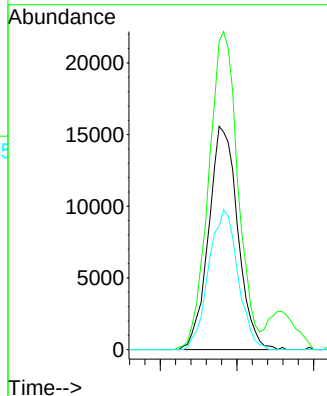
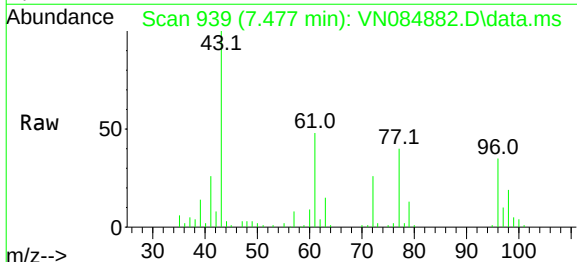
Manual Integrations
APPROVED

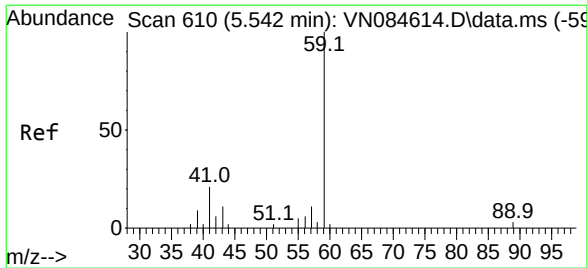
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#22
cis-1,2-Dichloroethene
Concen: 18.667 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Tgt Ion:	96	Resp:	40999
Ion	Ratio	Lower	Upper
96	100		
61	143.3	121.8	182.8
98	63.0	53.2	79.8





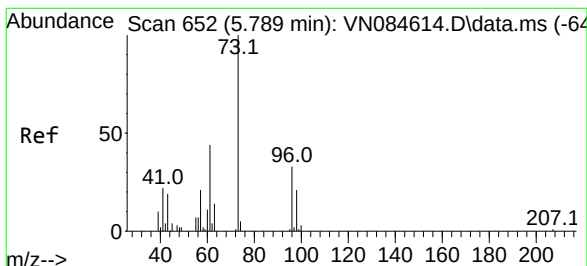
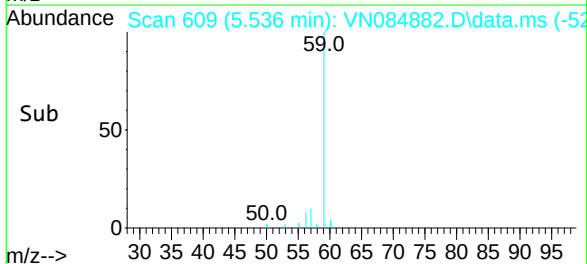
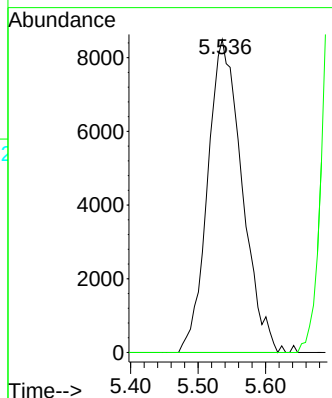
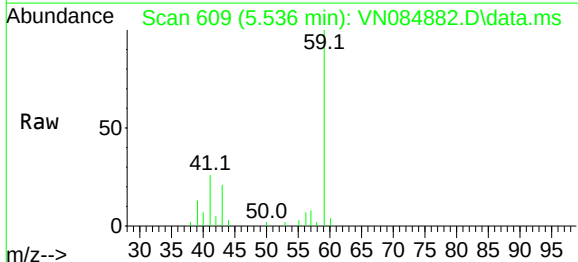
#23
tert-Butyl Alcohol
Concen: 96.255 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 30075
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

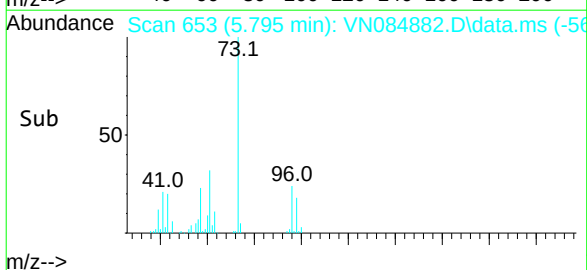
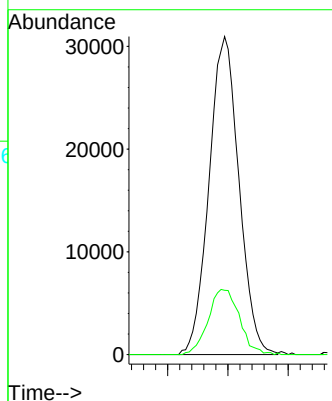
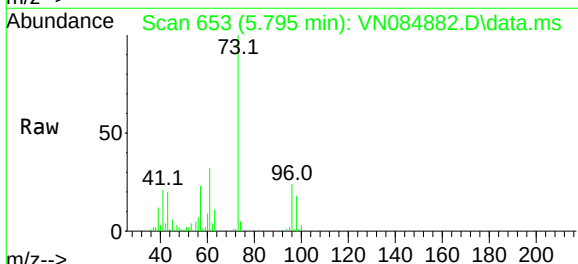
Manual Integrations
APPROVED

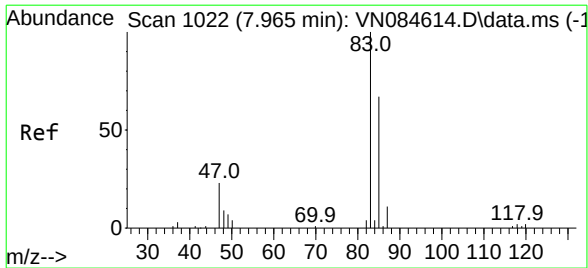
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#24
Methyl tert-Butyl Ether
Concen: 18.838 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Tgt Ion: 73 Resp: 106918
Ion Ratio Lower Upper
73 100
43 21.2 16.5 24.7





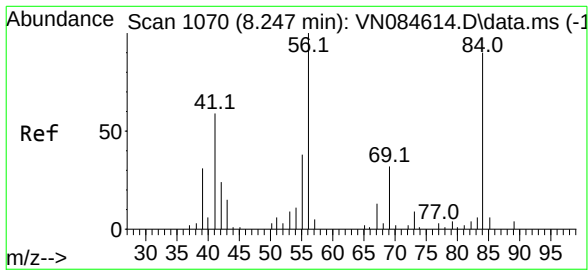
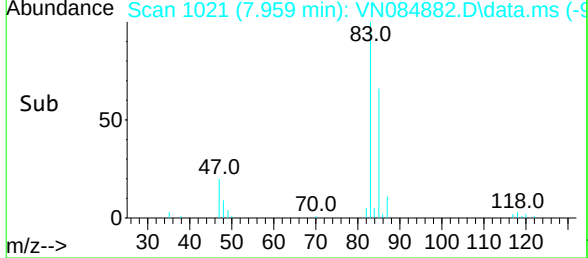
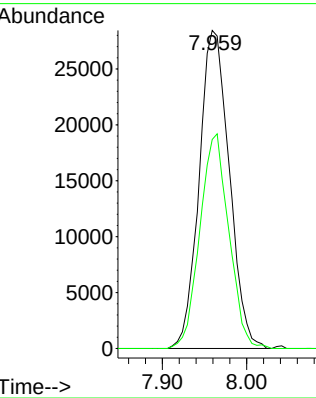
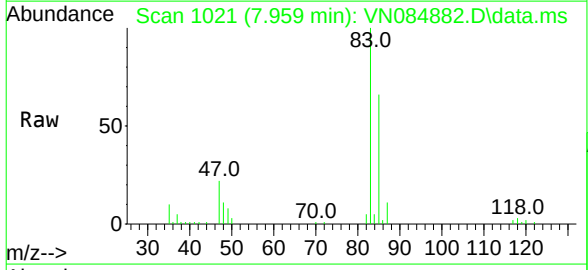
#25
 Chloroform
 Concen: 19.144 ug/l
 RT: 7.959 min Scan# 1021
 Delta R.T. -0.006 min
 Lab File: VN084882.D
 Acq: 15 Nov 2024 20:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:	83	Resp:	70617
Ion	Ratio	Lower	Upper
83	100		
85	65.7	53.4	80.2

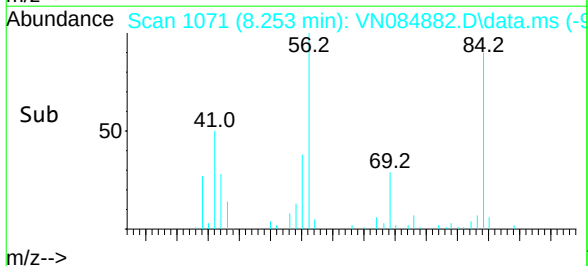
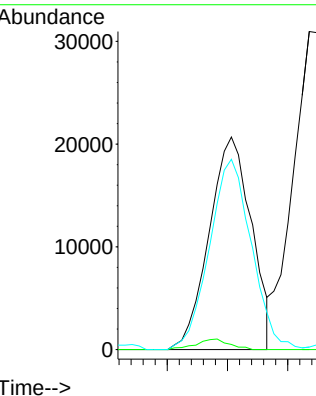
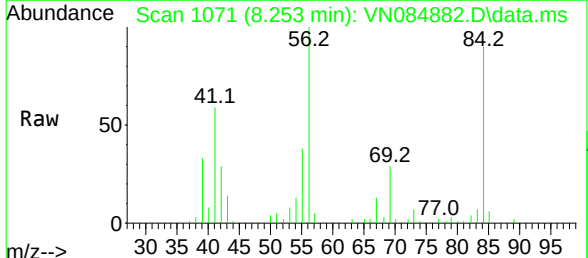
Manual Integrations
 APPROVED

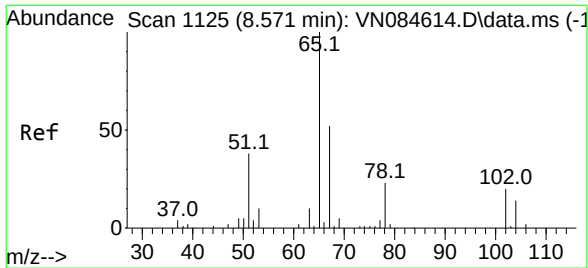
Reviewed By :John Carlone 11/17/2024
 Supervised By :Mahesh Dadoda 11/18/2024



#26
 Cyclohexane
 Concen: 18.318 ug/l
 RT: 8.253 min Scan# 1071
 Delta R.T. 0.006 min
 Lab File: VN084882.D
 Acq: 15 Nov 2024 20:24

Tgt Ion:	56	Resp:	50378
Ion	Ratio	Lower	Upper
56	100		
89	3.9	3.0	4.4
84	89.2	70.6	106.0





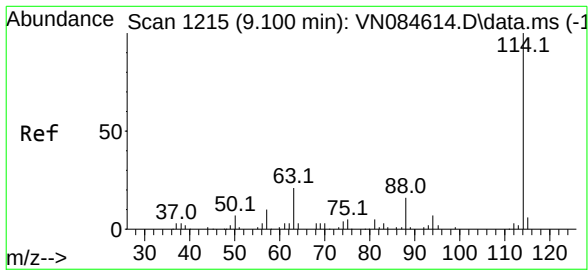
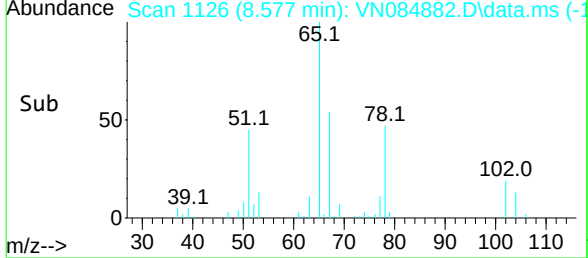
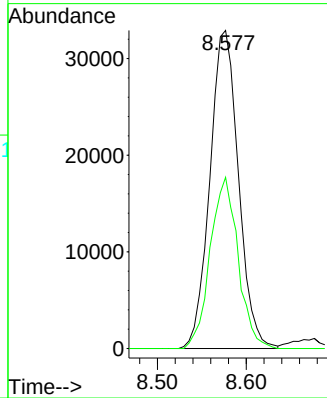
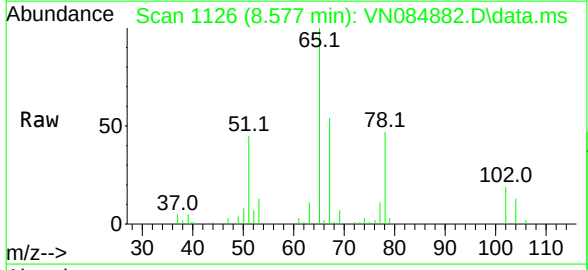
#27
1,2-Dichloroethane-d4
Concen: 30.386 ug/l
RT: 8.577 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	65	Resp:	73569
Ion Ratio	Lower	Upper	
65	100		
67	52.5	40.7	61.1

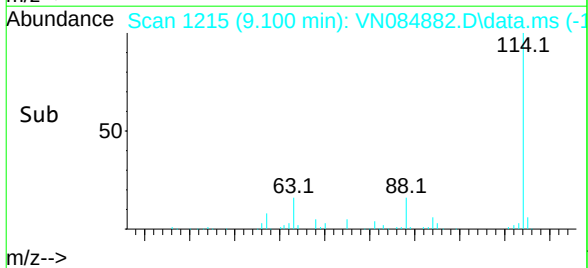
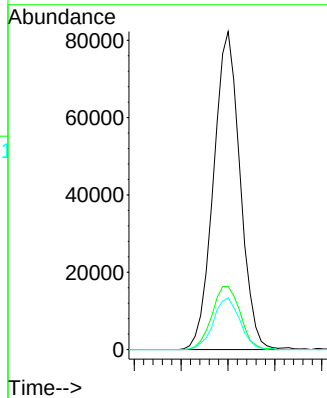
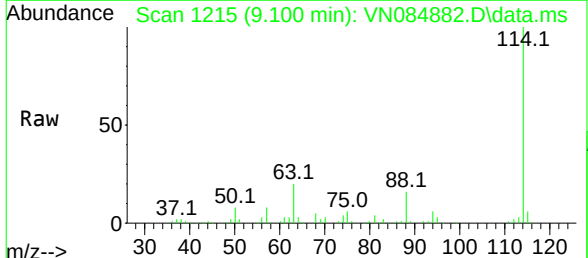
Manual Integrations
APPROVED

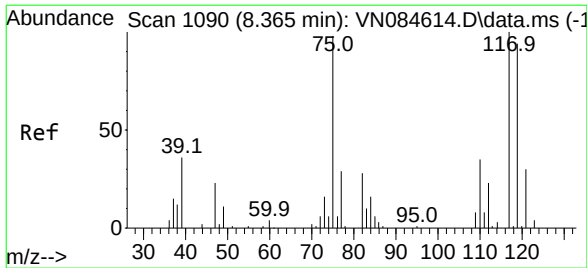
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Tgt Ion:	114	Resp:	161845
Ion Ratio	Lower	Upper	
114	100		
63	21.2	16.8	25.2
88	16.2	12.9	19.3





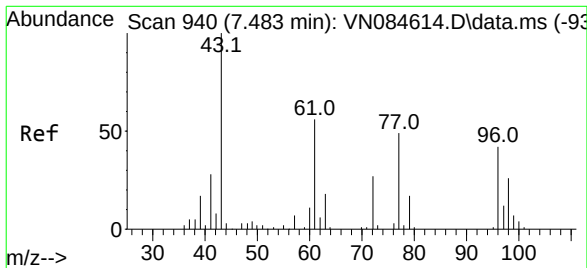
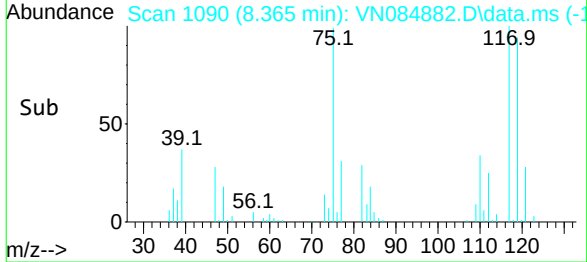
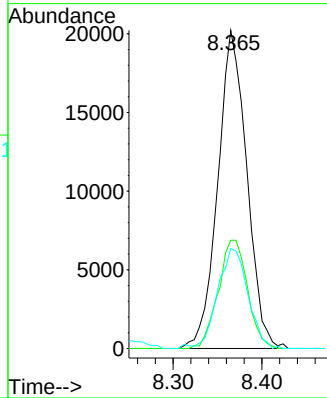
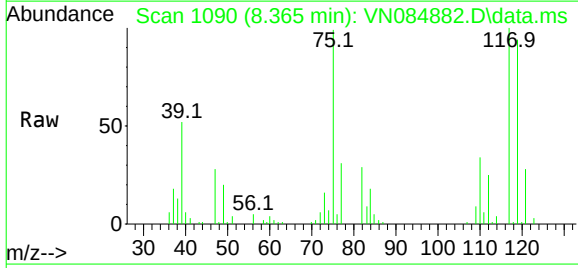
#29
1,1-Dichloropropene
Concen: 18.772 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 45762
Ion Ratio Lower Upper
75 100
110 34.4 0.0 69.4
77 32.4 0.0 62.0

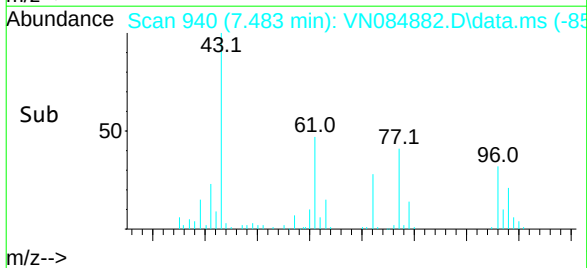
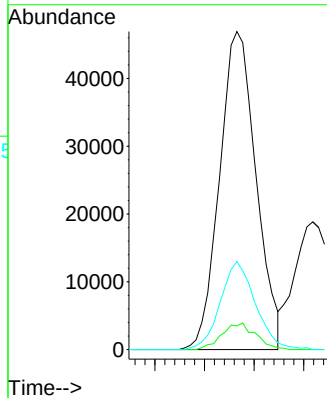
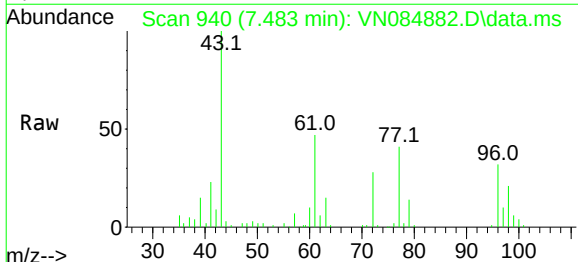
Manual Integrations
APPROVED

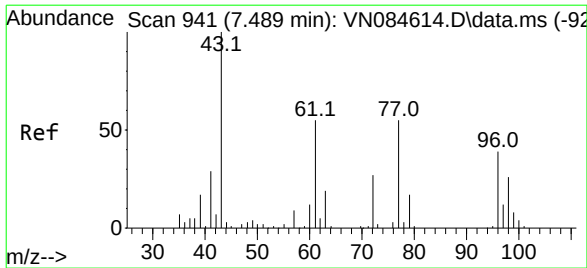
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#30
2-Butanone
Concen: 106.806 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Tgt Ion: 43 Resp: 120101
Ion Ratio Lower Upper
43 100
57 7.7 6.2 9.4
72 26.6 21.5 32.3





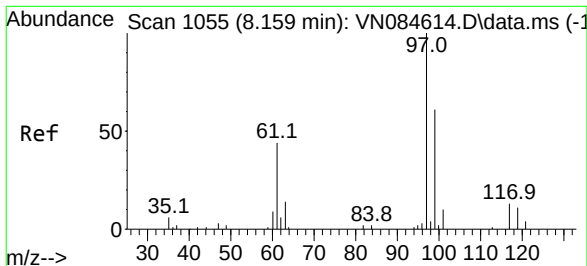
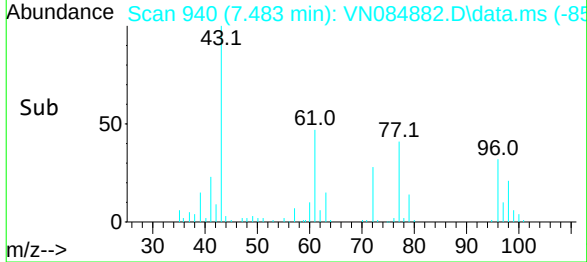
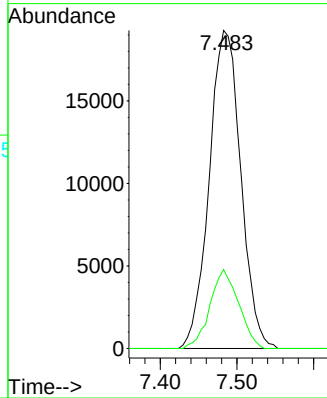
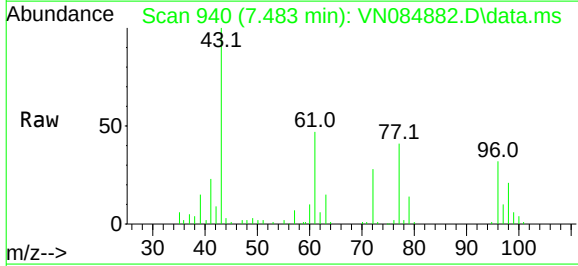
#31
2,2-Dichloropropane
Concen: 18.511 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 55083
Ion Ratio Lower Upper
77 100
97 22.6 17.4 26.2

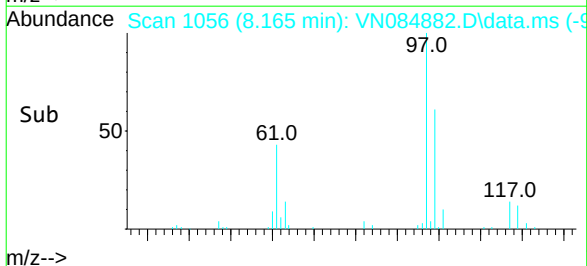
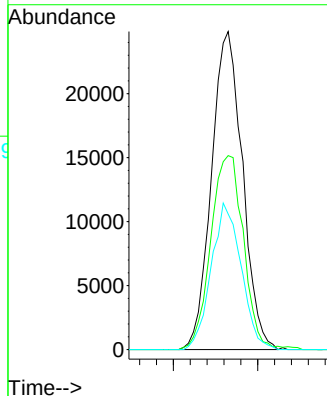
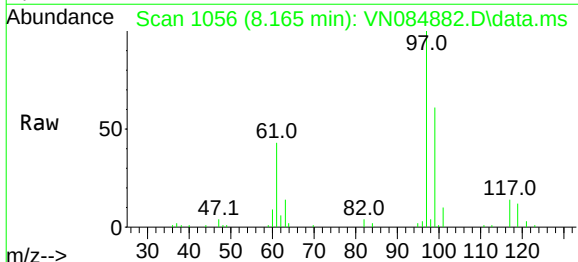
Manual Integrations
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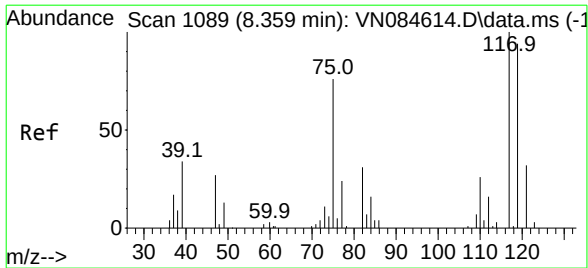
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#32
1,1,1-Trichloroethane
Concen: 19.154 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

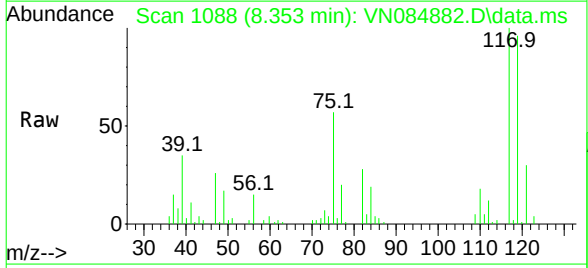
Tgt Ion: 97 Resp: 63434
Ion Ratio Lower Upper
97 100
99 64.1 51.6 77.4
61 44.5 34.2 51.4





#33
Carbon Tetrachloride
Concen: 19.013 ug/l
RT: 8.353 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

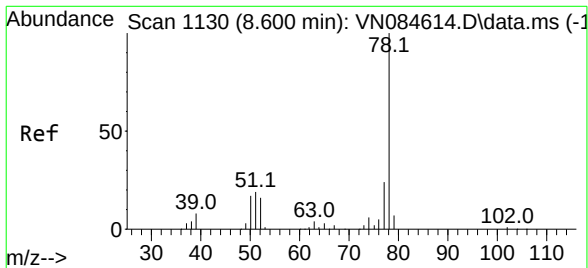
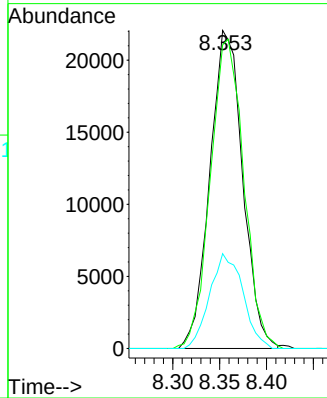
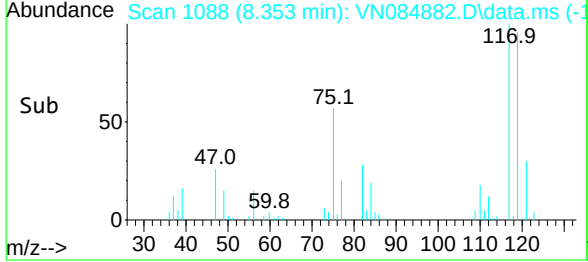
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 53730
Ion Ratio Lower Upper
117 100
119 94.6 75.7 113.5
121 29.8 25.4 38.0

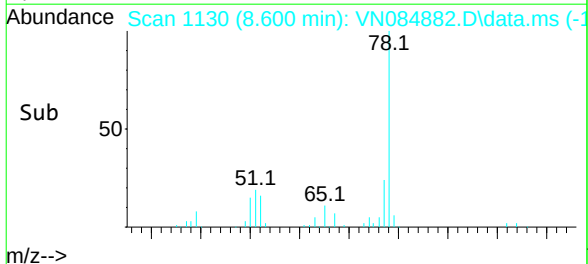
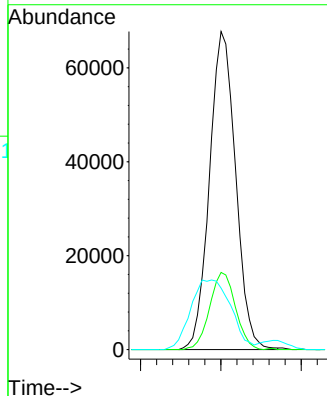
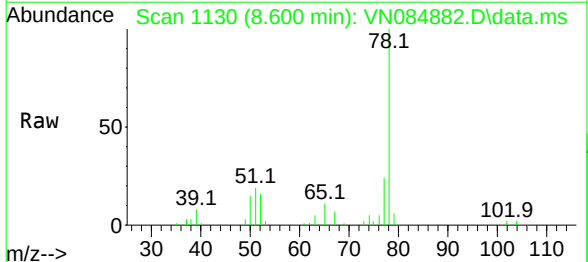
Manual Integrations
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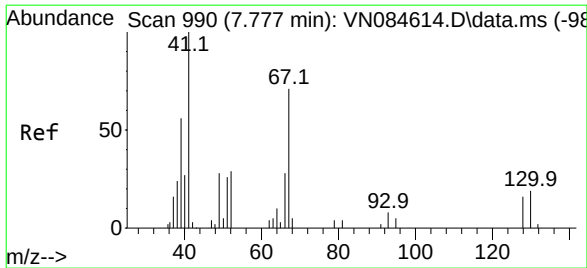
Reviewed By : John Carlone 11/17/2024
Supervised By : Mahesh Dadoda 11/18/2024



#34
Benzene
Concen: 19.003 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Tgt Ion: 78 Resp: 153115
Ion Ratio Lower Upper
78 100
77 24.3 19.3 28.9
51 16.5 16.1 24.1





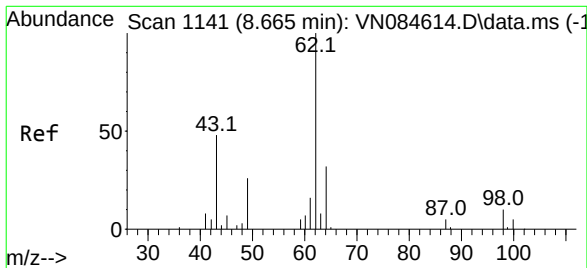
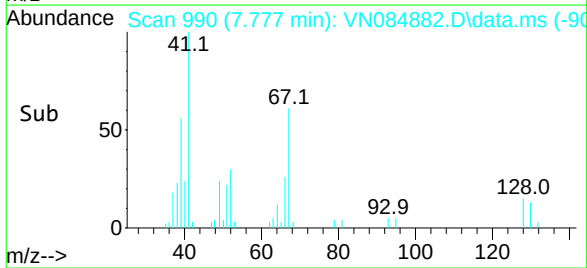
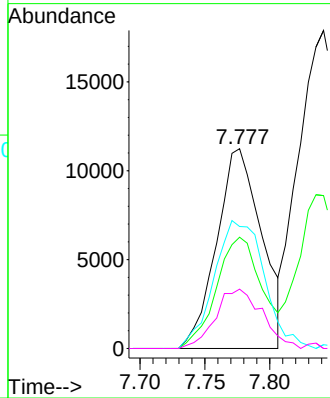
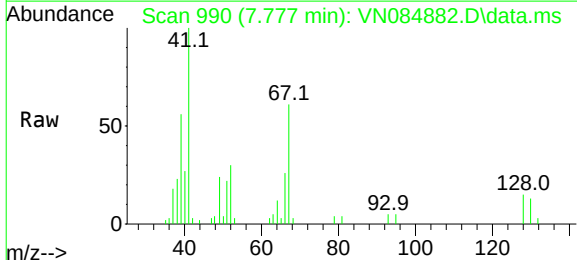
#35
Methacrylonitrile
Concen: 20.381 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	41	Resp:	27163
Ion	Ratio	Lower	Upper
41	100		
39	55.7	28.2	84.6
67	61.1	35.6	106.8
52	29.7	14.4	43.4

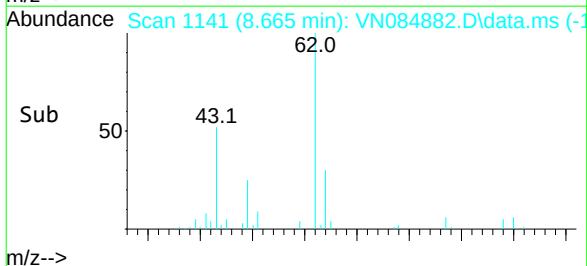
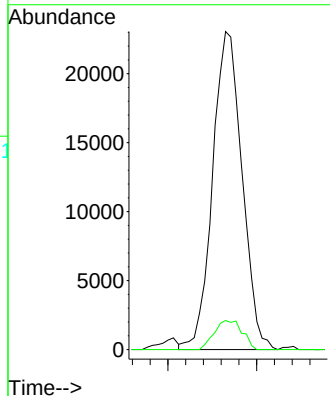
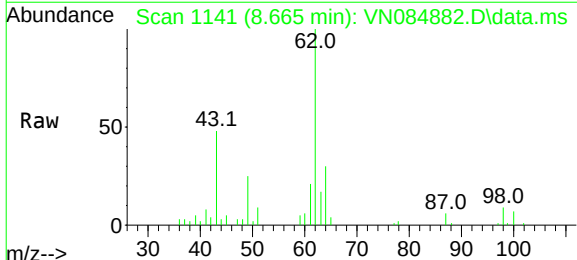
Manual Integrations
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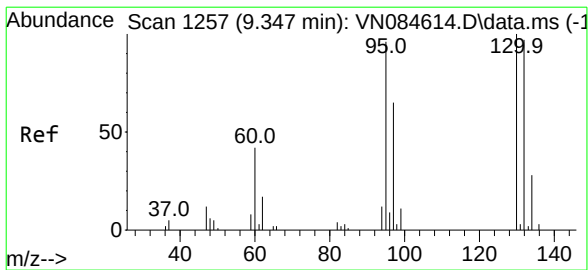
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#36
1,2-Dichloroethane
Concen: 19.822 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

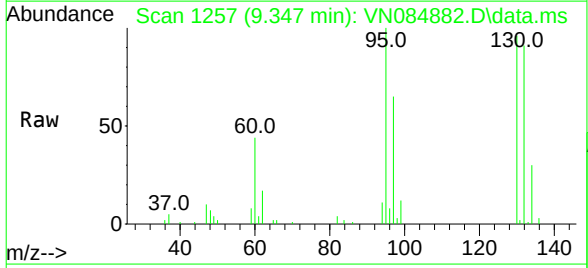
Tgt Ion:	62	Resp:	53115
Ion	Ratio	Lower	Upper
62	100		
98	5.6	7.8	11.6#





#37
Trichloroethene
Concen: 18.347 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

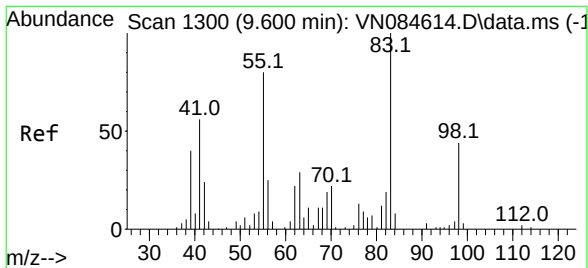
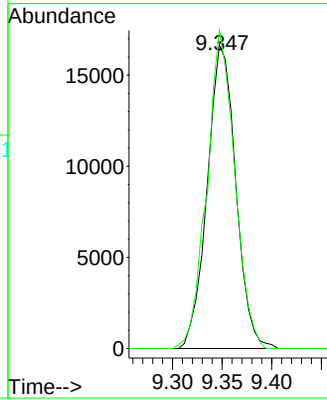
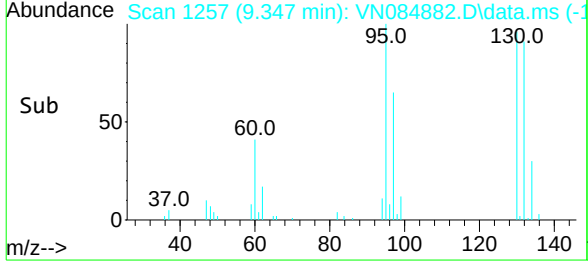
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



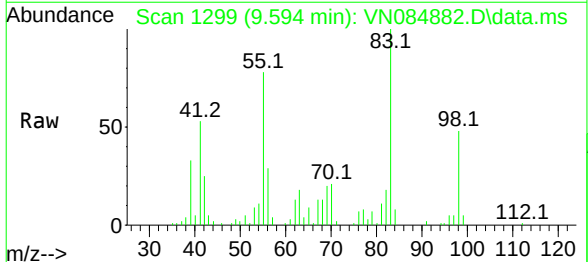
Tgt Ion:130 Resp: 33350
Ion Ratio Lower Upper
130 100
95 104.7 76.6 115.0

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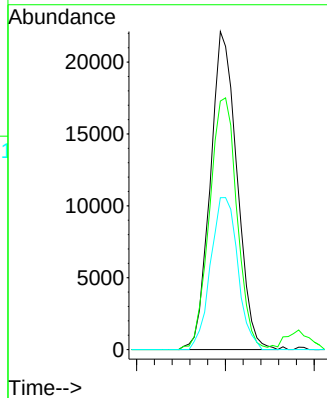
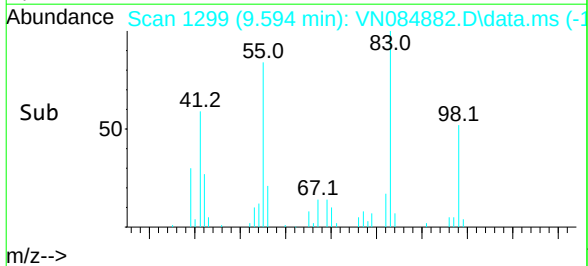
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024

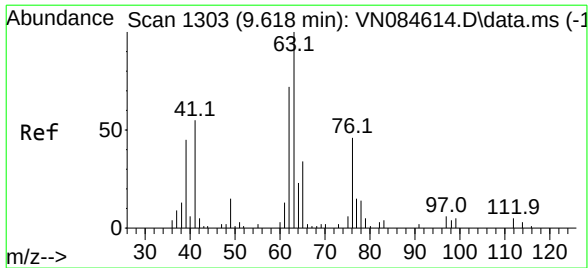


#38
Methylcyclohexane
Concen: 17.588 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24



Tgt Ion: 83 Resp: 46157
Ion Ratio Lower Upper
83 100
55 81.6 39.6 118.8
98 48.6 23.2 69.5





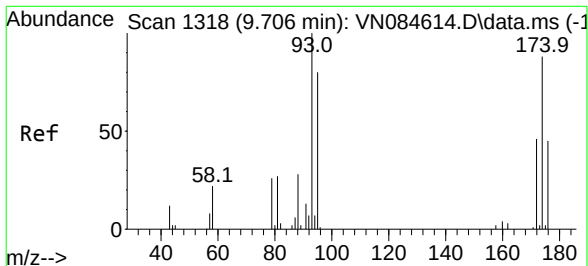
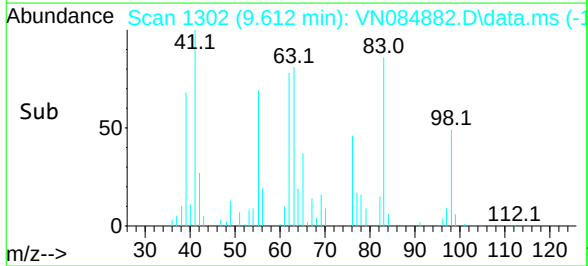
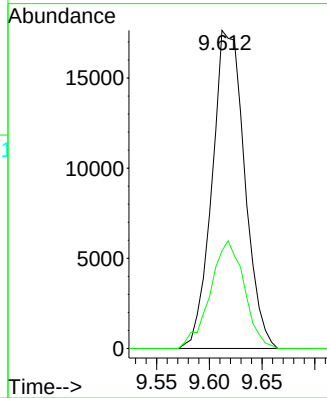
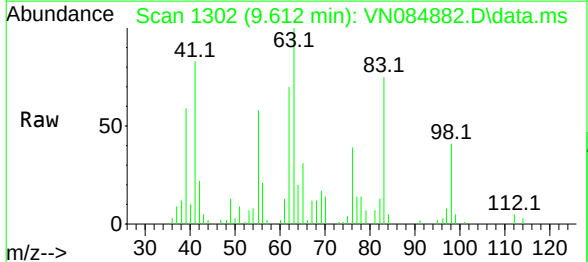
#39
1,2-Dichloropropane
Concen: 19.514 ug/l
RT: 9.612 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 37849
Ion Ratio Lower Upper
63 100
65 30.7 27.8 41.8

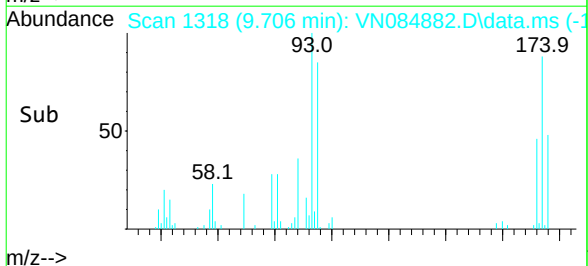
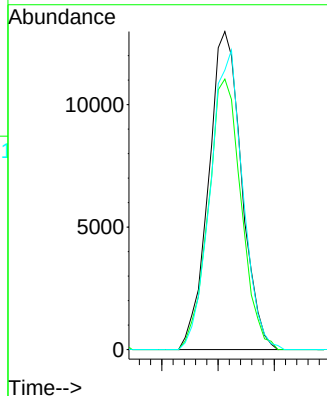
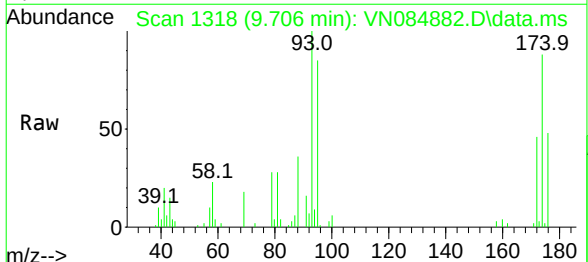
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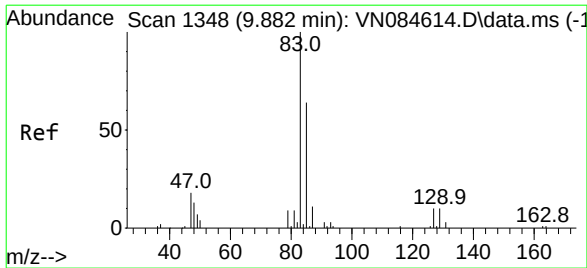
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#40
Dibromomethane
Concen: 19.532 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Tgt Ion: 93 Resp: 26503
Ion Ratio Lower Upper
93 100
95 84.4 0.0 168.4
174 92.5 0.0 183.4





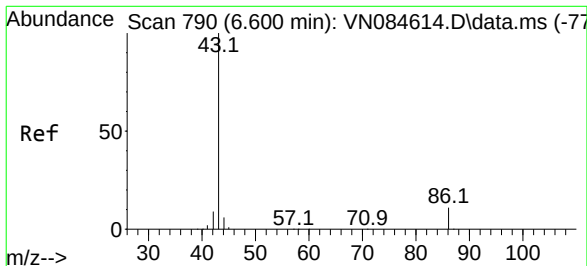
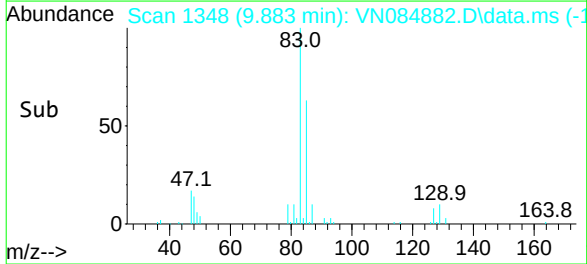
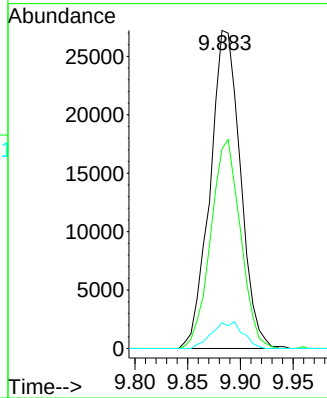
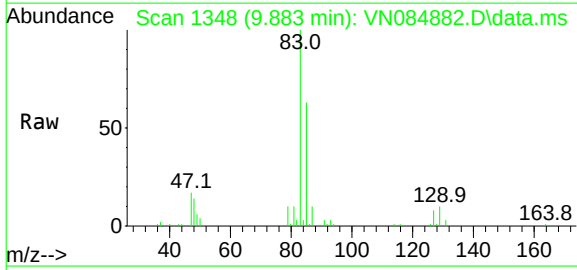
#41
Bromodichloromethane
Concen: 18.752 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 54546
Ion Ratio Lower Upper
83 100
85 62.8 51.0 76.6
127 8.1 7.8 11.6

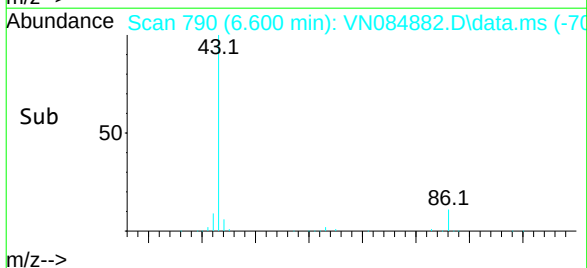
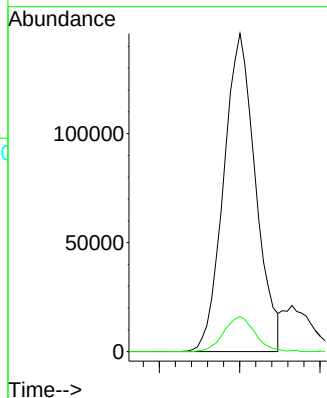
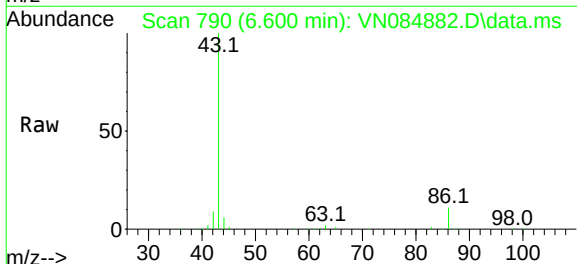
Manual Integrations
APPROVED

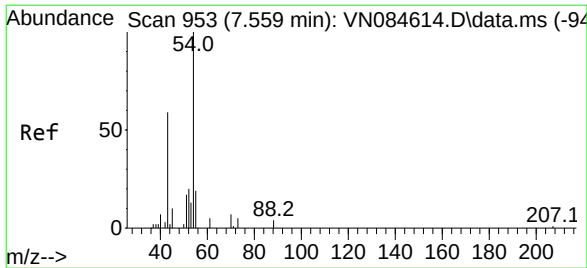
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#42
Vinyl Acetate
Concen: 95.917 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Tgt Ion: 43 Resp: 403155
Ion Ratio Lower Upper
43 100
86 10.7 8.6 13.0





#43

Ethyl Acetate

Concen: 20.529 ug/l

RT: 7.559 min Scan# 953

Delta R.T. 0.000 min

Lab File: VN084882.D

Acq: 15 Nov 2024 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 48505

Ion Ratio Lower Upper

43 100

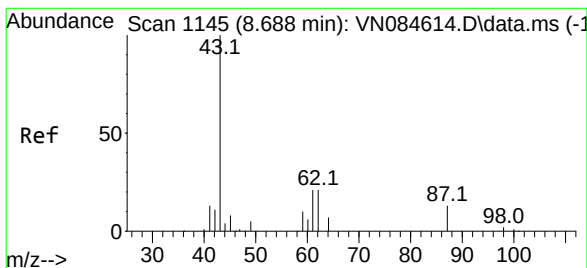
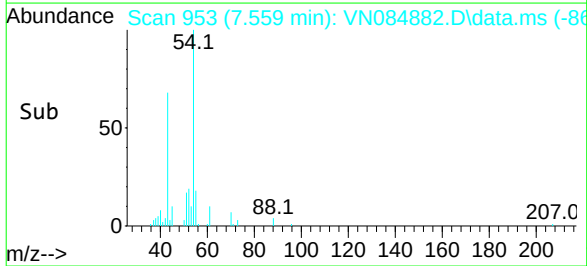
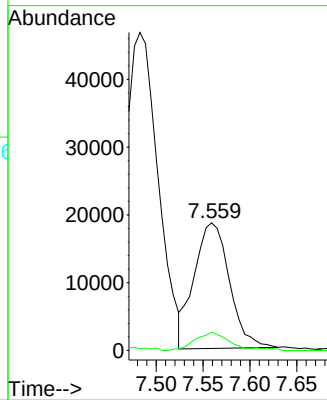
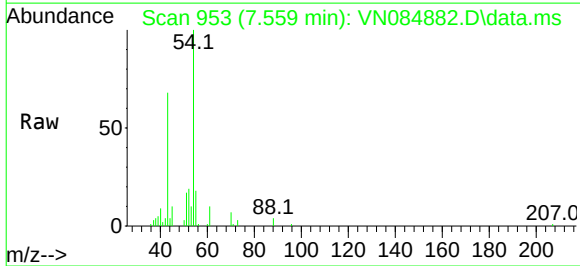
45 13.3 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2024

Supervised By :Mahesh Dadoda 11/18/2024



#44

Isopropyl Acetate

Concen: 18.240 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084882.D

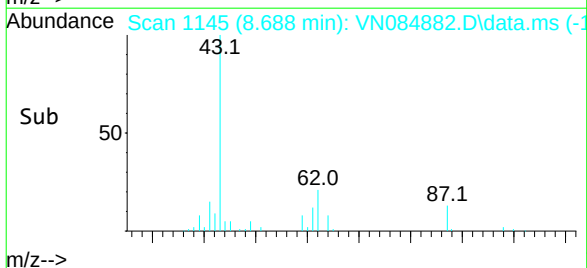
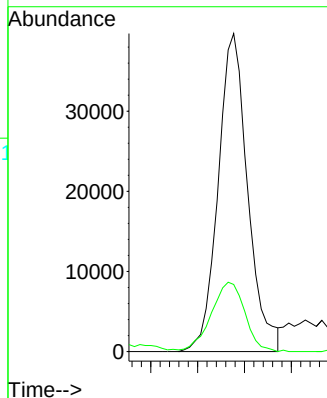
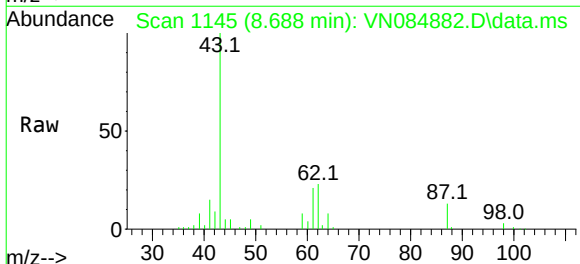
Acq: 15 Nov 2024 20:24

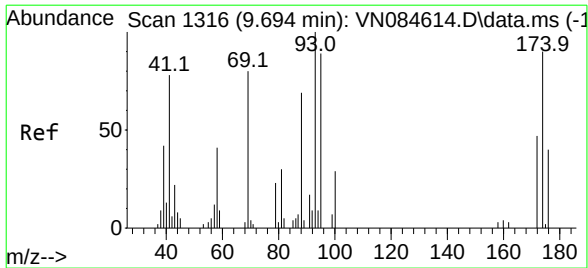
Tgt Ion: 43 Resp: 87270

Ion Ratio Lower Upper

43 100

61 24.7 19.8 29.8





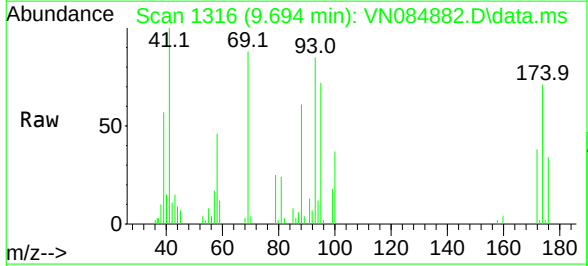
#45
 1,4-Dioxane
 Concen: 400.256 ug/l
 RT: 9.694 min Scan# 1316
 Delta R.T. 0.000 min
 Lab File: VN084882.D
 Acq: 15 Nov 2024 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



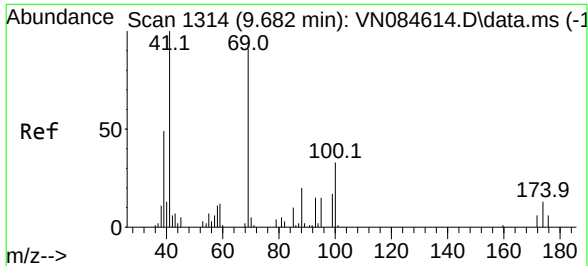
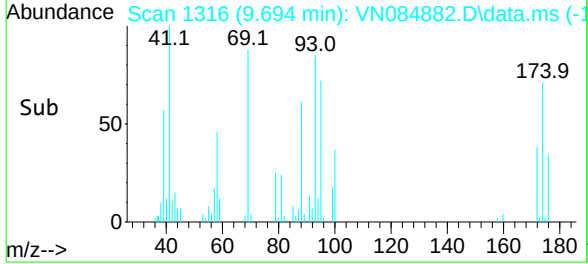
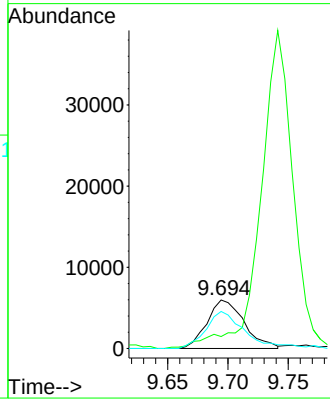
Tgt Ion:	88	Resp:	12785
Ion	Ratio	Lower	Upper
88	100		
43	24.2	20.8	31.2
58	77.8	53.4	80.2

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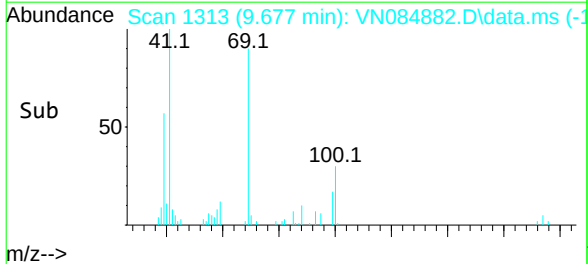
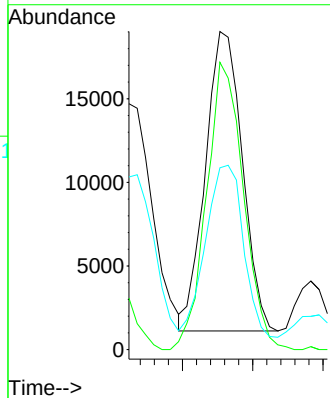
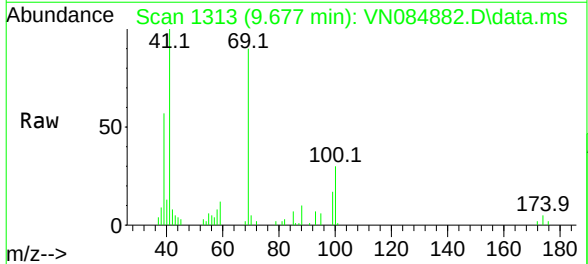
Reviewed By :John Carlone 11/17/2024

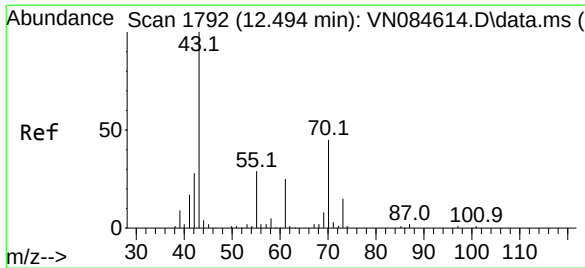
Supervised By :Mahesh Dadoda 11/18/2024



#46
 Methyl methacrylate
 Concen: 16.993 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. -0.006 min
 Lab File: VN084882.D
 Acq: 15 Nov 2024 20:24

Tgt Ion:	41	Resp:	32673
Ion	Ratio	Lower	Upper
41	100		
69	94.3	43.4	130.2
39	56.6	24.7	74.1





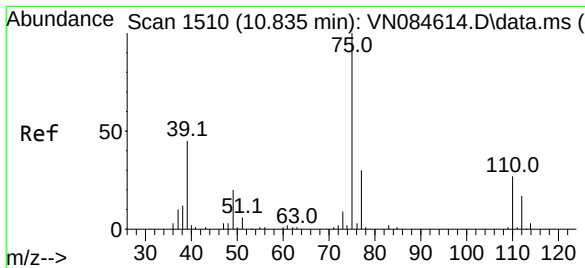
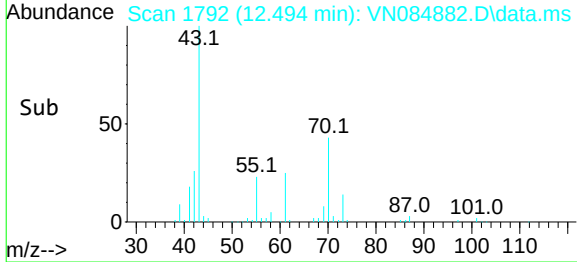
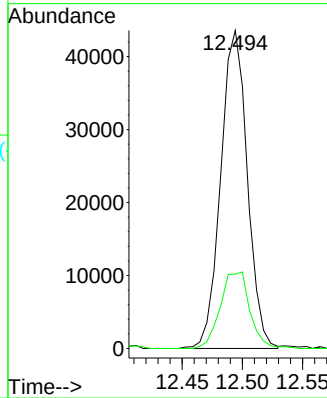
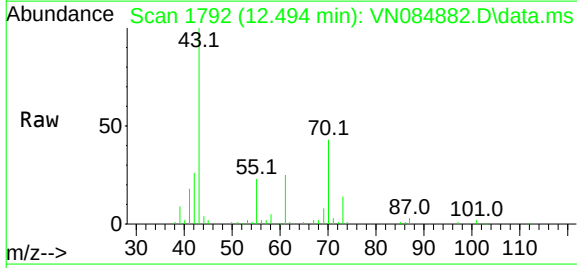
#47
n-amy1 Acetate
Concen: 18.725 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 66911
Ion Ratio Lower Upper
43 100
55 26.8 22.0 33.0

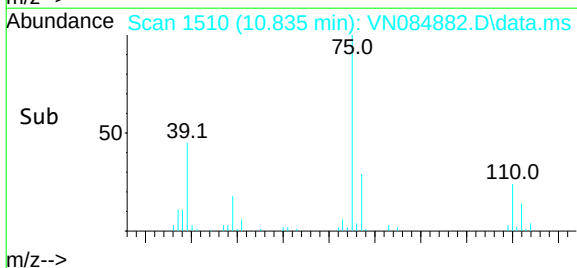
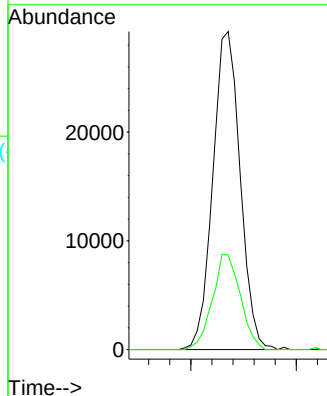
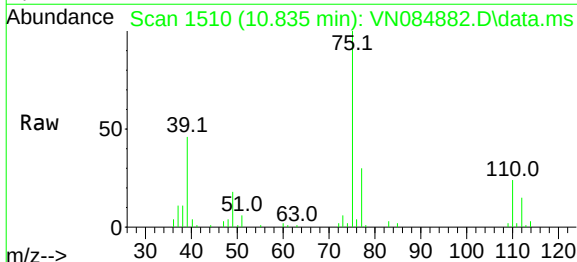
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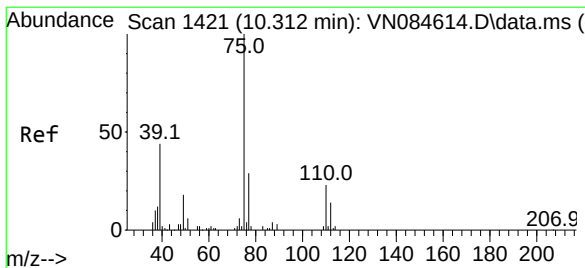
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#48
t-1,3-Dichloropropene
Concen: 18.310 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Tgt Ion: 75 Resp: 52592
Ion Ratio Lower Upper
75 100
77 29.7 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 18.628 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN084882.D

Acq: 15 Nov 2024 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

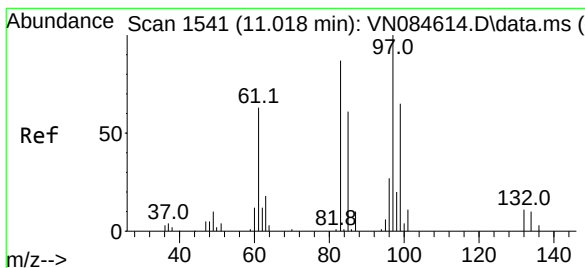
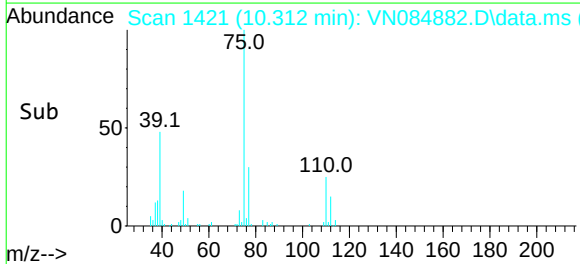
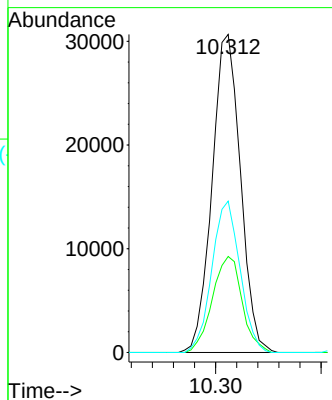
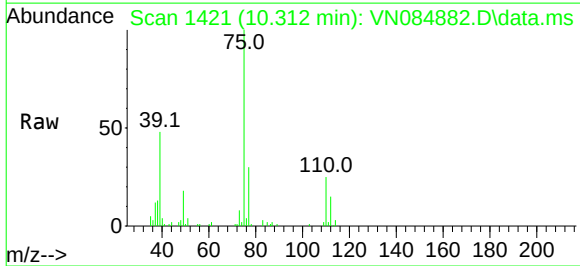
Tgt Ion:	75	Resp:	57344
Ion	Ratio	Lower	Upper
75	100		
77	30.2	23.4	35.2
39	47.6	35.4	53.2

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Reviewed By :John Carlone 11/17/2024

Supervised By :Mahesh Dadoda 11/18/2024



#50

1,1,2-Trichloroethane

Concen: 19.073 ug/l

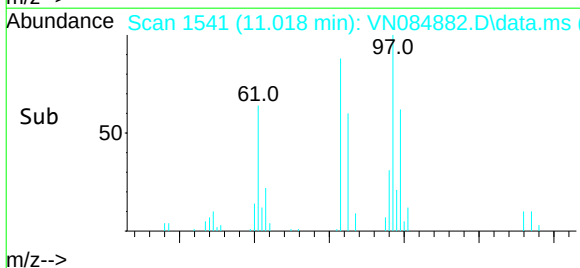
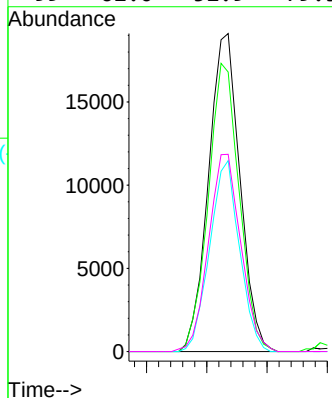
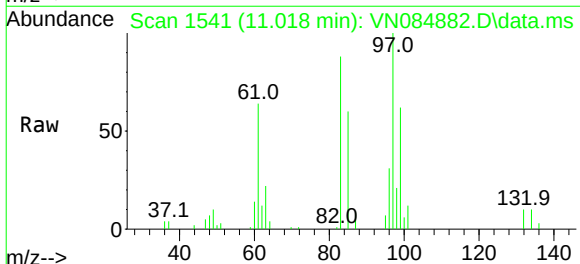
RT: 11.018 min Scan# 1541

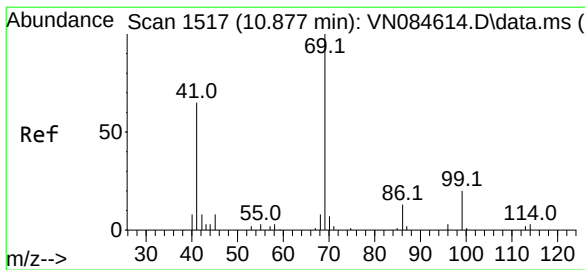
Delta R.T. 0.000 min

Lab File: VN084882.D

Acq: 15 Nov 2024 20:24

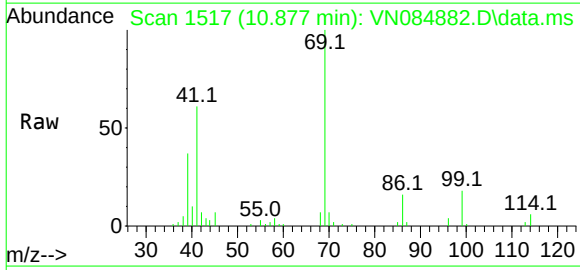
Tgt Ion:	97	Resp:	34715
Ion	Ratio	Lower	Upper
97	100		
83	87.9	69.8	104.8
85	60.0	48.6	73.0
99	62.0	52.9	79.3





#51
Ethyl methacrylate
Concen: 18.199 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

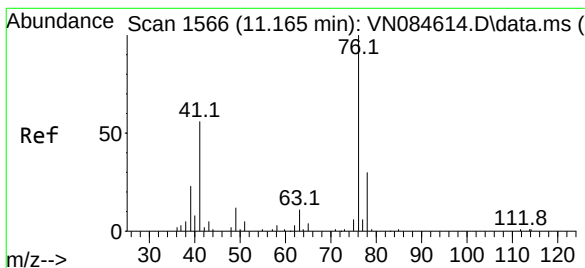
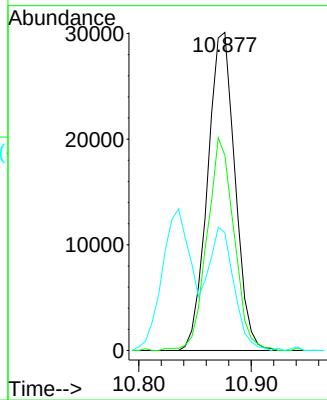
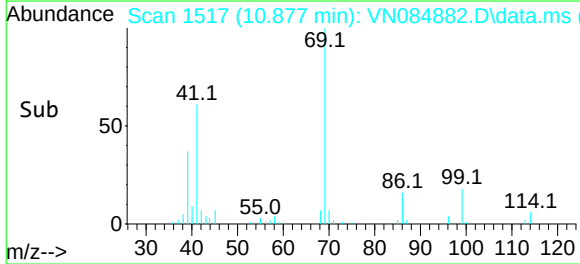
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 51058
Ion Ratio Lower Upper
69 100
41 61.3 32.8 98.3
39 36.3 15.4 46.1

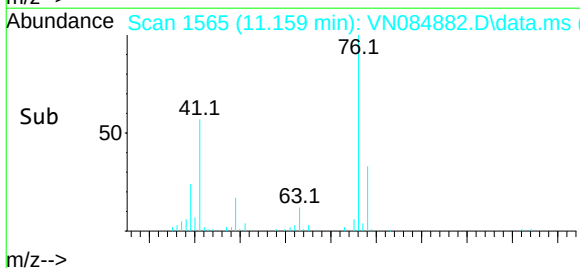
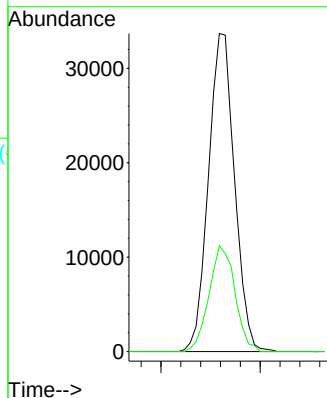
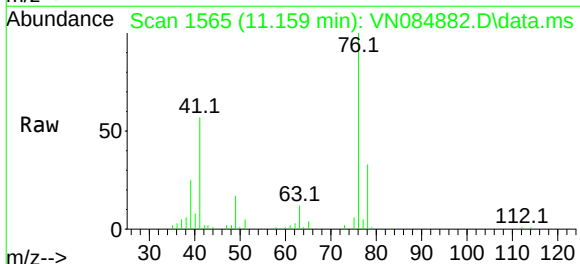
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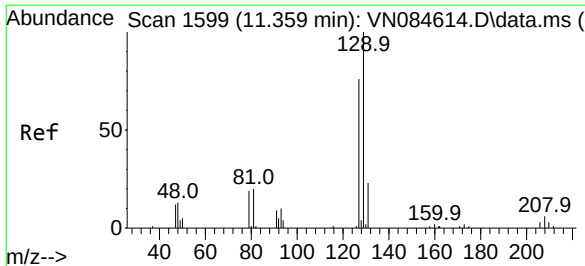
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#52
1,3-Dichloropropane
Concen: 19.473 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Tgt Ion: 76 Resp: 61521
Ion Ratio Lower Upper
76 100
78 33.1 0.0 64.0





#53

Dibromochloromethane

Concen: 18.899 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN084882.D

Acq: 15 Nov 2024 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:129 Resp: 40253

Ion Ratio Lower Upper

129 100

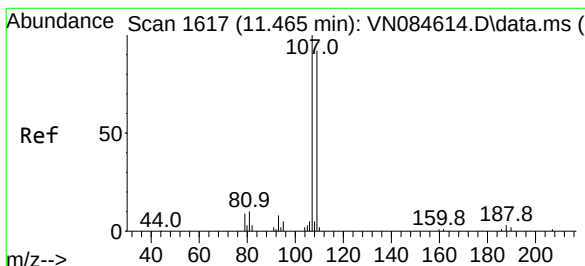
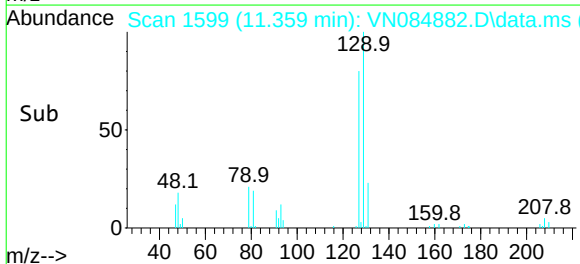
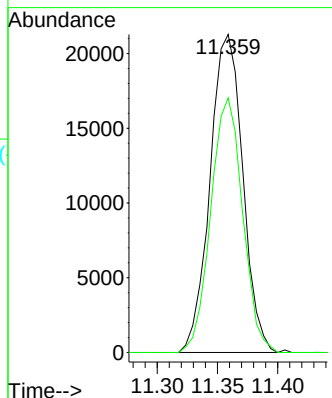
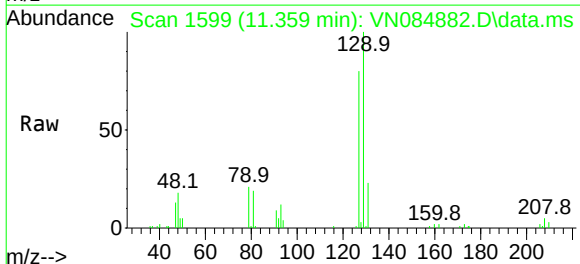
127 77.8 39.6 119.0

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Reviewed By :John Carlone 11/17/2024

Supervised By :Mahesh Dadoda 11/18/2024



#54

1,2-Dibromoethane

Concen: 19.615 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. 0.006 min

Lab File: VN084882.D

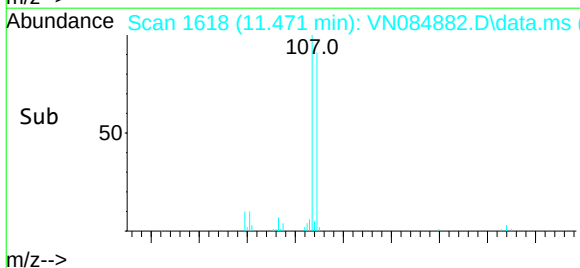
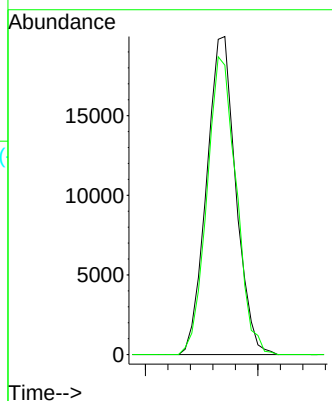
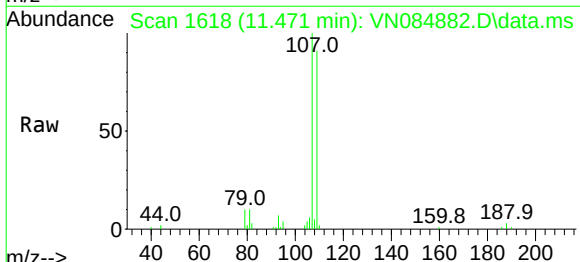
Acq: 15 Nov 2024 20:24

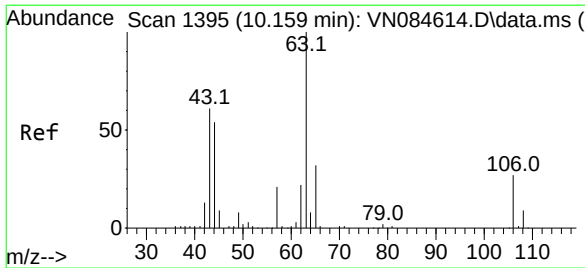
Tgt Ion:107 Resp: 36108

Ion Ratio Lower Upper

107 100

109 93.8 73.4 110.0





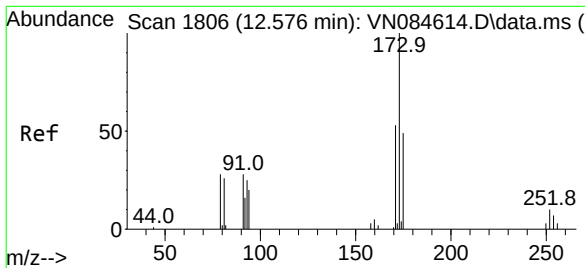
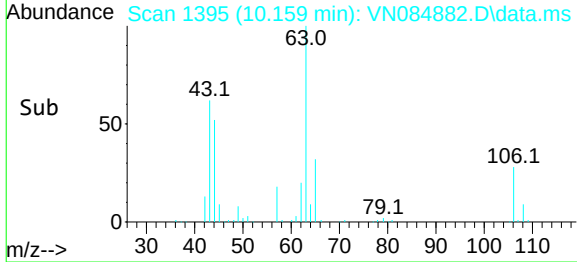
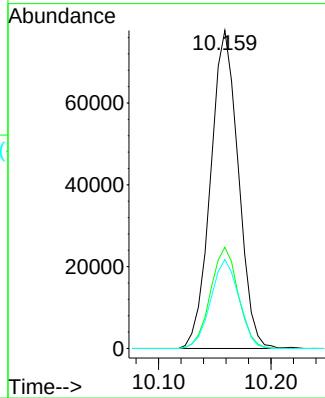
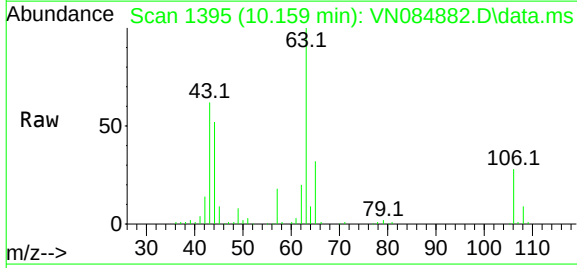
#55
2-Chloroethyl vinyl ether
Concen: 96.835 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	63	Resp:	133194
Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.5	38.3
106	28.5	22.3	33.5

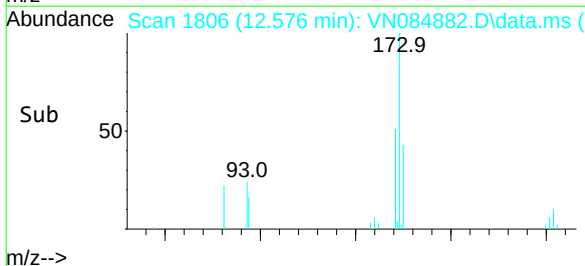
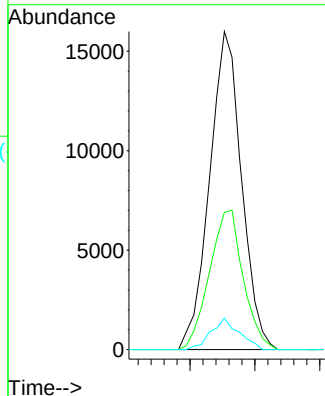
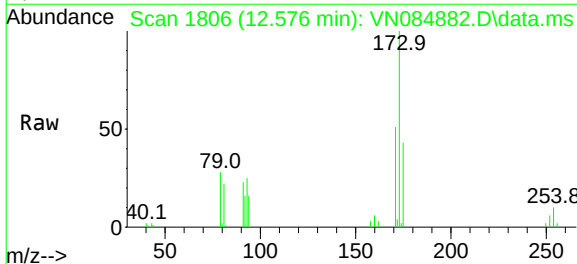
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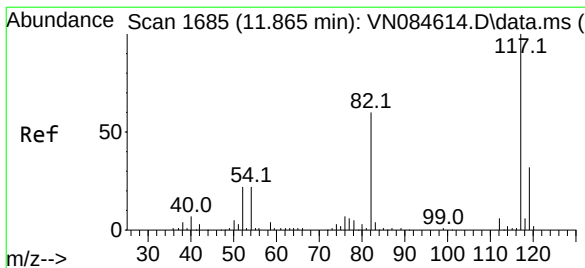
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#56
Bromoform
Concen: 19.192 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Tgt Ion:	173	Resp:	27400
Ion	Ratio	Lower	Upper
173	100		
175	46.3	39.4	59.2
254	8.7	6.4	9.6





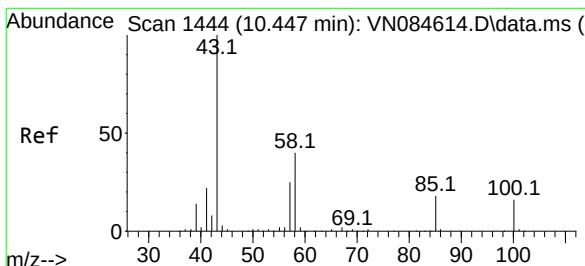
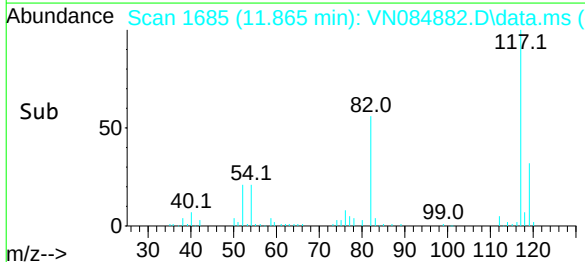
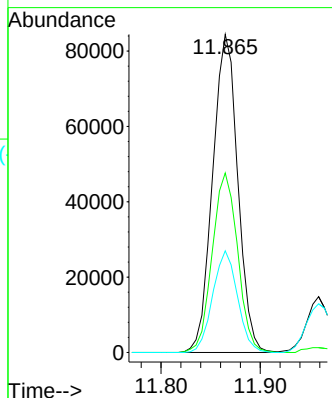
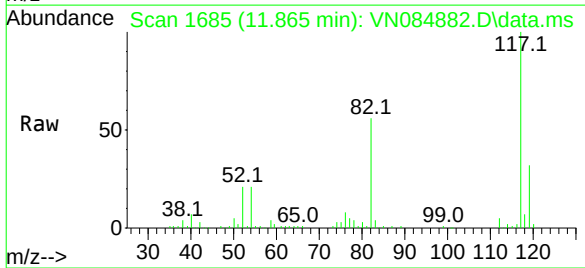
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 117 Resp: 148835
Ion Ratio Lower Upper
117 100
82 57.0 45.5 68.3
119 31.5 25.3 37.9

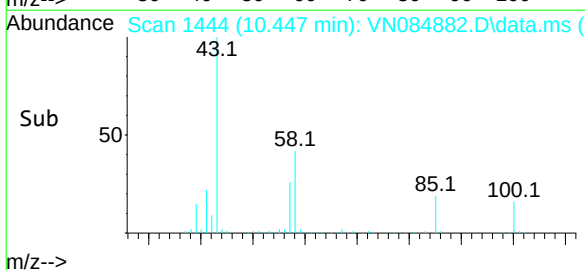
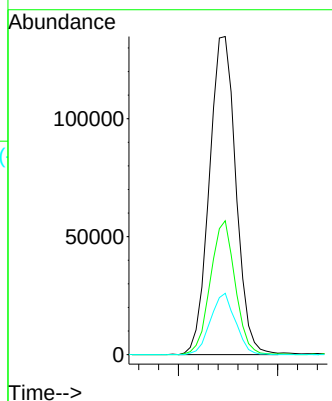
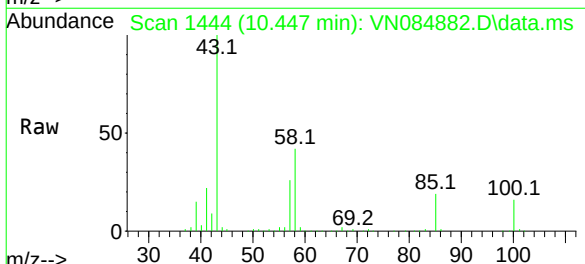
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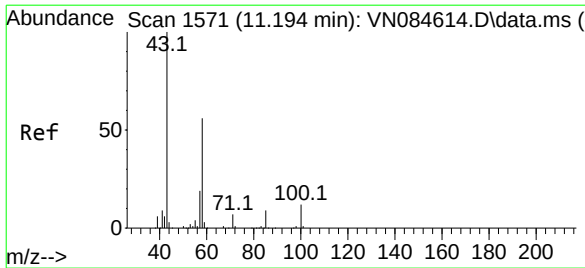
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#58
4-Methyl-2-Pentanone
Concen: 107.037 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

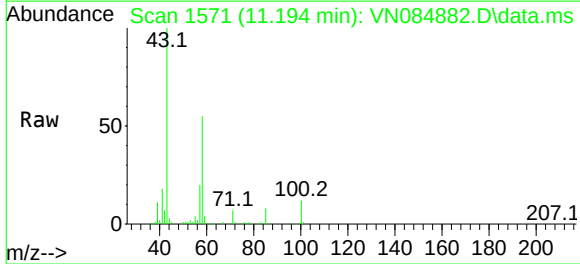
Tgt Ion: 43 Resp: 251328
Ion Ratio Lower Upper
43 100
58 39.2 31.2 46.8
85 18.0 14.9 22.3





#59
2-Hexanone
Concen: 105.823 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

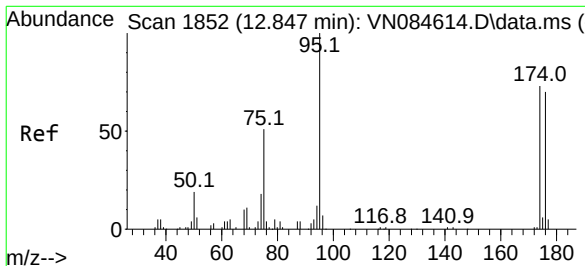
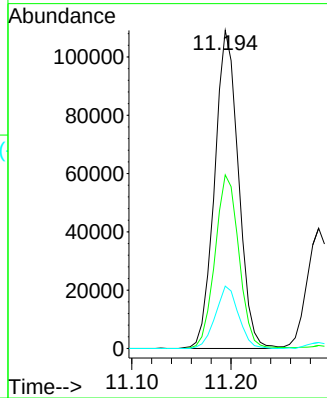
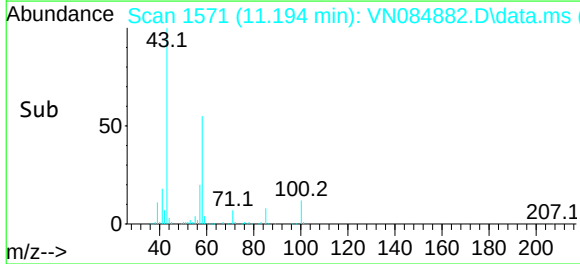
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



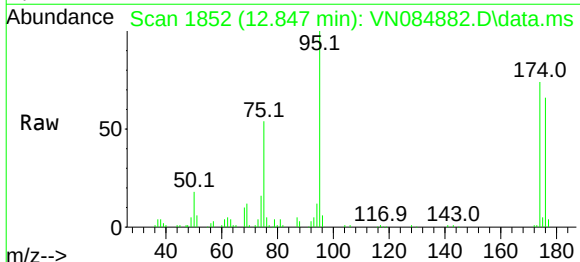
Tgt Ion: 43 Resp: 181950
Ion Ratio Lower Upper
43 100
58 54.7 43.8 65.6
57 19.1 15.0 22.6

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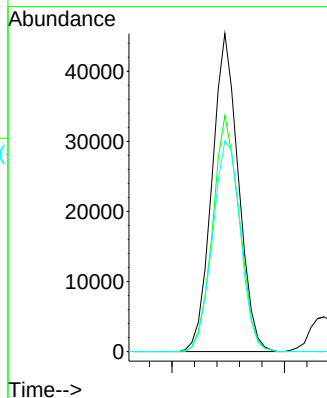
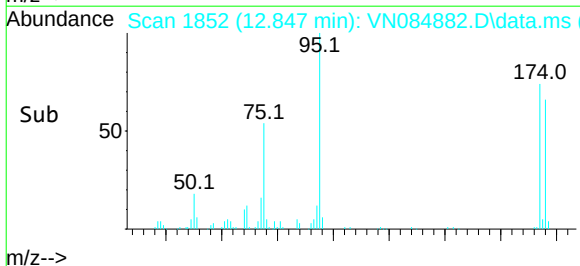
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024

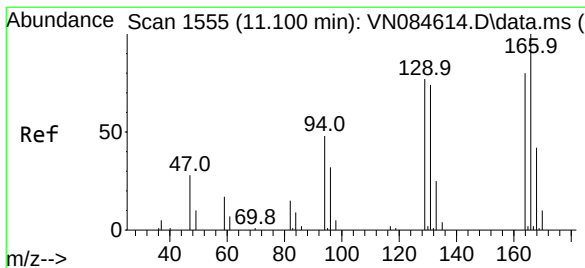


#60
4-Bromofluorobenzene
Concen: 28.916 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24



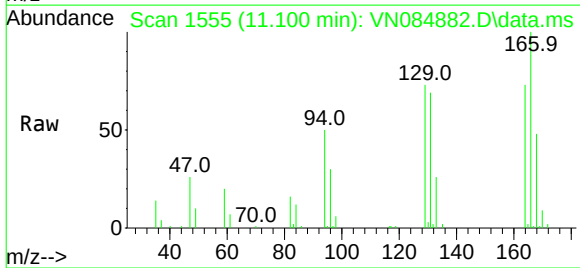
Tgt Ion: 95 Resp: 74102
Ion Ratio Lower Upper
95 100
174 74.8 59.6 89.4
176 70.1 58.6 88.0





#61
Tetrachloroethene
Concen: 19.240 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

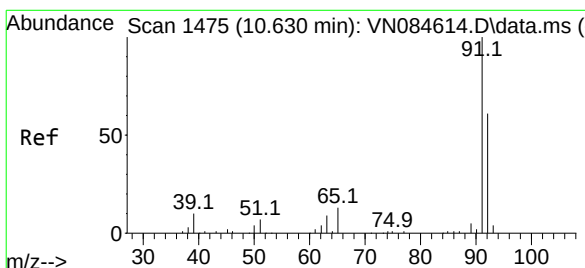
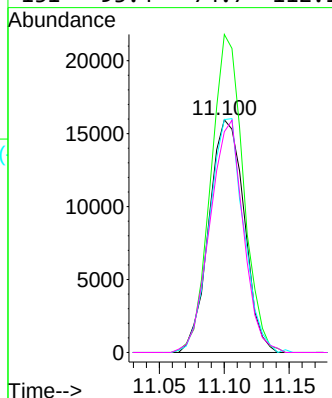
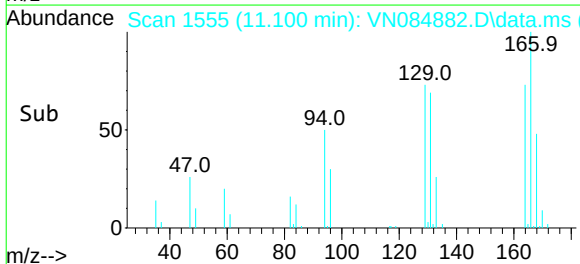
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:	164	Resp:	29969
Ion	Ratio	Lower	Upper
164	100		
166	135.7	100.5	150.7
129	100.1	77.7	116.5
131	93.4	74.7	112.1

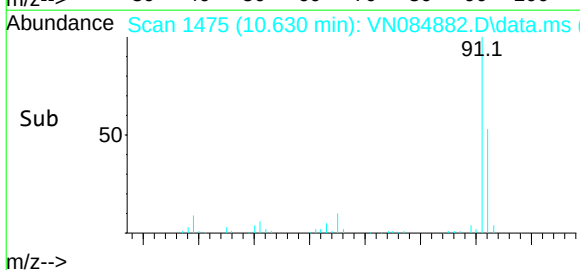
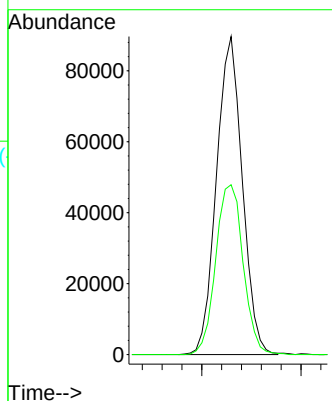
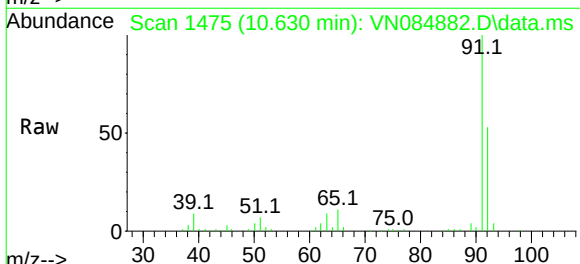
Manual Integrations
APPROVED

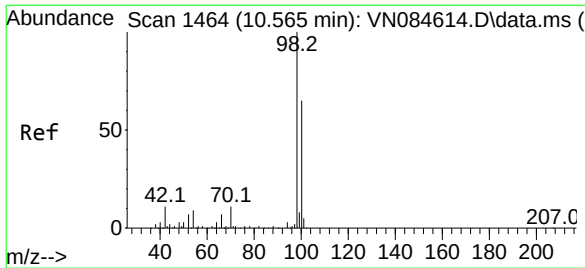
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#62
Toluene
Concen: 19.158 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Tgt Ion:	91	Resp:	162405
Ion	Ratio	Lower	Upper
91	100		
92	56.6	47.5	71.3





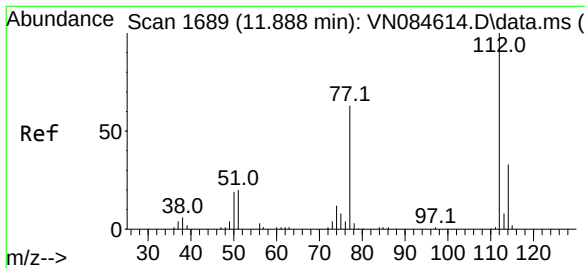
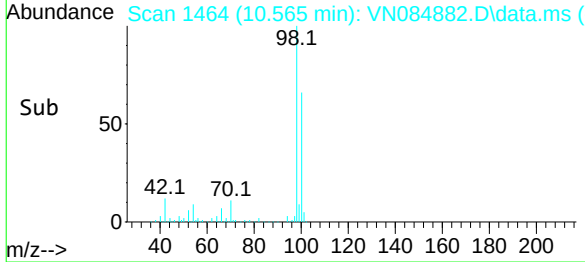
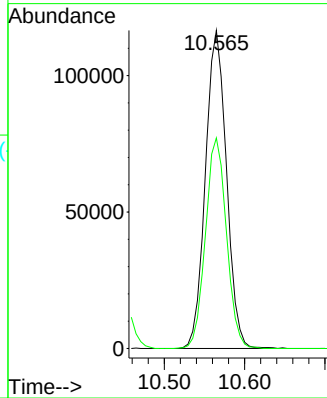
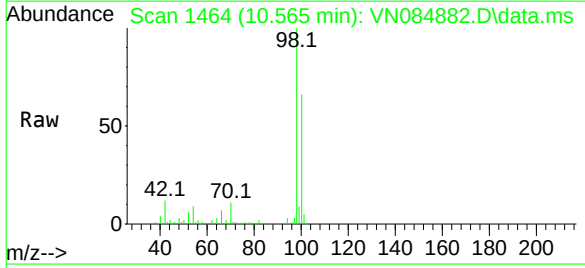
#63
Toluene-d8
Concen: 30.127 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 98 Resp: 212269
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.2

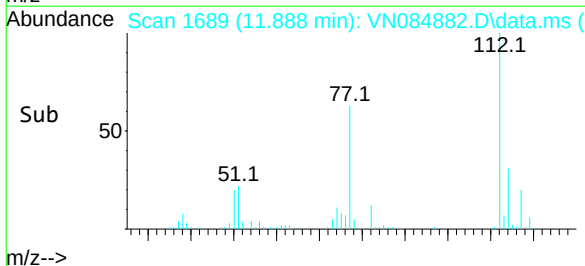
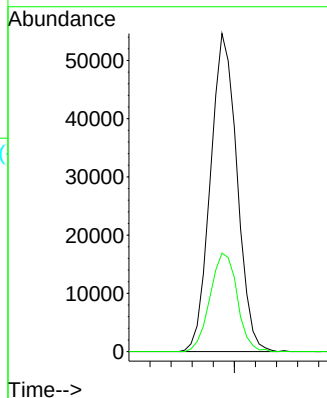
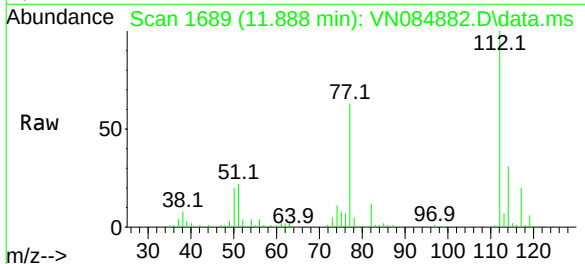
Manual Integrations
APPROVED

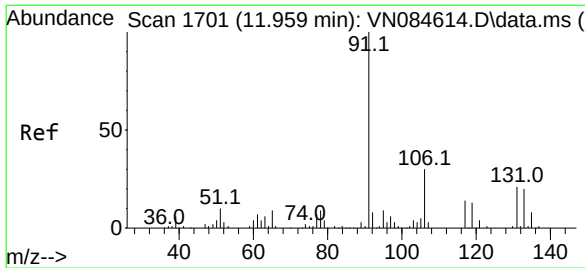
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#64
Chlorobenzene
Concen: 18.700 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

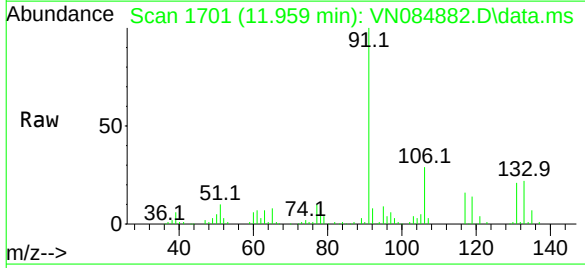
Tgt Ion:112 Resp: 95699
Ion Ratio Lower Upper
112 100
114 31.0 26.2 39.4





#65
1,1,1,2-Tetrachloroethane
Concen: 18.562 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

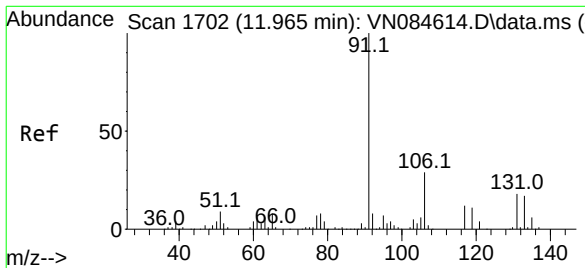
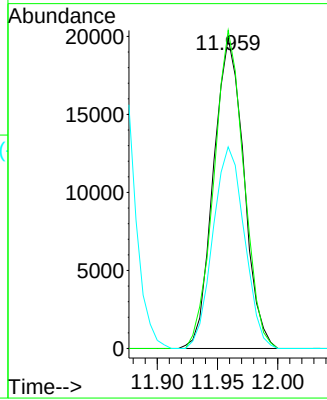
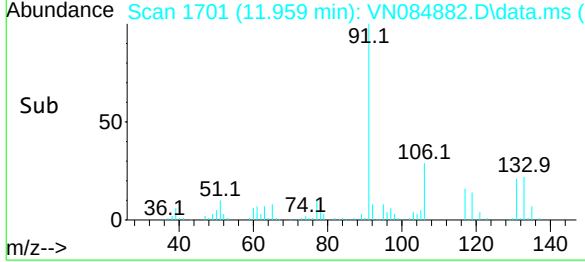
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 131 Resp: 34910
Ion Ratio Lower Upper
131 100
133 100.6 0.0 189.2
119 67.1 0.0 129.4

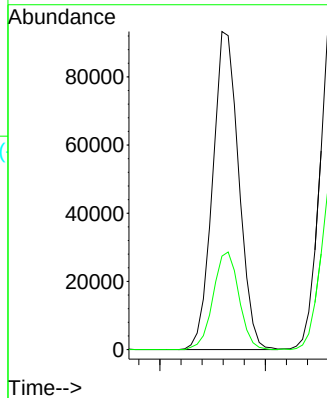
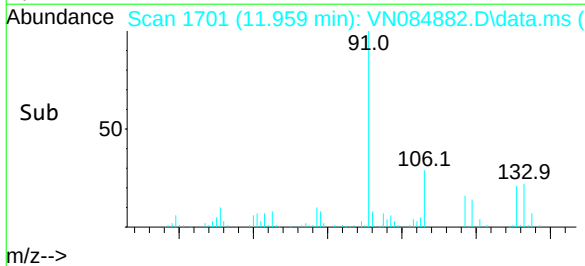
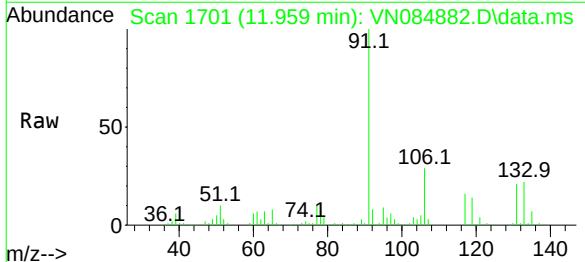
Manual Integrations
APPROVED

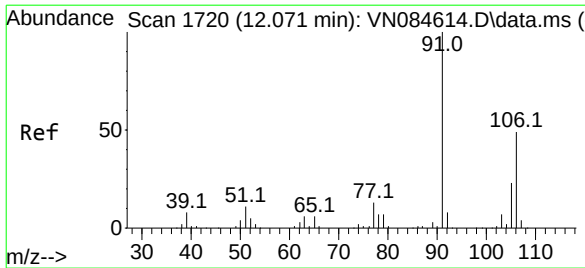
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#66
Ethyl Benzene
Concen: 18.031 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Tgt Ion: 91 Resp: 160632
Ion Ratio Lower Upper
91 100
106 29.4 22.9 34.3





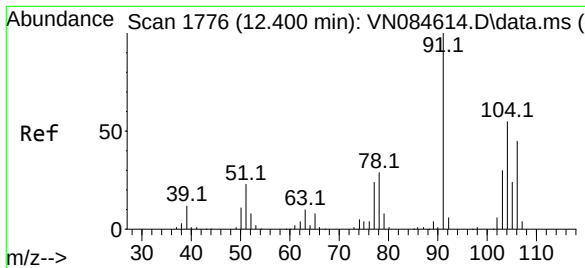
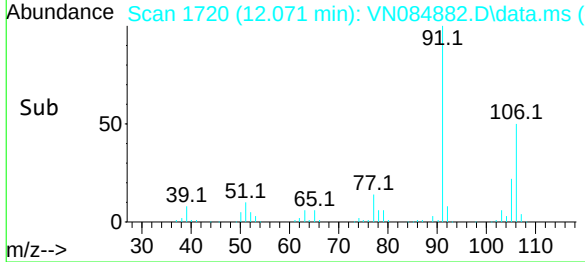
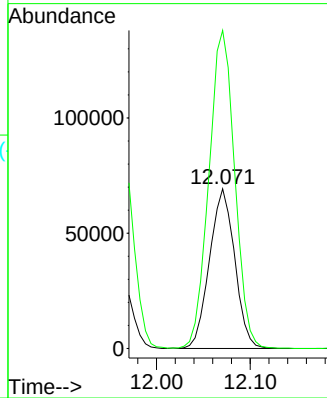
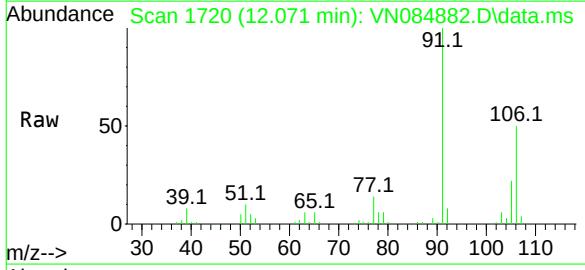
#67
m/p-Xylenes
Concen: 37.990 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 129574
Ion Ratio Lower Upper
106 100
91 203.9 168.1 252.1

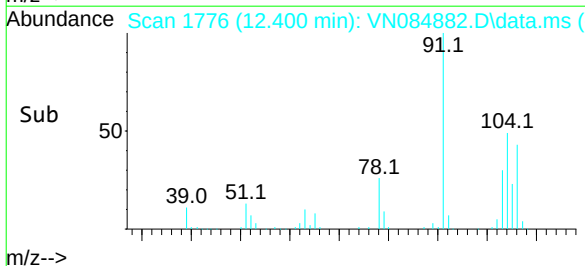
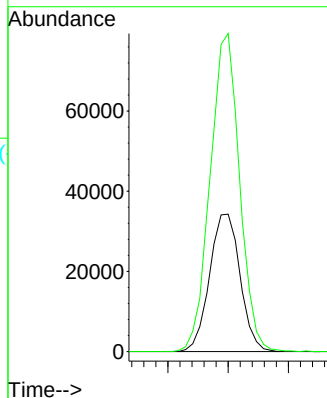
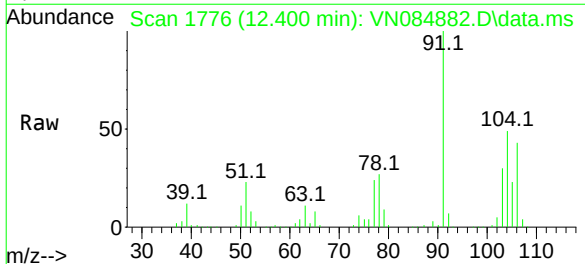
Manual Integrations
APPROVED

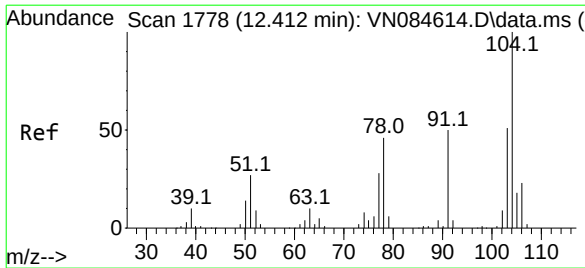
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#68
o-Xylene
Concen: 18.359 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Tgt Ion:106 Resp: 60402
Ion Ratio Lower Upper
106 100
91 223.1 107.7 322.9





#69

Styrene

Concen: 18.601 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN084882.D

Acq: 15 Nov 2024 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

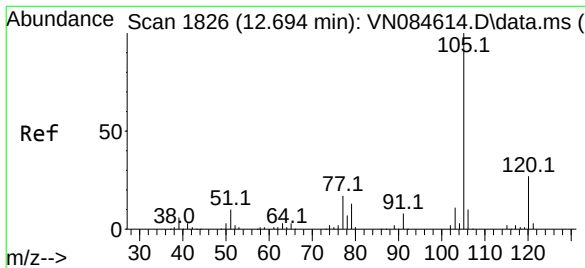
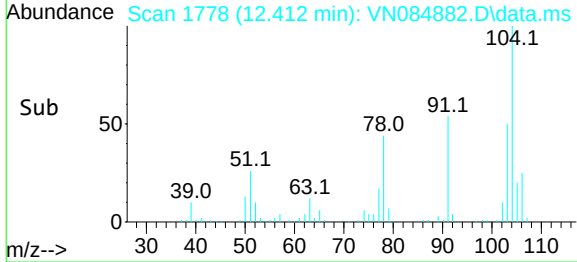
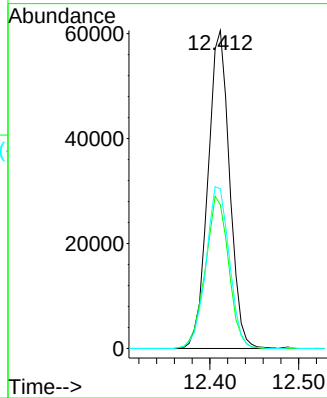
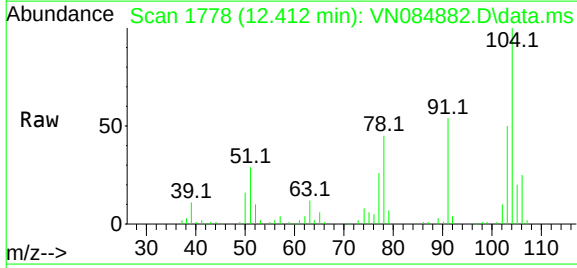
Tgt Ion:	104	Resp:	102615
Ion Ratio	Lower	Upper	
104	100		
78	51.6	41.5	62.3
103	55.0	44.6	67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2024

Supervised By :Mahesh Dadoda 11/18/2024



#70

Isopropylbenzene

Concen: 18.554 ug/l

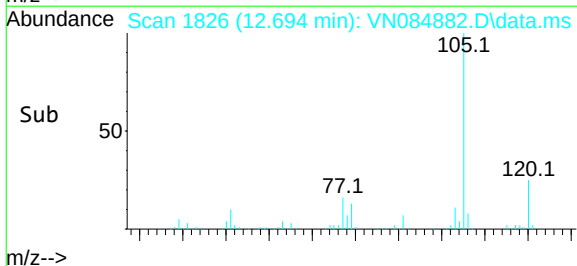
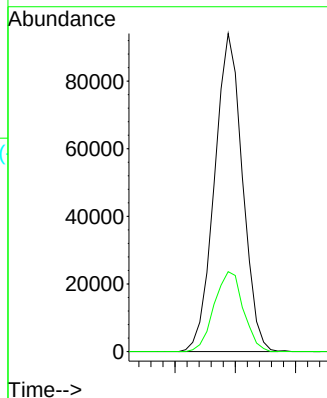
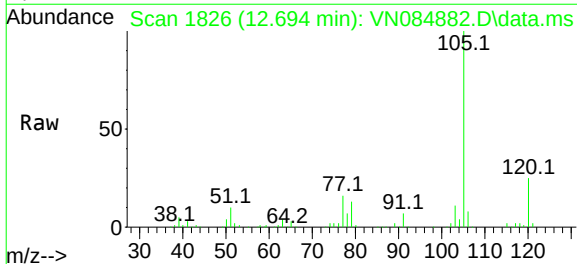
RT: 12.694 min Scan# 1826

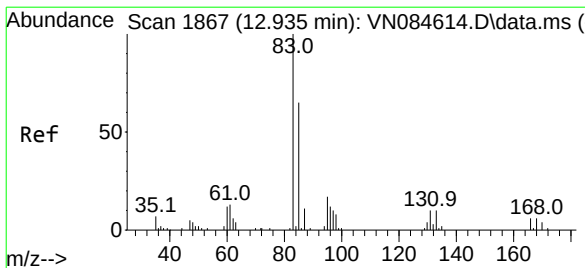
Delta R.T. 0.000 min

Lab File: VN084882.D

Acq: 15 Nov 2024 20:24

Tgt Ion:	105	Resp:	151645
Ion Ratio	Lower	Upper	
105	100		
120	26.1	18.7	34.7





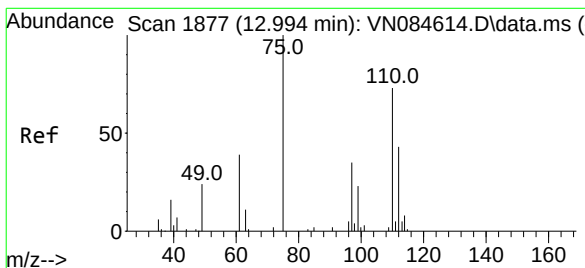
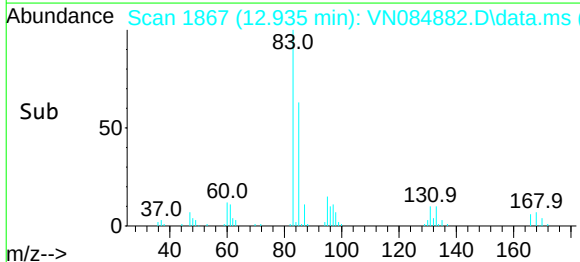
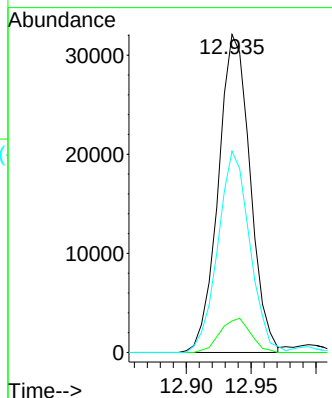
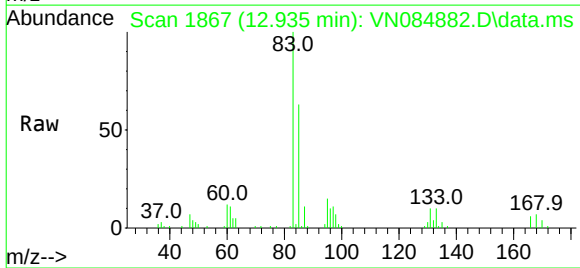
#71
1,1,2,2-Tetrachloroethane
Concen: 20.633 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.1	15.3
85	63.4	33.3	99.9

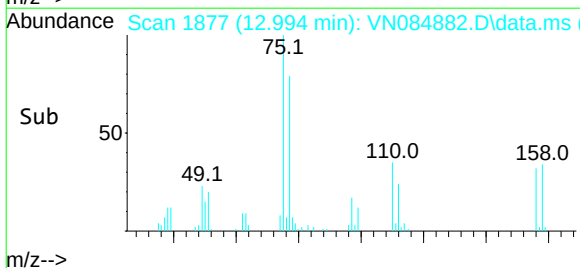
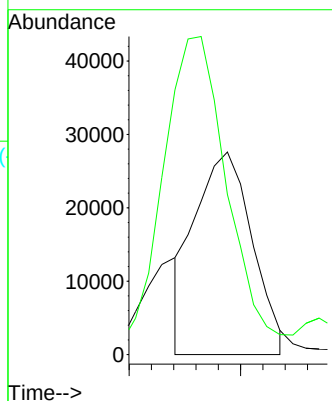
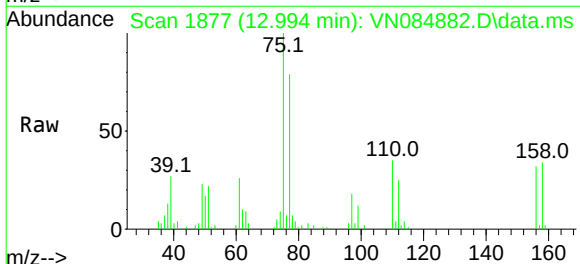
Manual Integrations
APPROVED

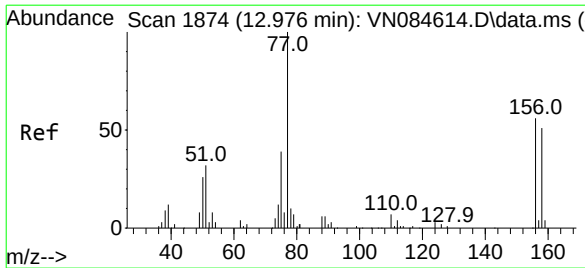
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#72
1,2,3-Trichloropropane
Concen: 21.822 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	180.5	0.0	358.4





#73

Bromobenzene

Concen: 18.027 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN084882.D

Acq: 15 Nov 2024 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

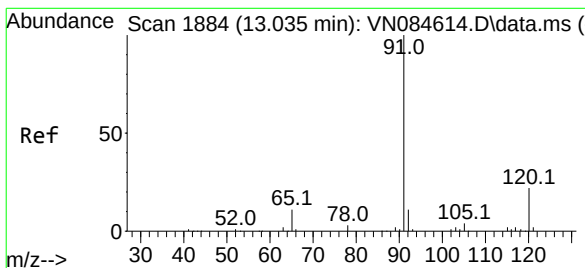
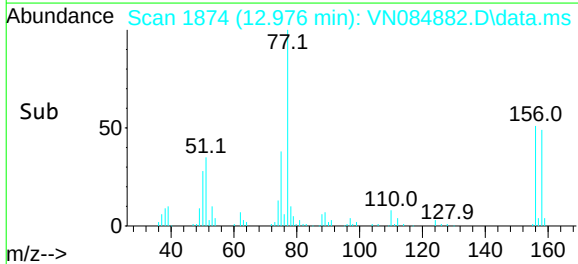
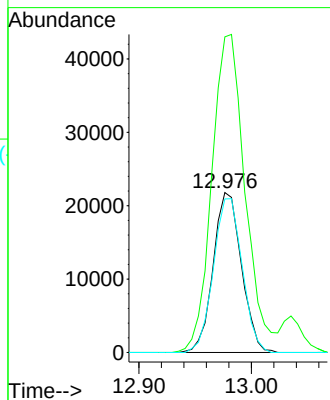
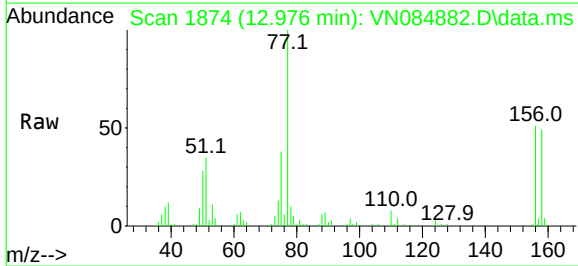
Tgt Ion:	156	Resp:	38001
Ion Ratio	Lower	Upper	
156	100		
77	234.4	0.0	427.6
158	98.1	0.0	191.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2024

Supervised By :Mahesh Dadoda 11/18/2024



#74

n-propylbenzene

Concen: 18.229 ug/l

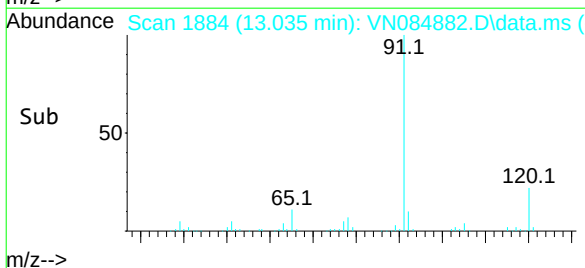
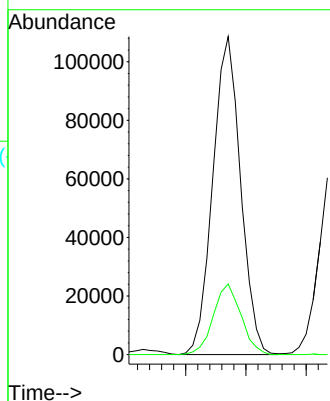
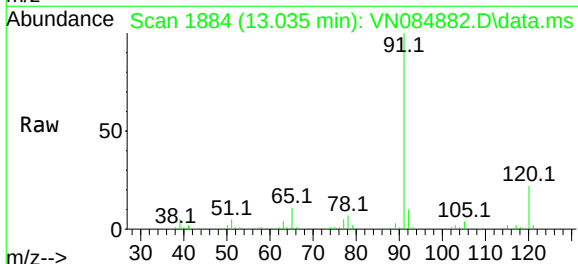
RT: 13.035 min Scan# 1884

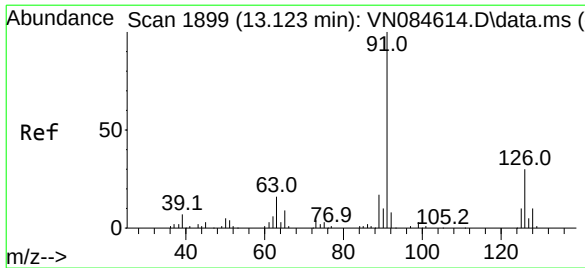
Delta R.T. 0.000 min

Lab File: VN084882.D

Acq: 15 Nov 2024 20:24

Tgt Ion:	91	Resp:	174216
Ion Ratio	Lower	Upper	
91	100		
120	22.1	0.0	44.0





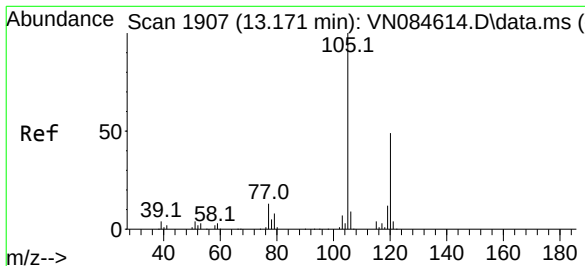
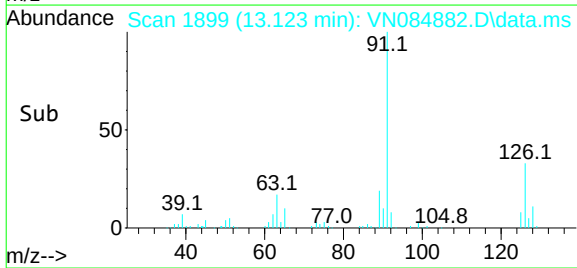
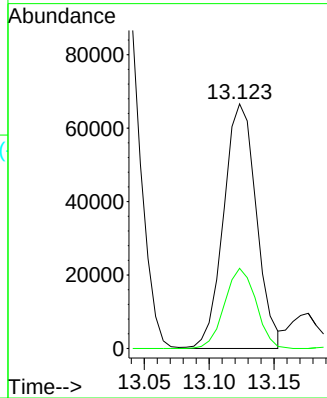
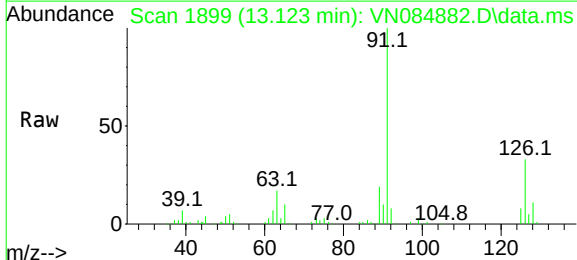
#75
2-Chlorotoluene
Concen: 18.820 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 117134
Ion Ratio Lower Upper
91 100
126 31.3 0.0 60.8

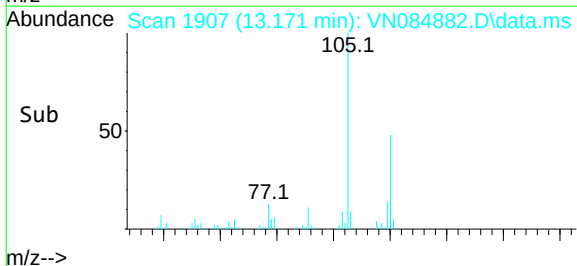
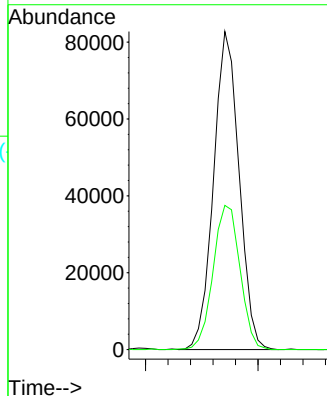
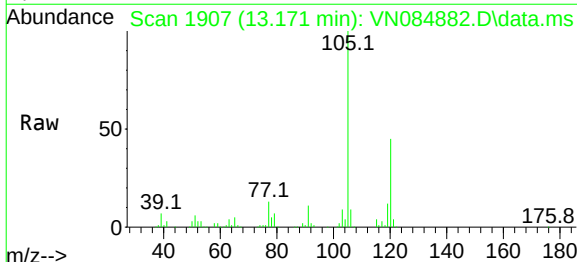
Manual Integrations
APPROVED

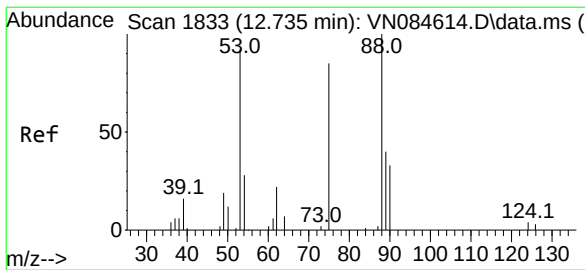
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#76
1,3,5-Trimethylbenzene
Concen: 18.698 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Tgt Ion:105 Resp: 130571
Ion Ratio Lower Upper
105 100
120 47.8 0.0 96.8





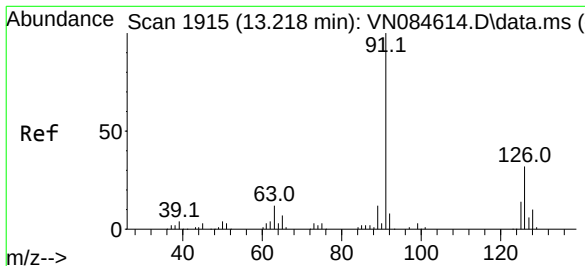
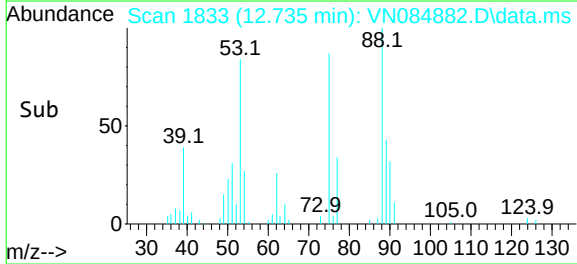
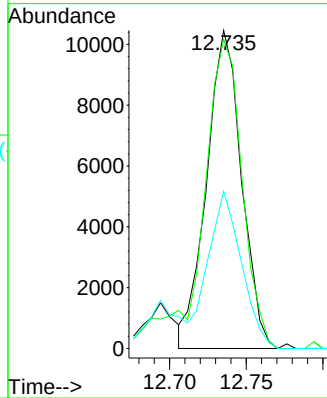
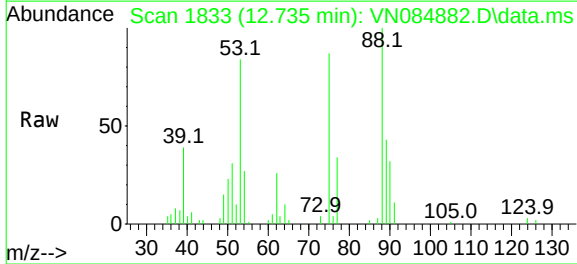
#77
t-1,4-Dichloro-2-butene
Concen: 17.811 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	97.1	52.4	157.2
89	49.4	26.0	78.0

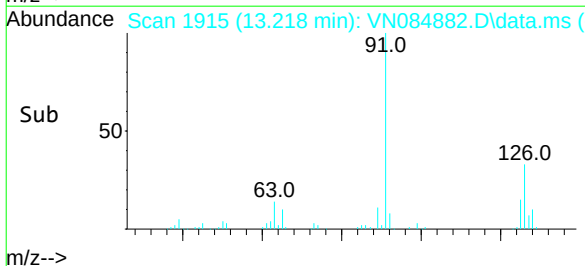
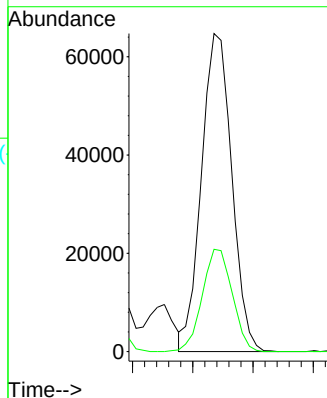
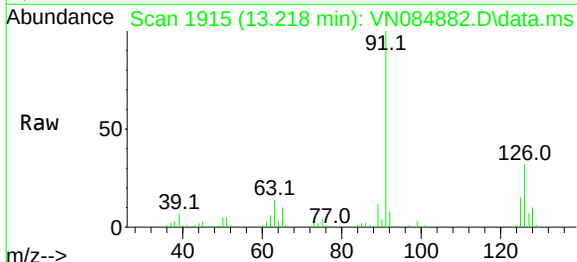
Manual Integrations
APPROVED

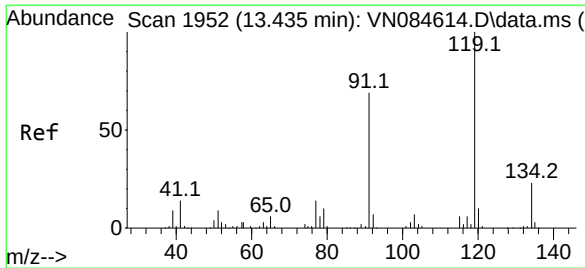
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#78
4-Chlorotoluene
Concen: 17.997 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	0.0	63.4





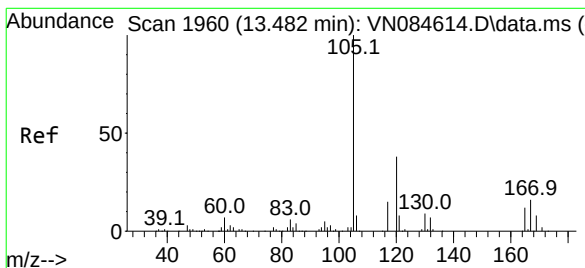
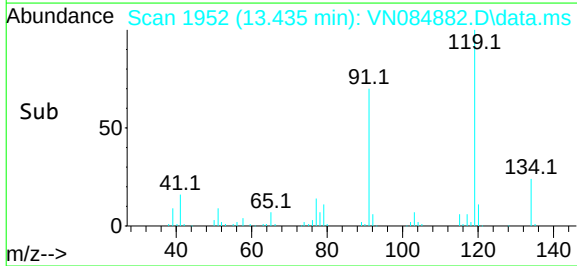
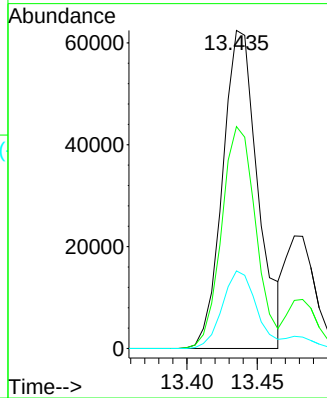
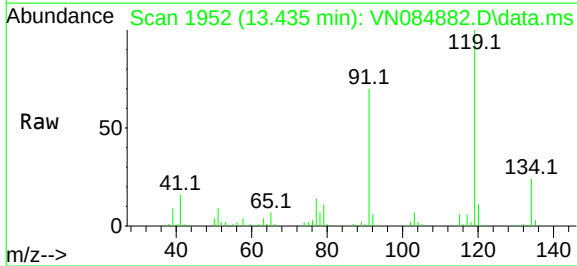
#79
tert-butylbenzene
Concen: 18.867 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 108959
Ion Ratio Lower Upper
119 100
91 67.8 0.0 143.2
134 23.5 0.0 49.4

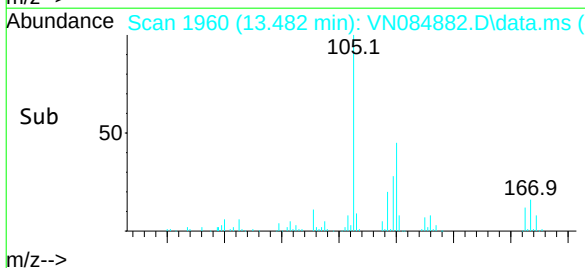
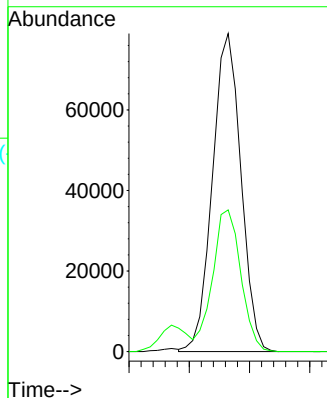
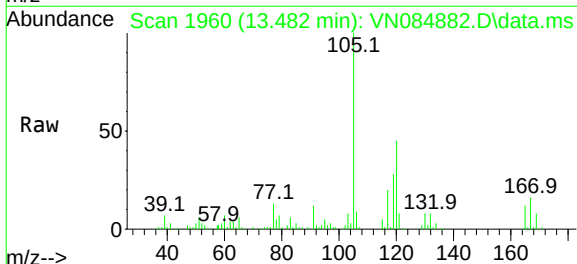
Manual Integrations
APPROVED

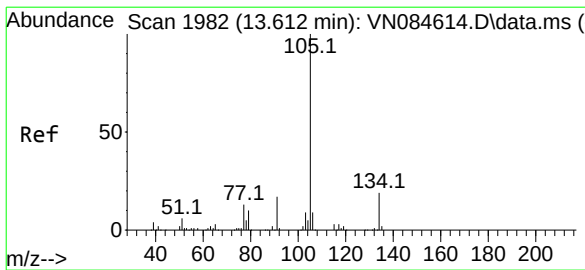
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#80
1,2,4-Trimethylbenzene
Concen: 18.414 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Tgt Ion:105 Resp: 129729
Ion Ratio Lower Upper
105 100
120 44.2 0.0 90.4





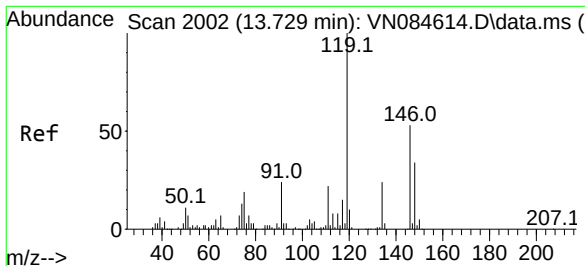
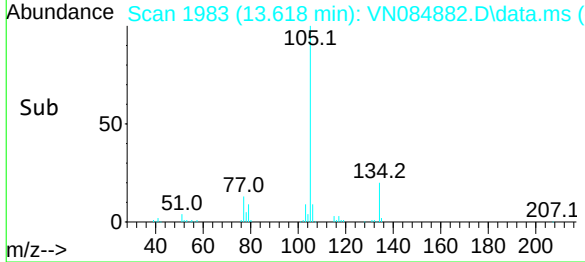
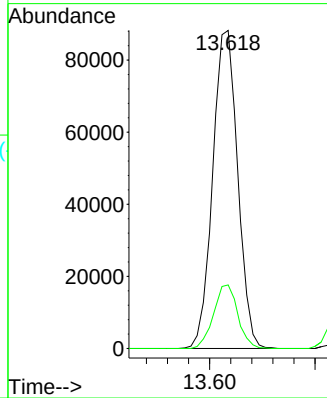
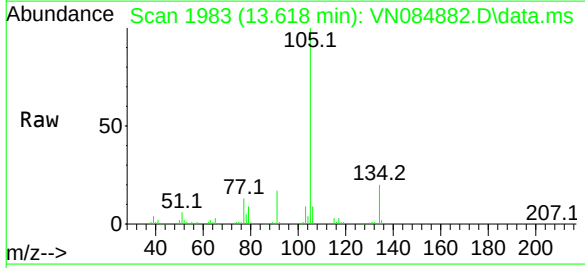
#81
sec-Butylbenzene
Concen: 18.244 ug/l
RT: 13.618 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:105 Resp: 145175
Ion Ratio Lower Upper
105 100
134 19.4 0.0 39.0

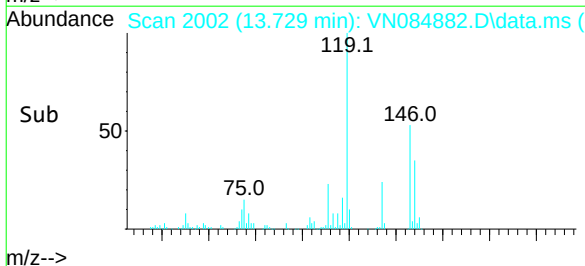
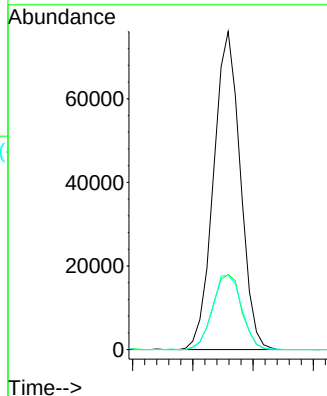
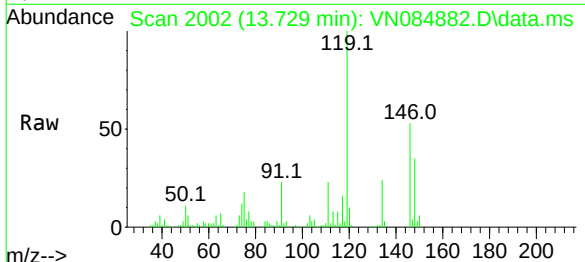
Manual Integrations
APPROVED

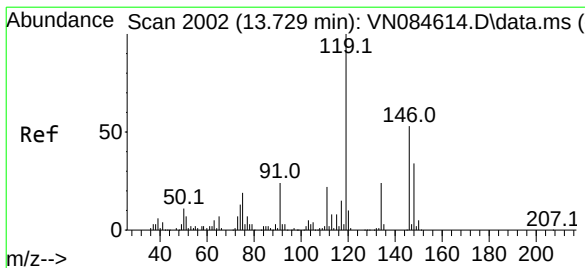
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#82
p-Isopropyltoluene
Concen: 17.547 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Tgt Ion:119 Resp: 117323
Ion Ratio Lower Upper
119 100
134 25.6 0.0 51.4
91 25.7 0.0 50.4





#83

1,3-Dichlorobenzene

Concen: 17.916 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN084882.D

Acq: 15 Nov 2024 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

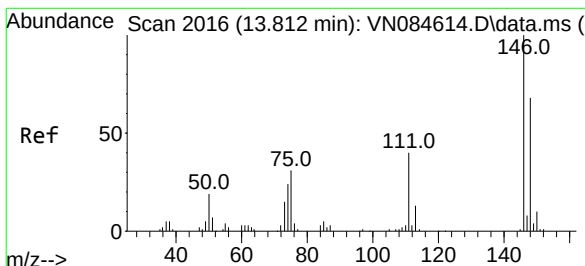
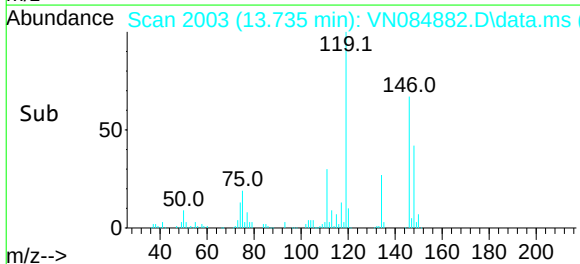
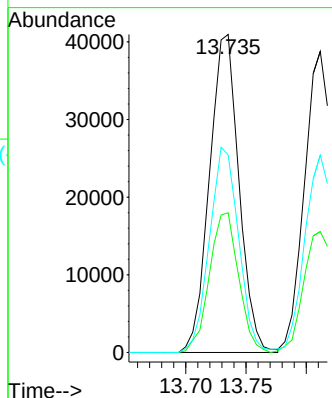
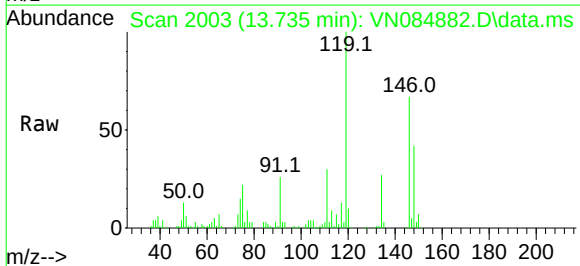
Tgt Ion:	146	Resp:	69849
Ion Ratio	Lower	Upper	
146	100		
111	43.4	21.0	63.0
148	63.9	31.3	93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2024

Supervised By :Mahesh Dadoda 11/18/2024



#84

1,4-Dichlorobenzene

Concen: 17.093 ug/l

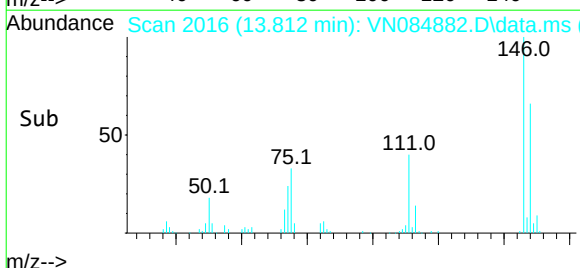
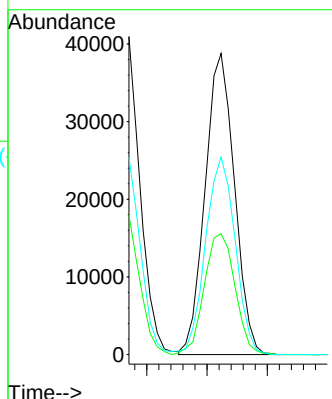
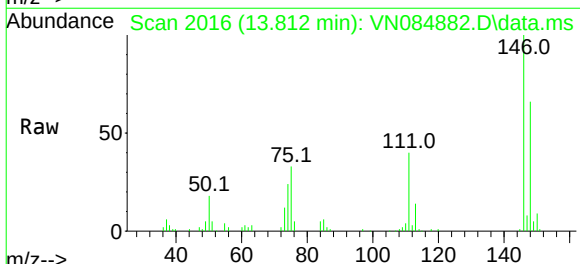
RT: 13.812 min Scan# 2016

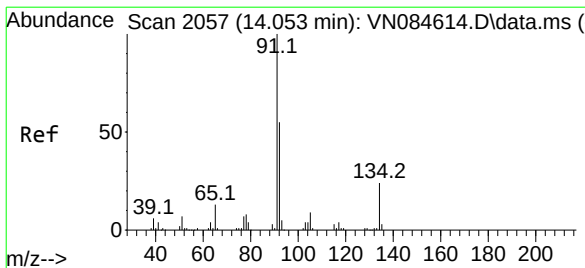
Delta R.T. 0.000 min

Lab File: VN084882.D

Acq: 15 Nov 2024 20:24

Tgt Ion:	146	Resp:	65846
Ion Ratio	Lower	Upper	
146	100		
111	41.9	20.2	60.5
148	66.0	32.6	98.0





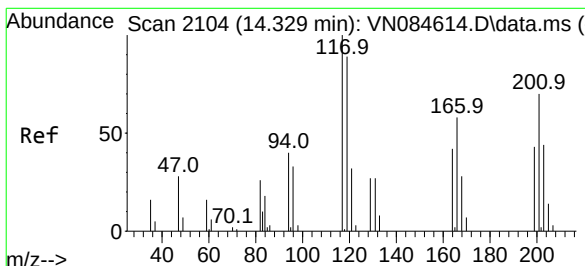
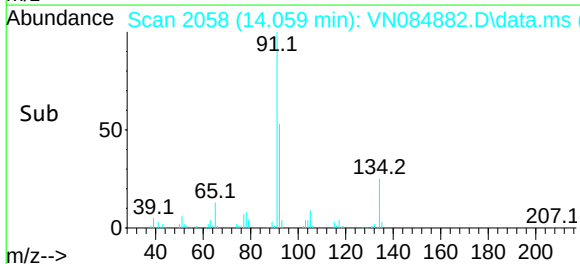
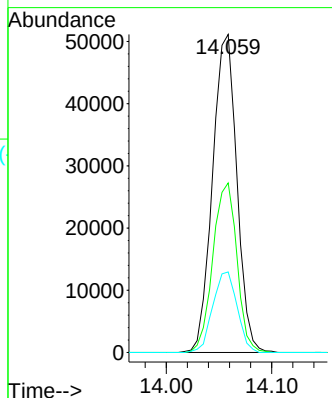
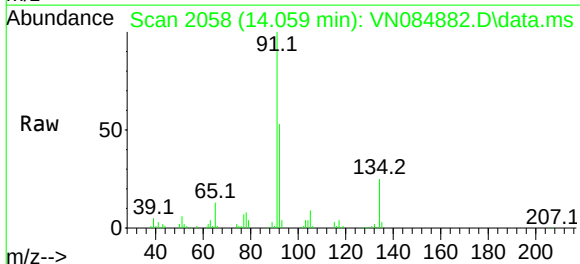
#85
n-Butylbenzene
Concen: 14.609 ug/l
RT: 14.059 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	91	Resp:	82040
Ion	Ratio	Lower	Upper
91	100		
92	52.6	0.0	106.2
134	25.4	0.0	48.2

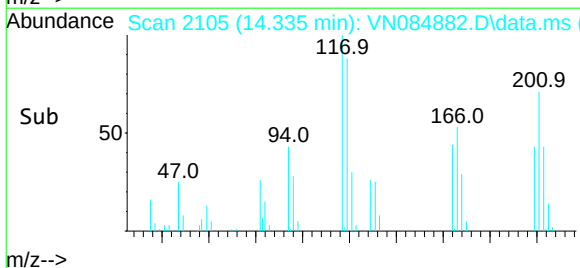
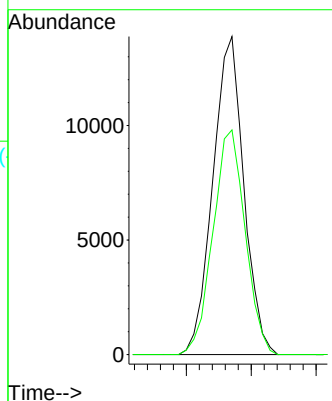
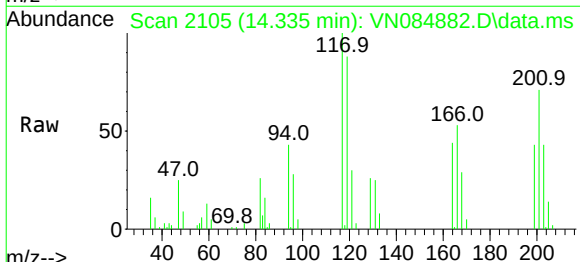
Manual Integrations
APPROVED

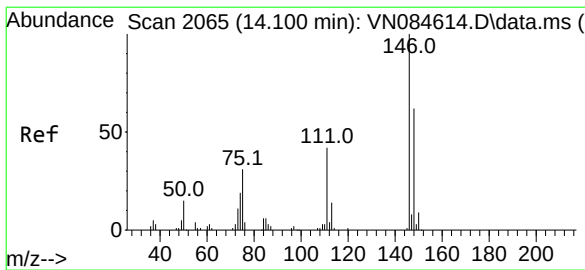
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#86
Hexachloroethane
Concen: 16.856 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Tgt Ion:	117	Resp:	23050
Ion	Ratio	Lower	Upper
117	100		
201	73.3	34.4	103.3





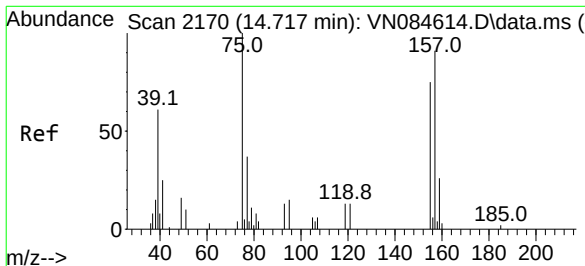
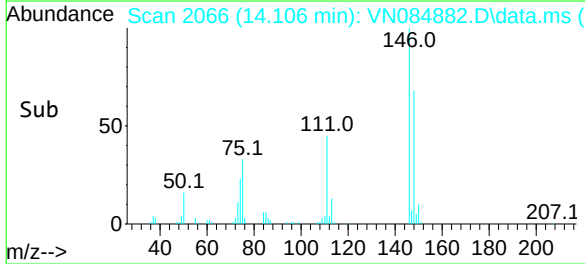
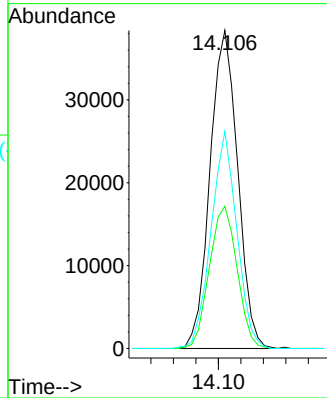
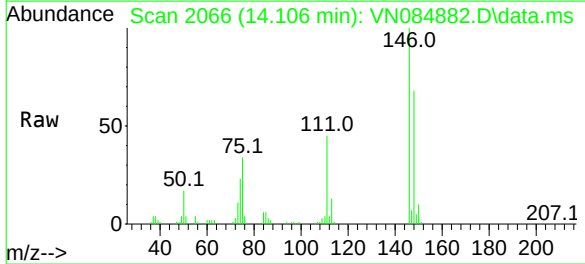
#87
1,2-Dichlorobenzene
Concen: 17.071 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	146	Resp:	65581
Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.4	67.0
148	63.8	32.6	98.0

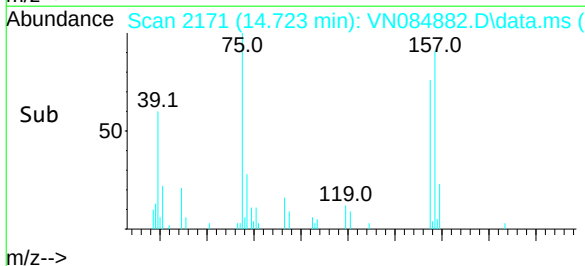
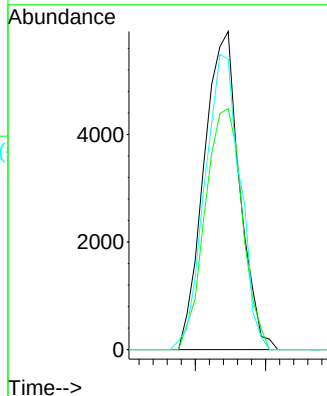
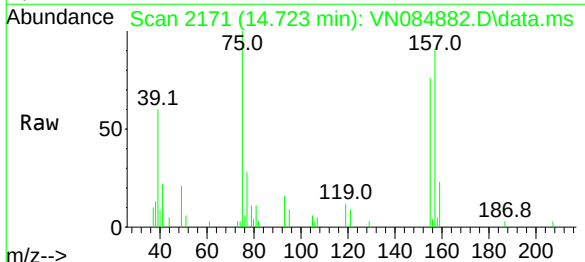
Manual Integrations
APPROVED

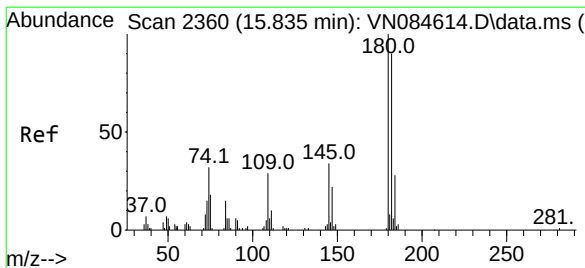
Reviewed By :John Carlone 11/17/2024
Supervised By :Mahesh Dadoda 11/18/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.279 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN084882.D
Acq: 15 Nov 2024 20:24

Tgt Ion:	75	Resp:	10366
Ion	Ratio	Lower	Upper
75	100		
155	79.4	61.8	92.6
157	92.0	74.7	112.1





#89

1,2,4-Trichlorobenzene

Concen: 16.781 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN084882.D

Acq: 15 Nov 2024 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

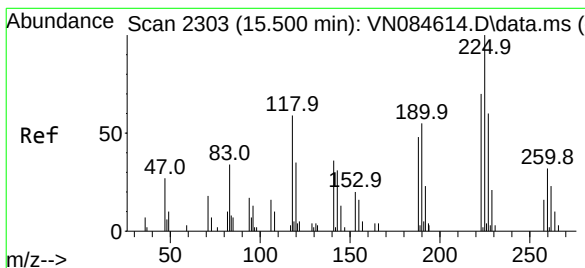
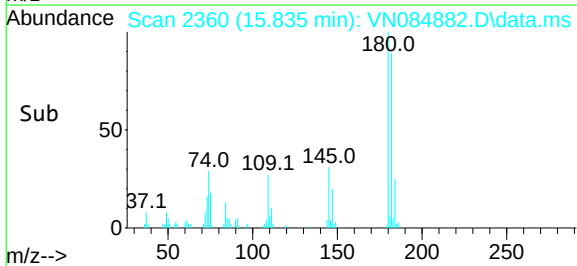
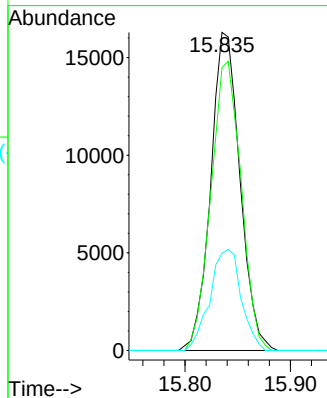
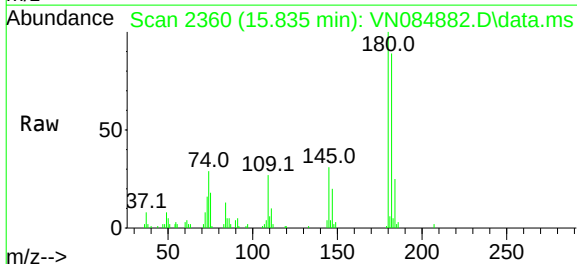
Tgt Ion:	180	Resp:	31390
Ion Ratio	Lower	Upper	
180	100		
182	93.7	73.0	109.6
145	34.0	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2024

Supervised By :Mahesh Dadoda 11/18/2024



#90

Hexachlorobutadiene

Concen: 18.234 ug/l

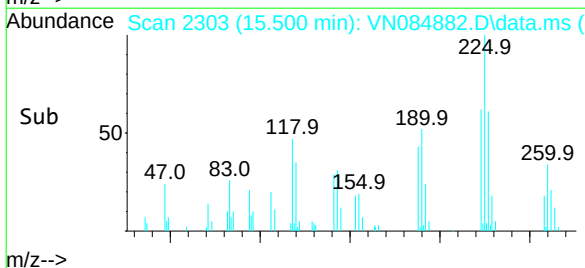
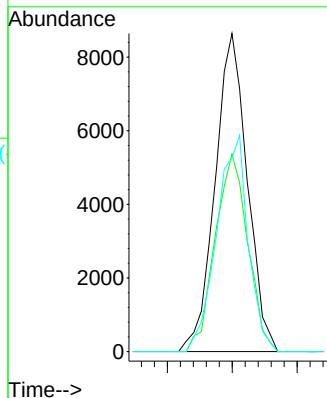
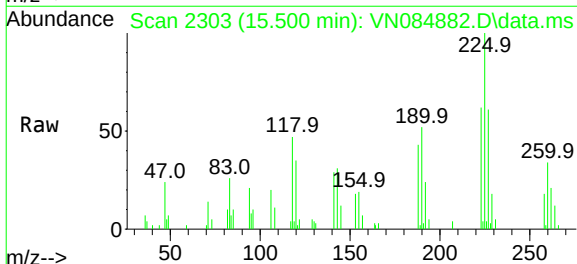
RT: 15.500 min Scan# 2303

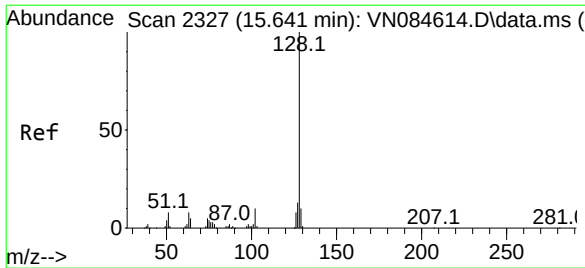
Delta R.T. 0.000 min

Lab File: VN084882.D

Acq: 15 Nov 2024 20:24

Tgt Ion:	225	Resp:	14899
Ion Ratio	Lower	Upper	
225	100		
223	62.9	0.0	138.8
227	66.3	0.0	123.2





#91

Naphthalene

Concen: 16.515 ug/l

RT: 15.635 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN084882.D

Acq: 15 Nov 2024 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

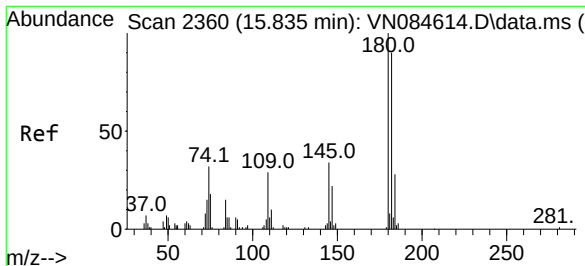
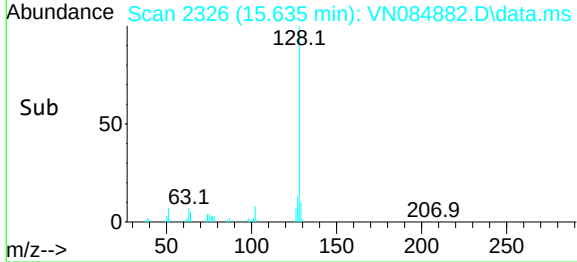
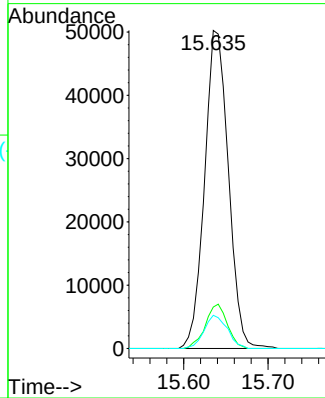
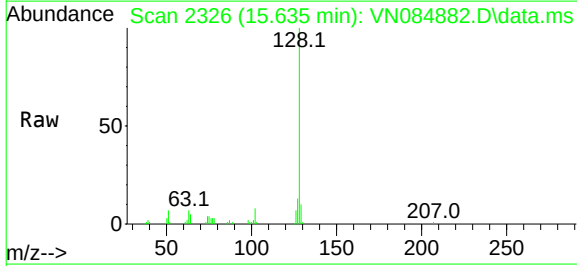
Tgt Ion:	128	Resp:	98655
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	10.2	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2024

Supervised By :Mahesh Dadoda 11/18/2024



#92

1,2,3-Trichlorobenzene

Concen: 16.781 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN084882.D

Acq: 15 Nov 2024 20:24

Tgt Ion:	180	Resp:	31390
Ion Ratio	Lower	Upper	
180	100		
182	93.7	0.0	182.6
145	34.0	0.0	66.2

