

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100924\
 Data File : VN084375.D
 Acq On : 09 Oct 2024 18:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/10/2024
 Supervised By : Mahesh Dadoda 10/10/2024

Quant Time: Oct 10 01:25:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	178954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	308730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	125253	47.206	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.420%		
35) Dibromofluoromethane	8.171	113	98285	48.289	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.580%		
50) Toluene-d8	10.565	98	368955	49.271	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.540%		
62) 4-Bromofluorobenzene	12.847	95	132169	48.448	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	87038	41.118	ug/l	91
3) Chloromethane	2.365	50	99992	41.371	ug/l	99
4) Vinyl Chloride	2.512	62	100165	42.784	ug/l	96
5) Bromomethane	2.947	94	59929	38.808	ug/l	97
6) Chloroethane	3.112	64	61583	36.729	ug/l	96
7) Trichlorofluoromethane	3.494	101	164867	45.223	ug/l	98
8) Diethyl Ether	3.959	74	61751	45.670	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	95543	45.738	ug/l	98
10) Methyl Iodide	4.583	142	116584	43.338	ug/l	100
11) Tert butyl alcohol	5.524	59	97265	222.314	ug/l	99
12) 1,1-Dichloroethene	4.341	96	90937	45.132	ug/l	97
13) Acrolein	4.183	56	119416	237.752	ug/l	97
14) Allyl chloride	5.024	41	148593	42.463	ug/l	99
15) Acrylonitrile	5.718	53	267574	242.183	ug/l	100
16) Acetone	4.424	43	239300	209.947	ug/l	97
17) Carbon Disulfide	4.712	76	243271	38.134	ug/l	100
18) Methyl Acetate	5.024	43	130739	52.626	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	326871	48.065	ug/l	100
20) Methylene Chloride	5.277	84	106460	45.947	ug/l	92
21) trans-1,2-Dichloroethene	5.788	96	96023	45.488	ug/l	96
22) Diisopropyl ether	6.677	45	352454	48.694	ug/l	98
23) Vinyl Acetate	6.606	43	1312670	244.513	ug/l	100
24) 1,1-Dichloroethane	6.571	63	188793	46.641	ug/l	99
25) 2-Butanone	7.482	43	356601	229.703	ug/l	100
26) 2,2-Dichloropropane	7.488	77	166624	45.655	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	119072	46.679	ug/l	98
28) Bromochloromethane	7.812	49	80760	44.717	ug/l	99
29) Tetrahydrofuran	7.835	42	231529	241.670	ug/l	99
30) Chloroform	7.965	83	197514	46.976	ug/l	97
31) Cyclohexane	8.253	56	159933	40.694	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	180081	47.689	ug/l	99
36) 1,1-Dichloropropene	8.371	75	134969	45.653	ug/l	99
37) Ethyl Acetate	7.559	43	146713	48.372	ug/l	100
38) Carbon Tetrachloride	8.365	117	152677	47.079	ug/l	98
39) Methylcyclohexane	9.600	83	148579	45.156	ug/l	99
40) Benzene	8.606	78	431146	46.807	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	82671	50.207	ug/l	99
42) 1,2-Dichloroethane	8.671	62	146008	46.757	ug/l	100
43) Isopropyl Acetate	8.688	43	262095	44.118	ug/l	99
44) Trichloroethene	9.353	130	97748	45.436	ug/l	97
45) 1,2-Dichloropropane	9.618	63	108184	49.648	ug/l	98
46) Dibromomethane	9.706	93	74232	50.482	ug/l	98
47) Bromodichloromethane	9.888	83	160199	49.036	ug/l	98
48) Methyl methacrylate	9.682	41	117773	49.801	ug/l	99
49) 1,4-Dioxane	9.694	88	41040	942.637	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	739780	256.218	ug/l	100
52) Toluene	10.629	92	272269	48.473	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	163030	48.956	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	174827	48.807	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	101164	50.240	ug/l	96
56) Ethyl methacrylate	10.876	69	168888	50.972	ug/l	99
57) 1,3-Dichloropropane	11.165	76	174466	48.489	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	382959	249.155	ug/l	99
59) 2-Hexanone	11.194	43	548683	254.254	ug/l	99
60) Dibromochloromethane	11.359	129	120666	50.718	ug/l	100
61) 1,2-Dibromoethane	11.470	107	100909	48.228	ug/l	100
64) Tetrachloroethene	11.106	164	81832	43.024	ug/l	96
65) Chlorobenzene	11.888	112	287305	47.451	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	101586	48.711	ug/l	99
67) Ethyl Benzene	11.964	91	516490	48.236	ug/l	99
68) m/p-Xylenes	12.070	106	388252	98.023	ug/l	99
69) o-Xylene	12.394	106	187363	49.998	ug/l	97
70) Styrene	12.412	104	323158	50.912	ug/l	99
71) Bromoform	12.576	173	78057	50.838	ug/l #	98
73) Isopropylbenzene	12.694	105	481052	46.667	ug/l	100
74) N-amyl acetate	12.494	43	224197	48.029	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	148903	48.039	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	125071m	45.351	ug/l	
77) Bromobenzene	12.976	156	113809	45.771	ug/l	98
78) n-propylbenzene	13.035	91	576895	48.303	ug/l	100
79) 2-Chlorotoluene	13.123	91	352322	46.230	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	409170	48.661	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	53737	46.715	ug/l	98
82) 4-Chlorotoluene	13.217	91	357710	46.626	ug/l	100
83) tert-Butylbenzene	13.435	119	349132	46.715	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	415858	49.094	ug/l	99
85) sec-Butylbenzene	13.617	105	481591	48.290	ug/l	99
86) p-Isopropyltoluene	13.729	119	401948	48.740	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	211311	45.301	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	212198	45.047	ug/l	100
89) n-Butylbenzene	14.053	91	347685	46.495	ug/l	99
90) Hexachloroethane	14.329	117	76452	45.672	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	210136	45.943	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30027	46.944	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	104113	46.213	ug/l	100
94) Hexachlorobutadiene	15.500	225	45580	40.570	ug/l	98
95) Naphthalene	15.641	128	456589	61.134	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	102467	45.437	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

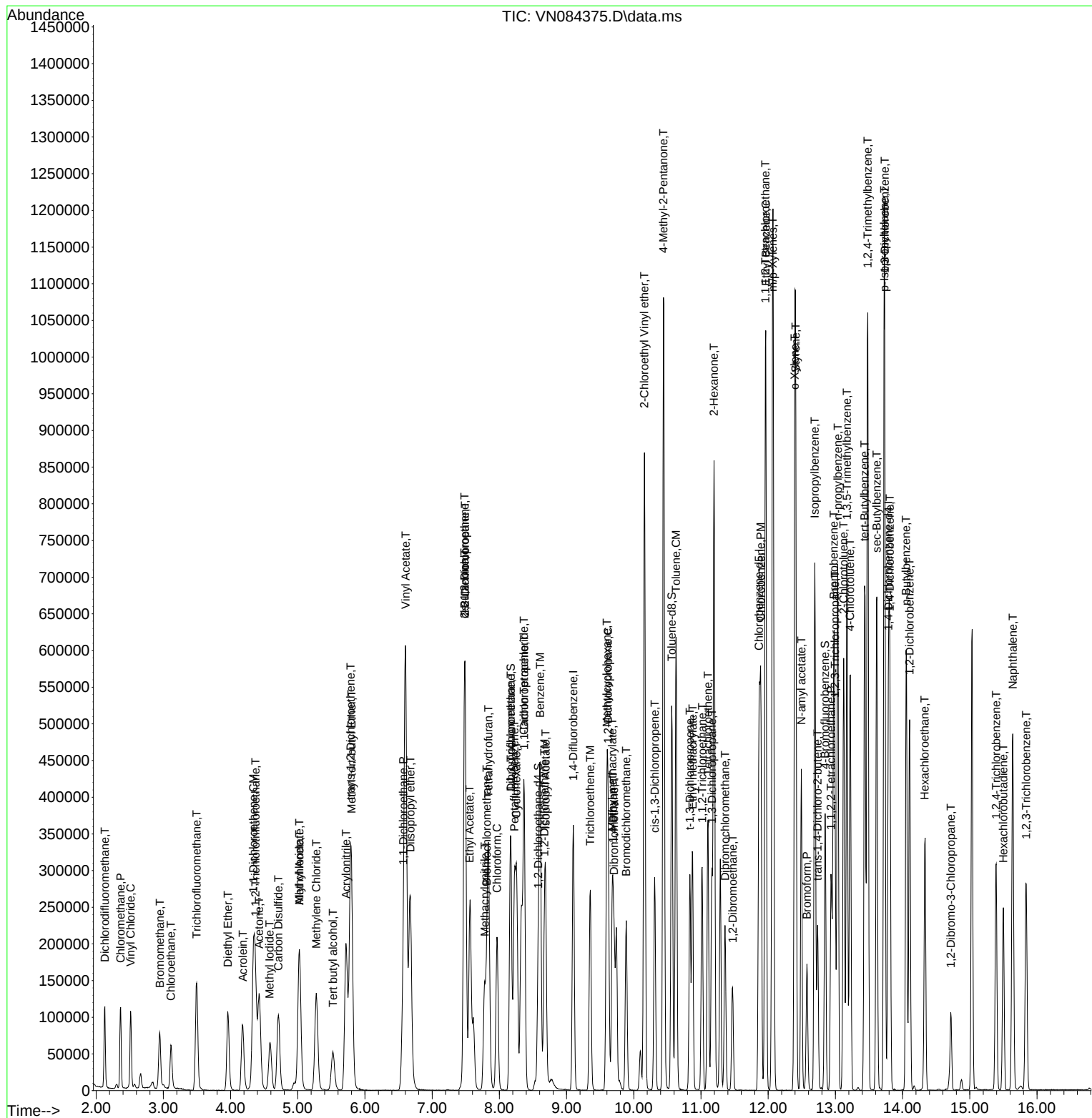
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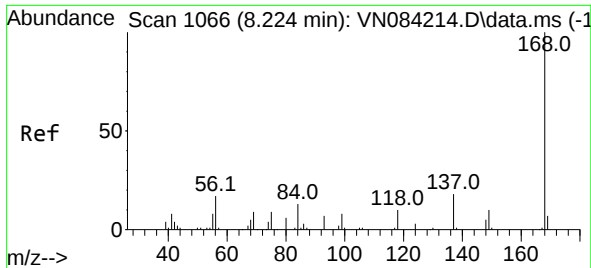
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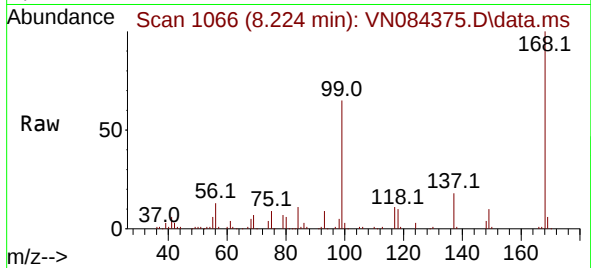
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084375.D
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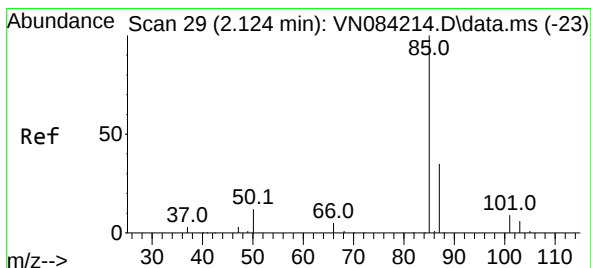
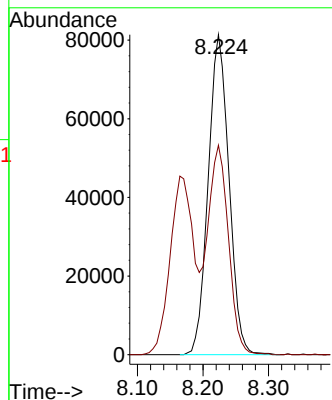
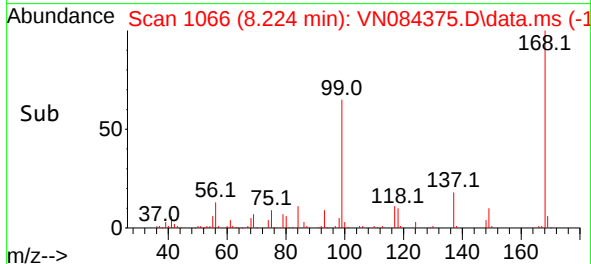
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VSTDCCC050EC



Tgt Ion:168 Resp: 178954
Ion Ratio Lower Upper
168 100
99 65.4 54.2 81.2

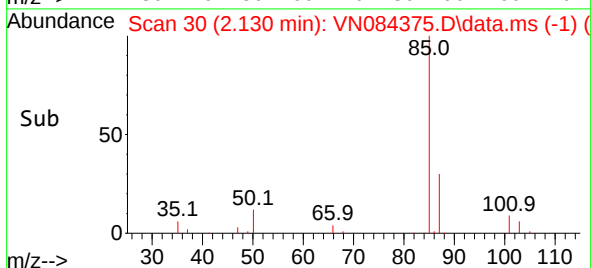
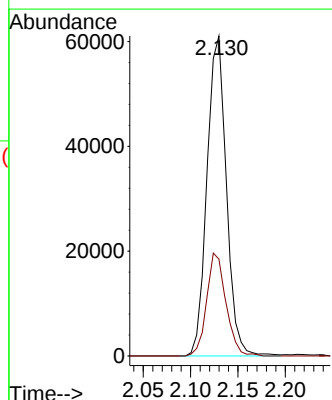
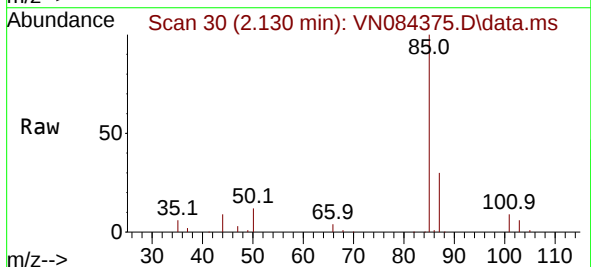
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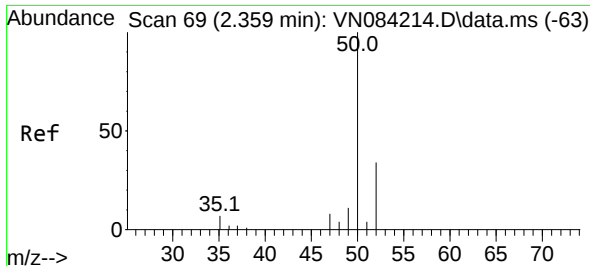
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#2
Dichlorodifluoromethane
Concen: 41.118 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

Tgt Ion: 85 Resp: 87038
Ion Ratio Lower Upper
85 100
87 30.3 17.6 52.9





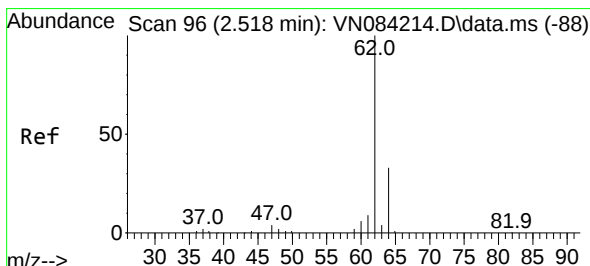
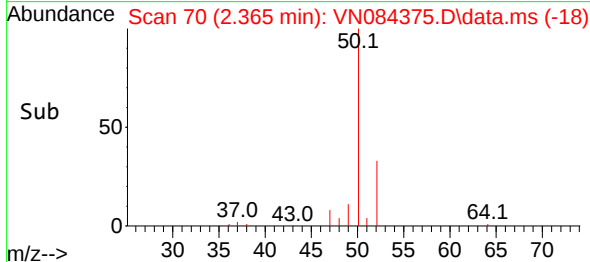
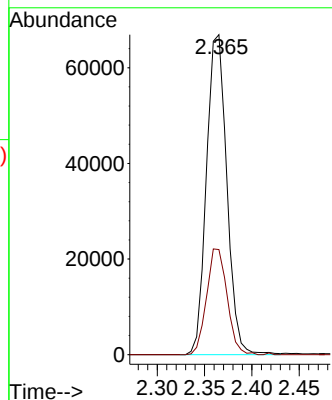
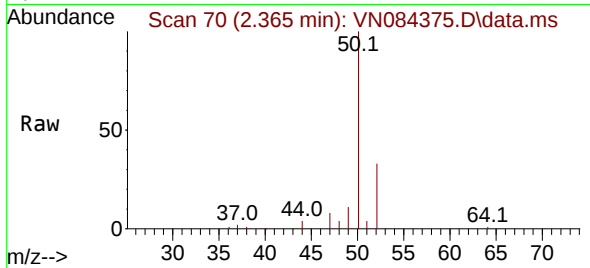
#3
Chloromethane
Concen: 41.371 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 99992
Ion Ratio Lower Upper
50 100
52 32.9 26.8 40.2

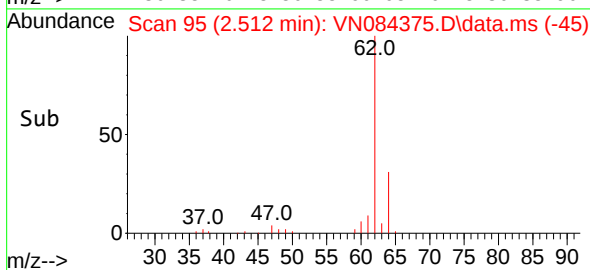
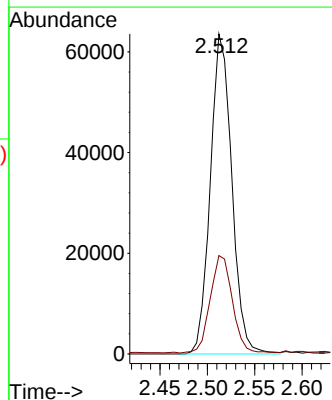
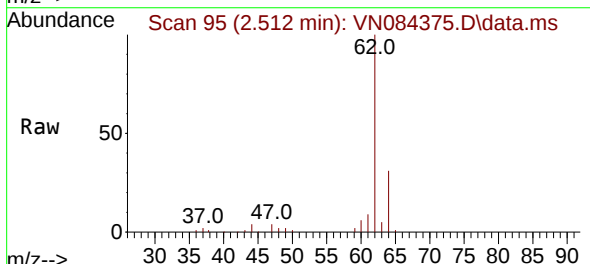
Manual Integrations
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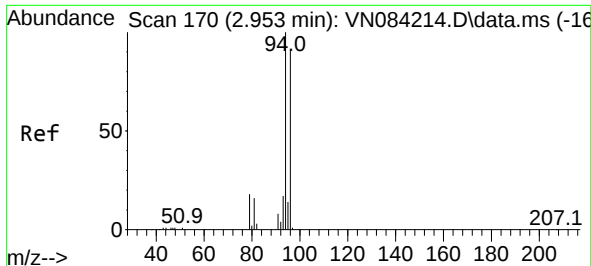
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#4
Vinyl Chloride
Concen: 42.784 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

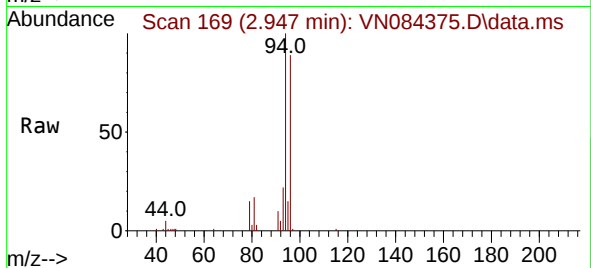
Tgt Ion: 62 Resp: 100165
Ion Ratio Lower Upper
62 100
64 30.4 26.2 39.4





#5
Bromomethane
Concen: 38.808 ug/l
RT: 2.947 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN084375.D
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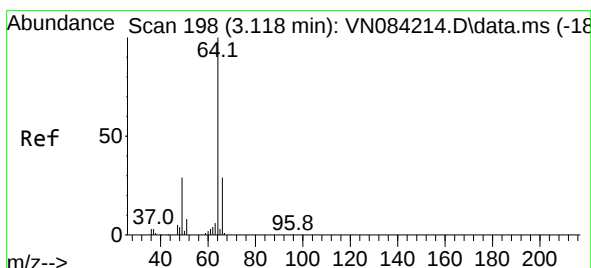
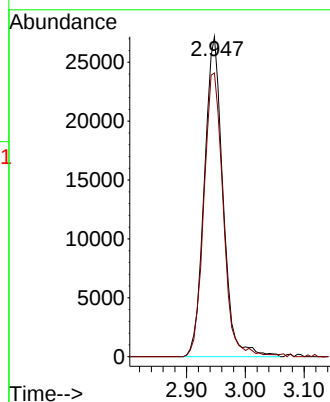
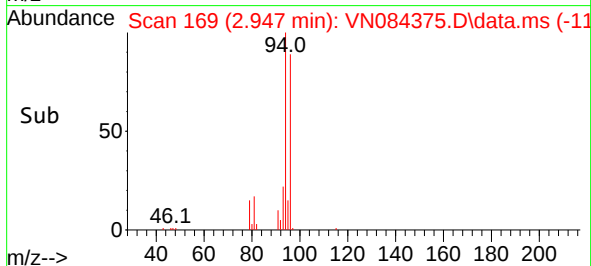
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Tgt Ion: 94 Resp: 59929
Ion Ratio Lower Upper
94 100
96 88.6 72.9 109.3

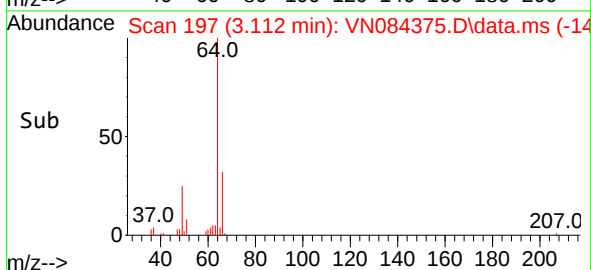
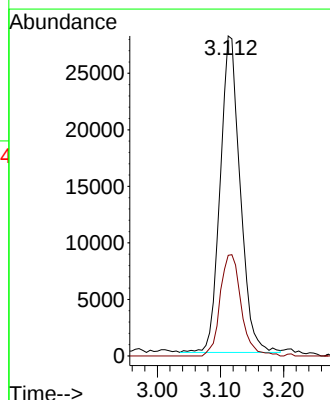
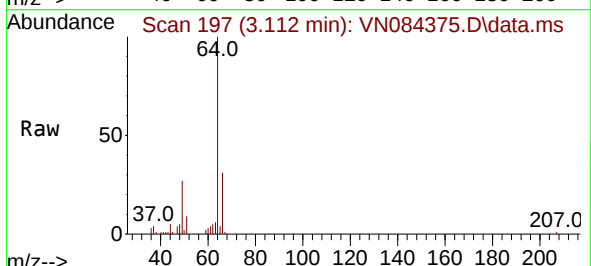
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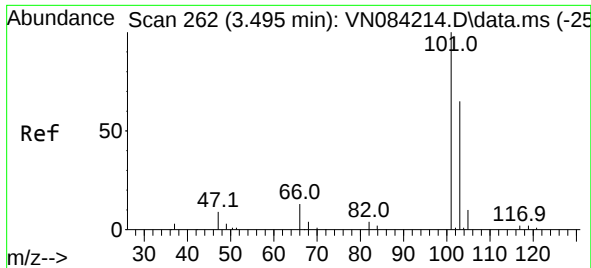
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#6
Chloroethane
Concen: 36.729 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

Tgt Ion: 64 Resp: 61583
Ion Ratio Lower Upper
64 100
66 31.8 23.5 35.3





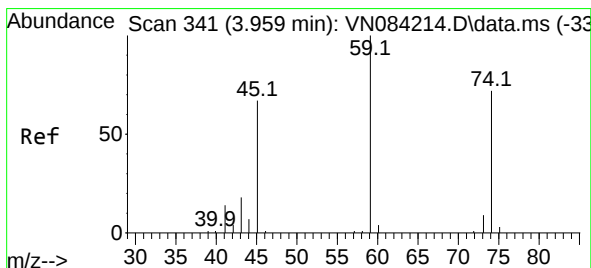
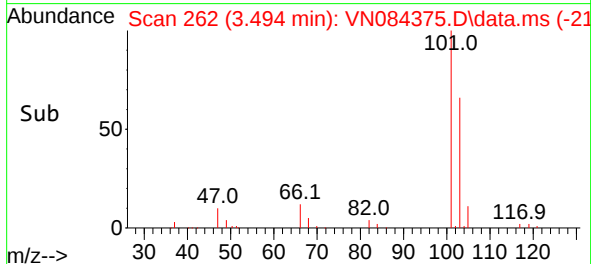
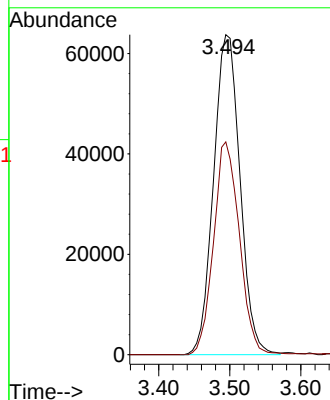
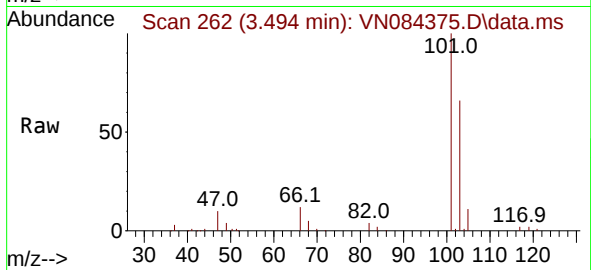
#7
Trichlorofluoromethane
Concen: 45.223 ug/l
RT: 3.494 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN084375.D
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Tgt Ion:101 Resp: 16486
Ion Ratio Lower Upper
101 100
103 66.5 51.8 77.6

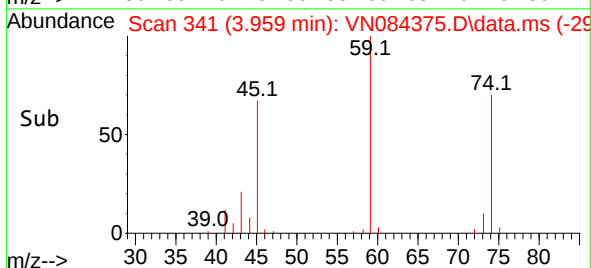
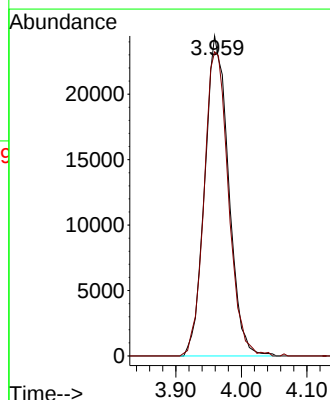
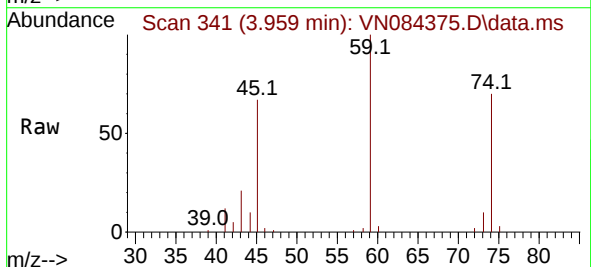
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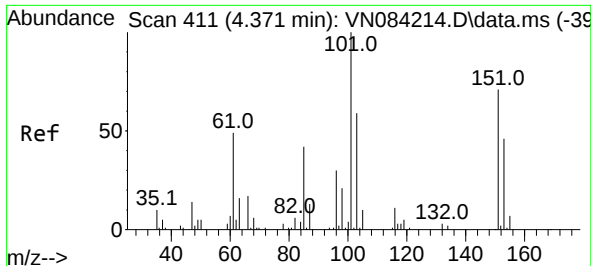
Reviewed By :John Carlone 10/10/2024
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#8
Diethyl Ether
Concen: 45.670 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

Tgt Ion: 74 Resp: 61751
Ion Ratio Lower Upper
74 100
45 97.2 47.7 143.1





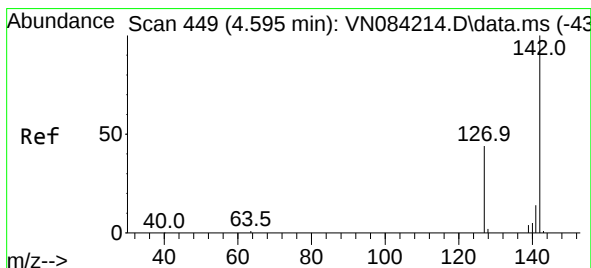
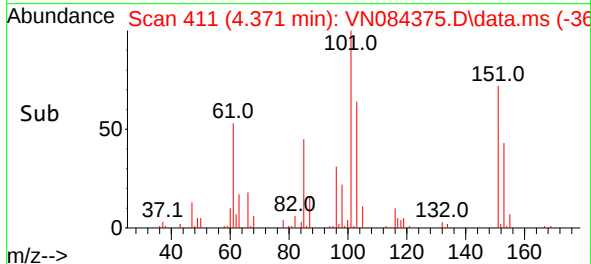
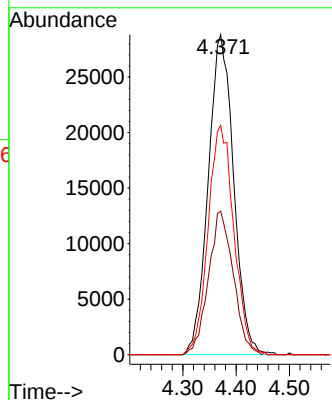
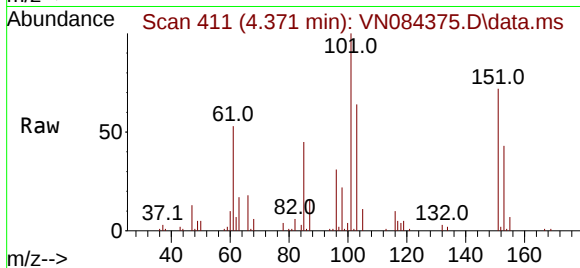
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.738 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 9554
Ion Ratio Lower Upper
101 100
85 43.8 36.2 54.4
151 72.5 59.3 88.9

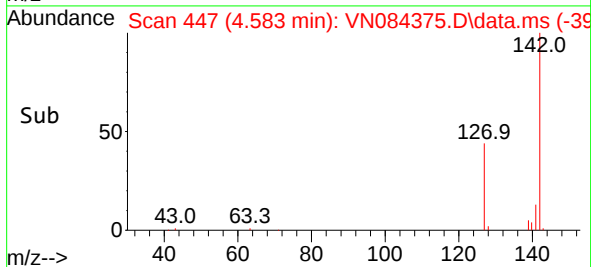
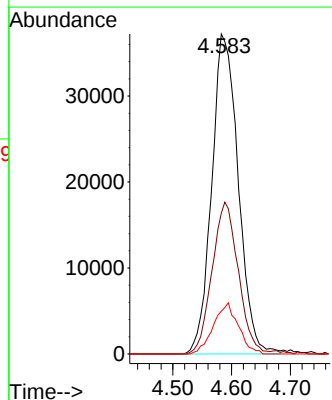
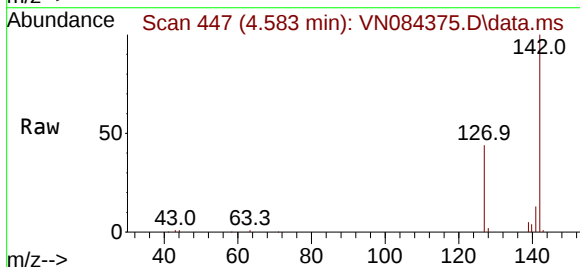
Manual Integrations
APPROVED

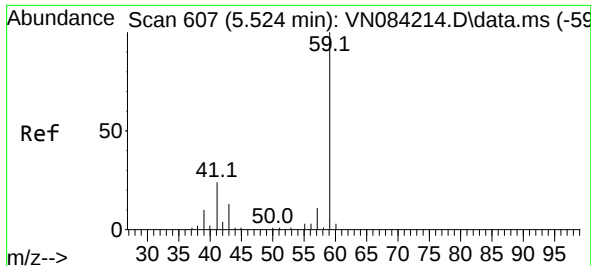
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#10
Methyl Iodide
Concen: 43.338 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

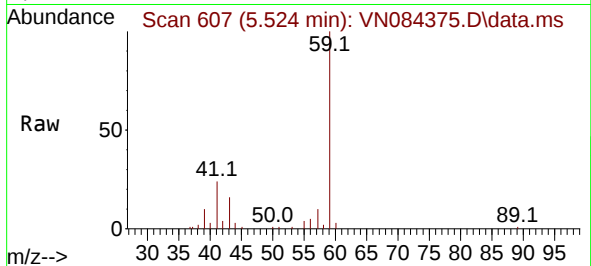
Tgt Ion:142 Resp: 116584
Ion Ratio Lower Upper
142 100
127 44.0 35.3 52.9
141 13.3 11.0 16.6





#11
Tert butyl alcohol
Concen: 222.314 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

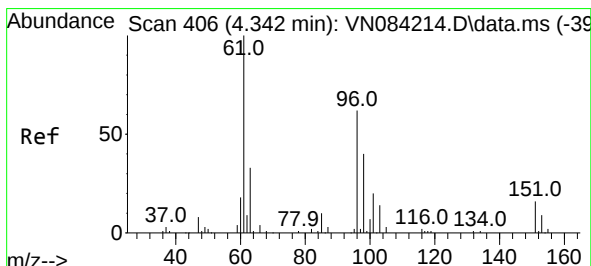
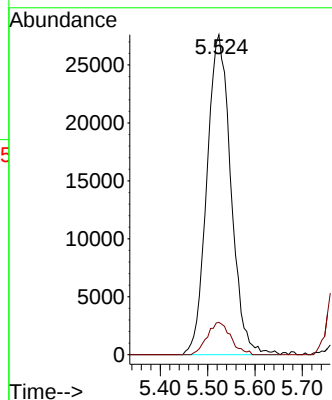
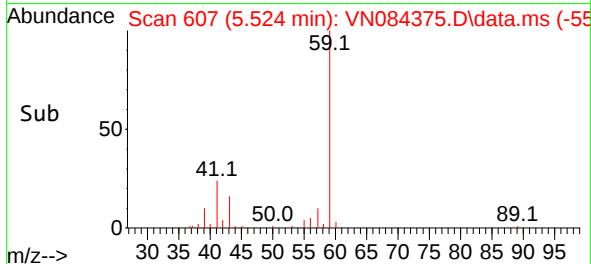
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



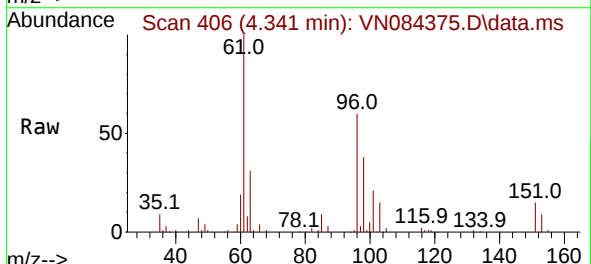
Tgt Ion: 59 Resp: 9726
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2

Manual Integrations
APPROVED

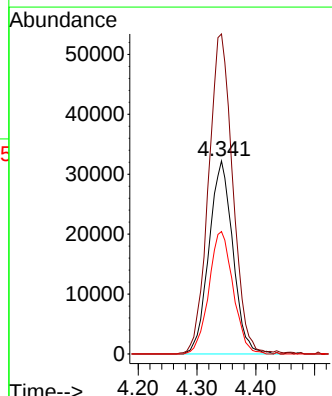
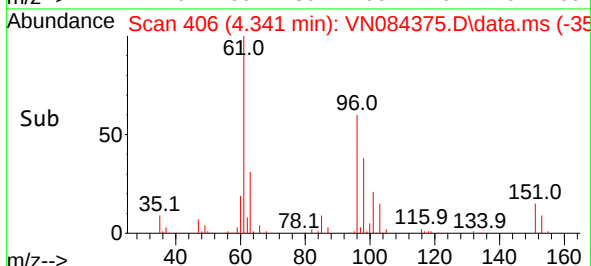
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024

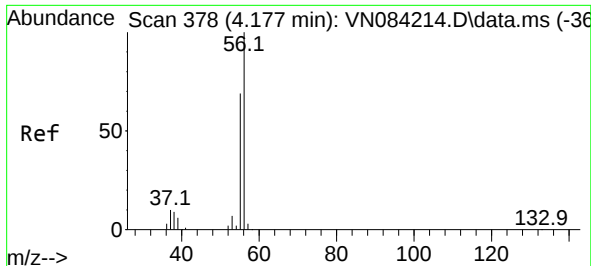


#12
1,1-Dichloroethene
Concen: 45.132 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20



Tgt Ion: 96 Resp: 90937
Ion Ratio Lower Upper
96 100
61 165.4 128.6 192.8
98 63.4 51.7 77.5





#13

Acrolein

Concen: 237.752 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN084375.D

Acq: 09 Oct 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 119410

Ion Ratio Lower Upper

56 100

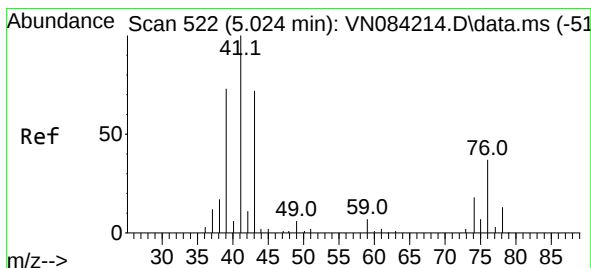
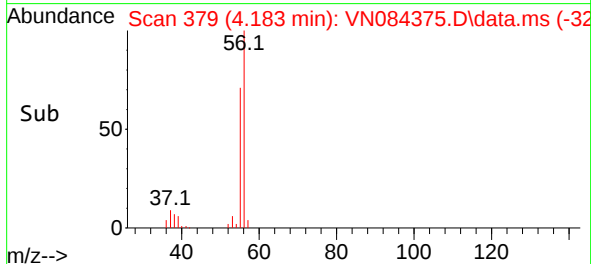
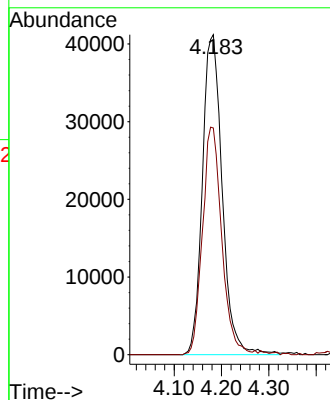
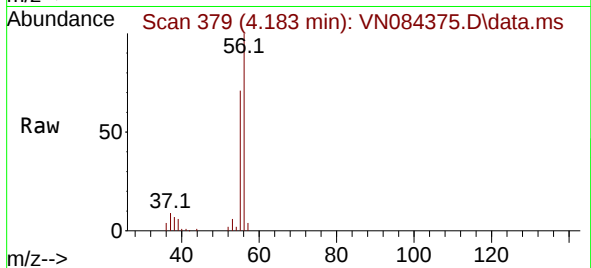
55 69.1 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2024

Supervised By :Mahesh Dadoda 10/10/2024



#14

Allyl chloride

Concen: 42.463 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN084375.D

Acq: 09 Oct 2024 18:20

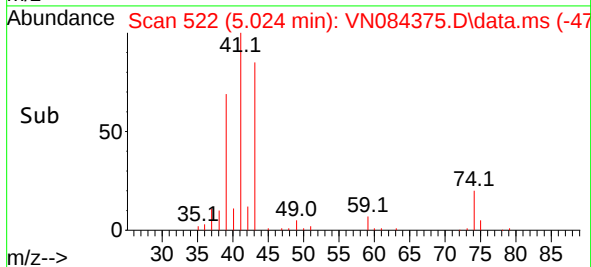
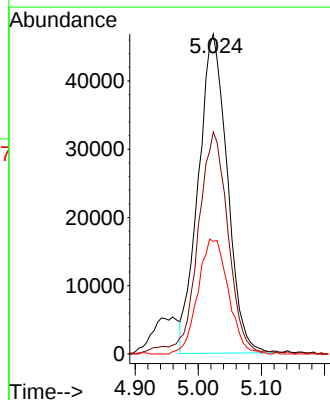
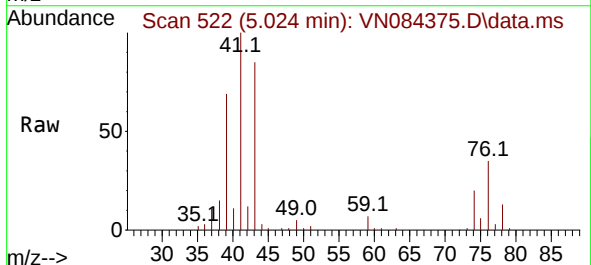
Tgt Ion: 41 Resp: 148593

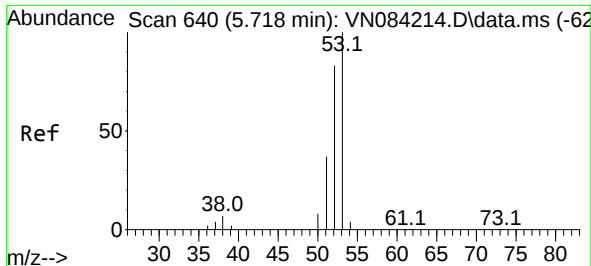
Ion Ratio Lower Upper

41 100

39 73.2 59.0 88.6

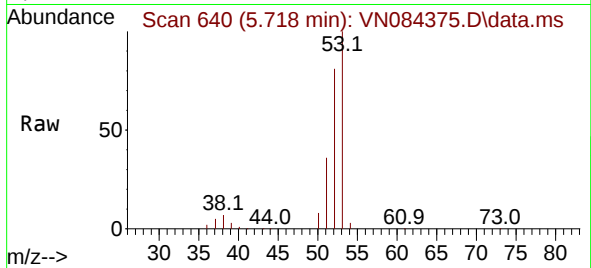
76 37.8 29.8 44.6





#15
Acrylonitrile
Concen: 242.183 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

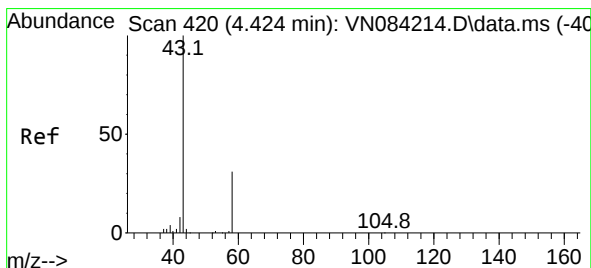
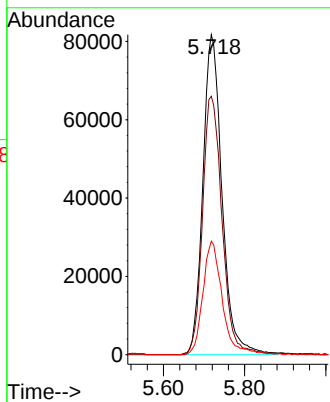
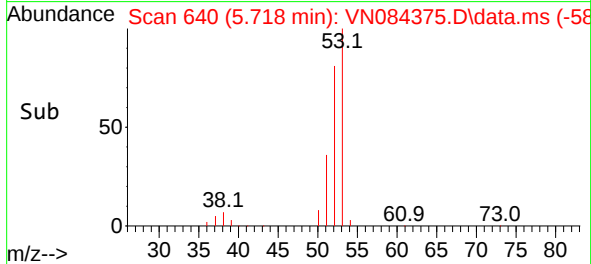
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



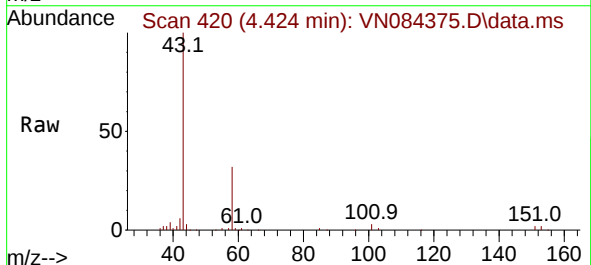
Tgt Ion: 53 Resp: 267574
Ion Ratio Lower Upper
53 100
52 82.4 66.2 99.4
51 35.7 28.8 43.2

Manual Integrations
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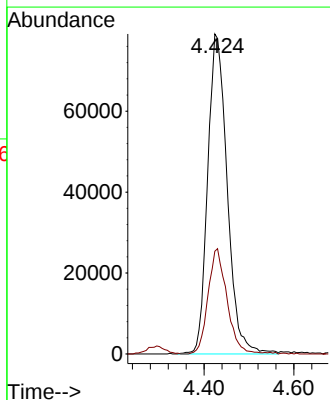
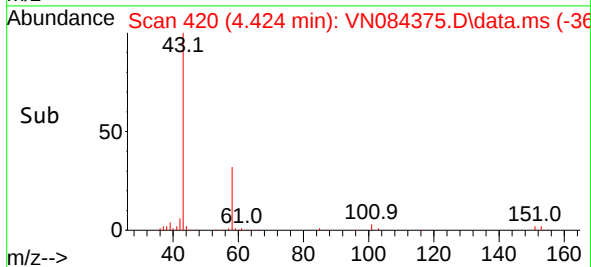
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024

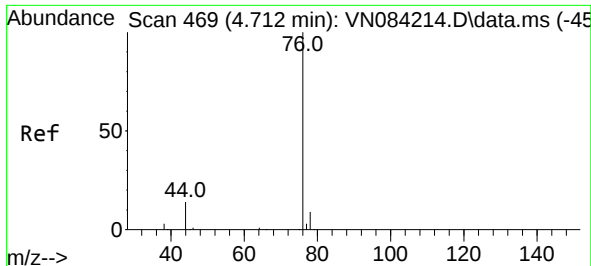


#16
Acetone
Concen: 209.947 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20



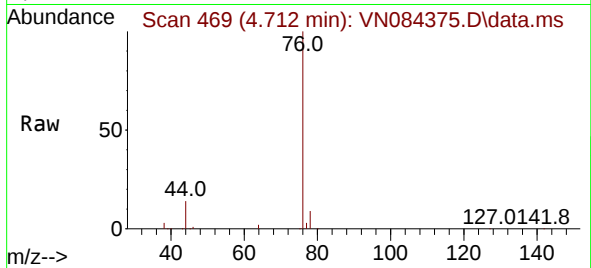
Tgt Ion: 43 Resp: 239300
Ion Ratio Lower Upper
43 100
58 32.1 24.4 36.6





#17
Carbon Disulfide
Concen: 38.134 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

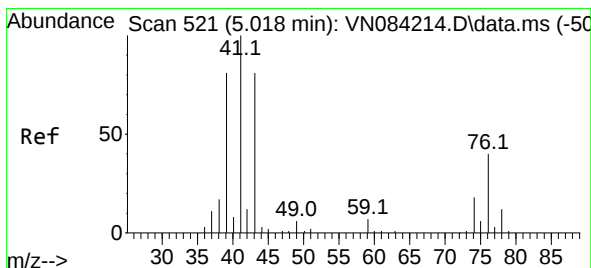
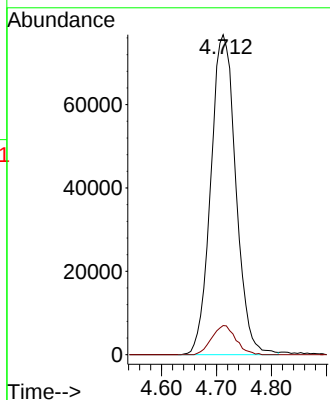
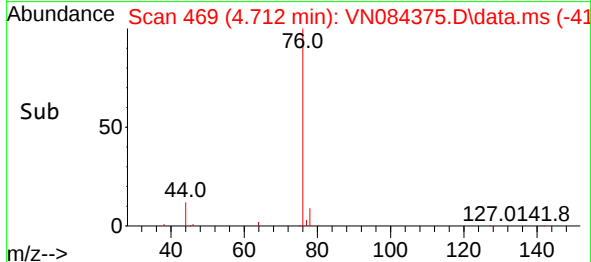
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



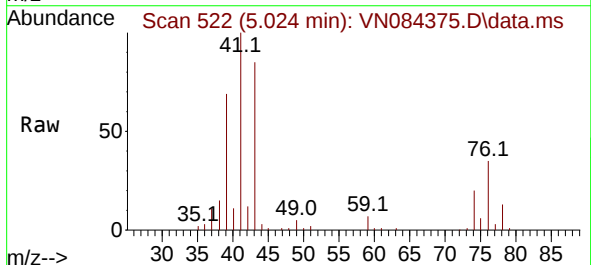
Tgt Ion: 76 Resp: 24327
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

Manual Integrations
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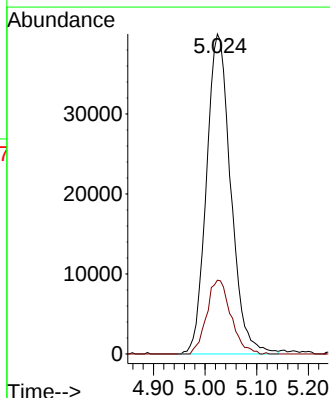
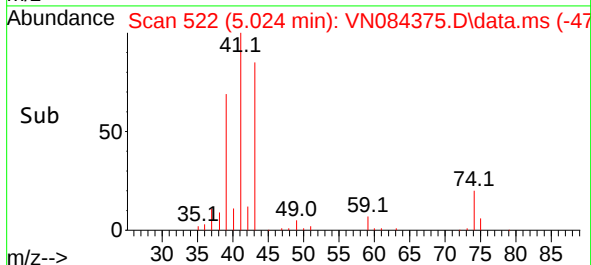
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024

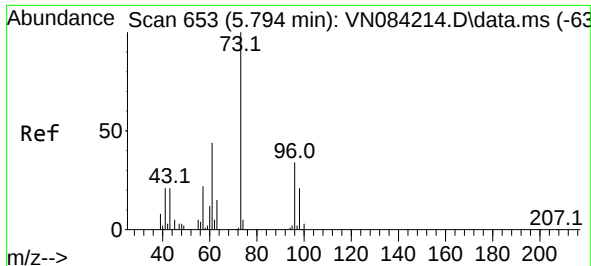


#18
Methyl Acetate
Concen: 52.626 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20



Tgt Ion: 43 Resp: 130739
Ion Ratio Lower Upper
43 100
74 22.9 19.2 28.8





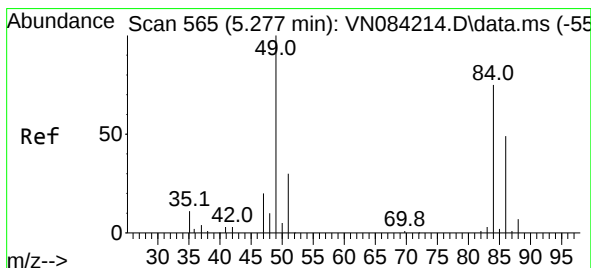
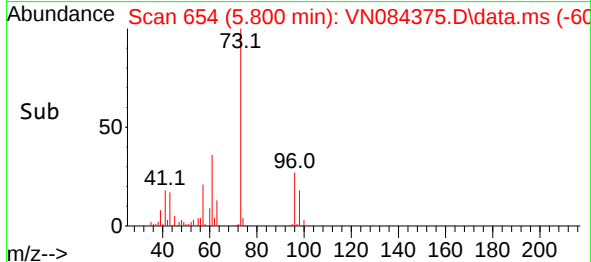
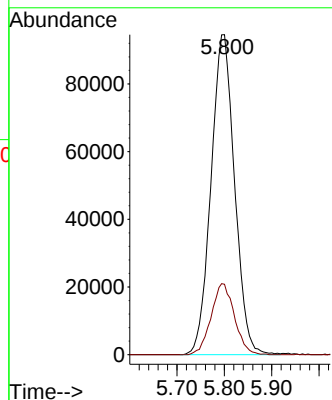
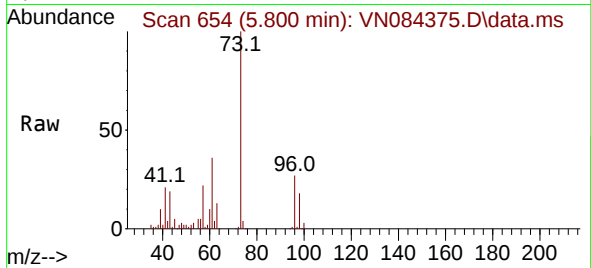
#19
Methyl tert-butyl Ether
Concen: 48.065 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 32687
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5

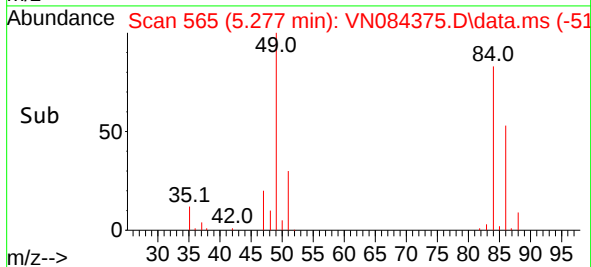
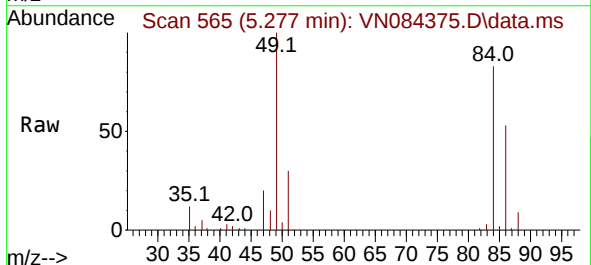
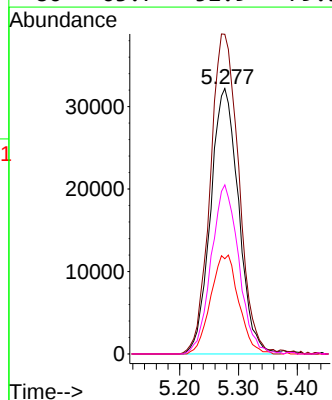
Manual Integrations
APPROVED

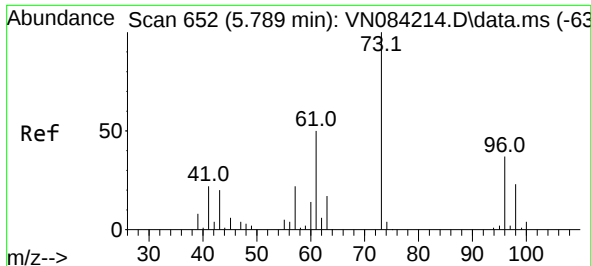
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#20
Methylene Chloride
Concen: 45.947 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

Tgt Ion: 84 Resp: 106460
Ion Ratio Lower Upper
84 100
49 120.5 107.2 160.8
51 35.9 31.8 47.8
86 63.7 52.9 79.3





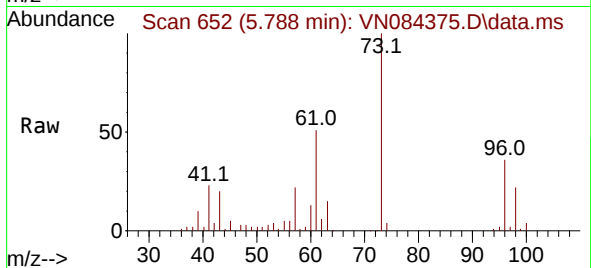
#21
trans-1,2-Dichloroethene
Concen: 45.488 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



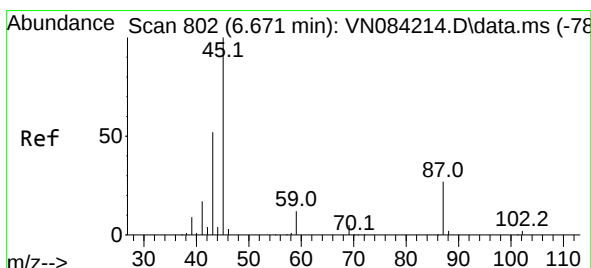
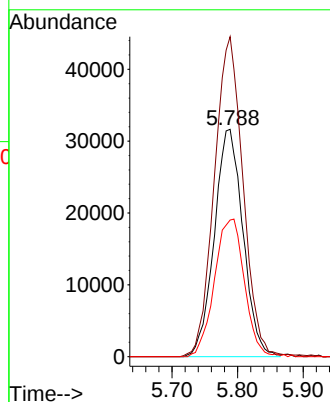
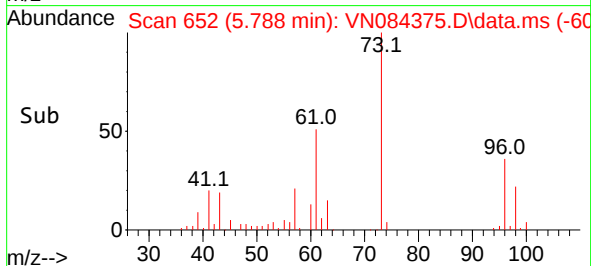
Tgt Ion: 96 Resp: 9602
Ion Ratio Lower Upper
96 100
61 140.7 108.4 162.6
98 60.1 49.8 74.8

Manual Integrations

APPROVED

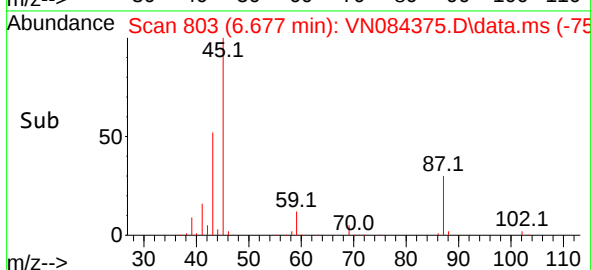
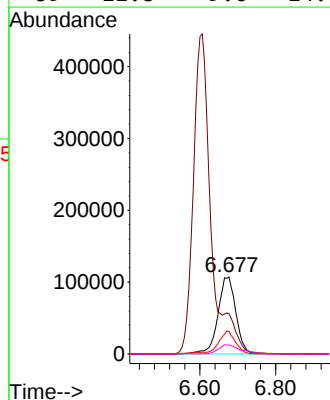
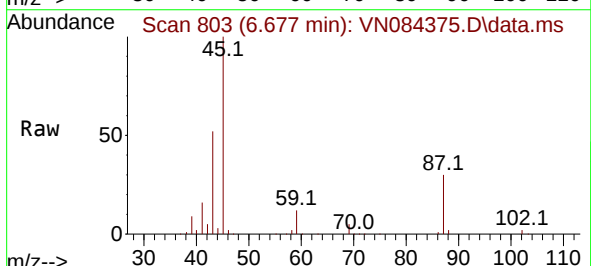
Reviewed By :John Carlone 10/10/2024

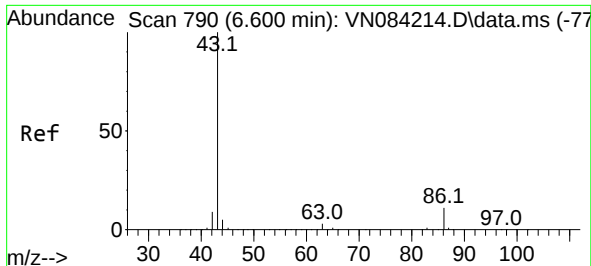
Supervised By :Mahesh Dadoda 10/10/2024



#22
Diisopropyl ether
Concen: 48.694 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

Tgt Ion: 45 Resp: 352454
Ion Ratio Lower Upper
45 100
43 51.8 42.3 63.5
87 29.5 21.8 32.6
59 11.8 9.6 14.4





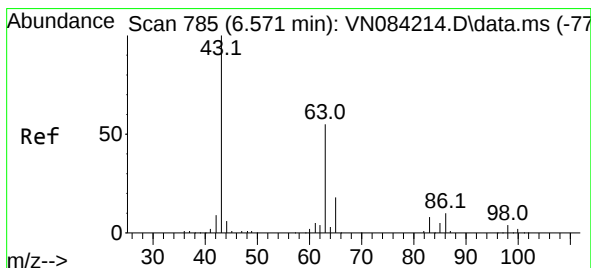
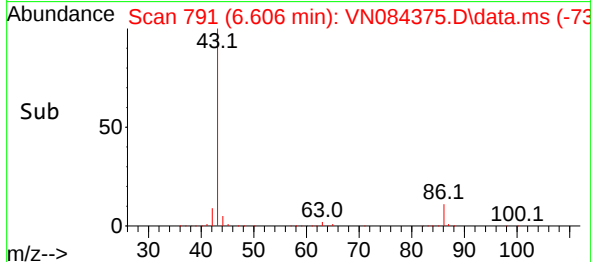
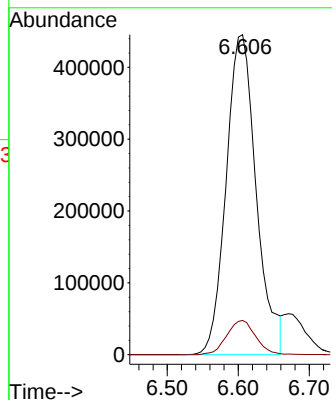
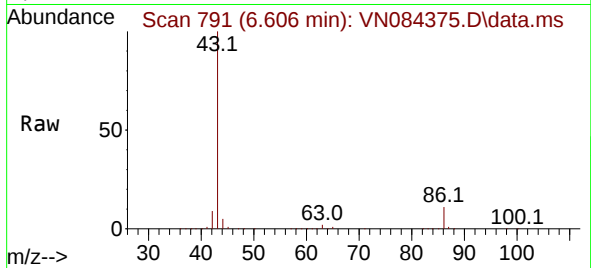
#23
 Vinyl Acetate
 Concen: 244.513 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN084375.D
 Acq: 09 Oct 2024 18:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1312670
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8

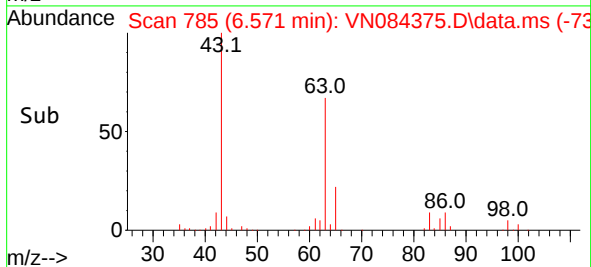
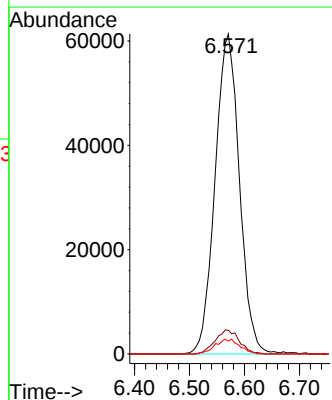
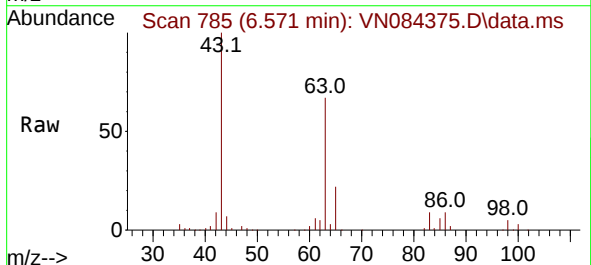
Manual Integrations
 APPROVED

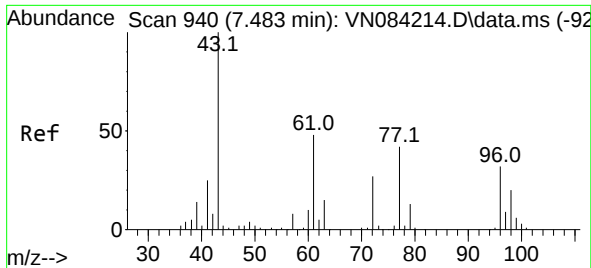
Reviewed By :John Carlone 10/10/2024
 Supervised By :Mahesh Dadoda 10/10/2024



#24
 1,1-Dichloroethane
 Concen: 46.641 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN084375.D
 Acq: 09 Oct 2024 18:20

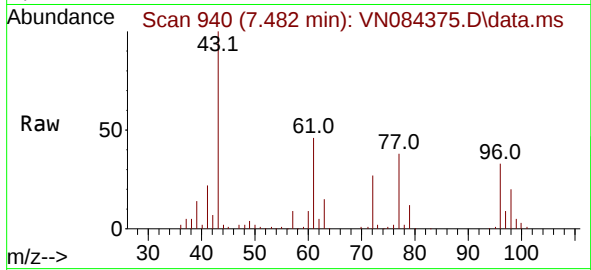
Tgt Ion: 63 Resp: 188793
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.2
 100 4.0 2.0 5.8





#25
2-Butanone
Concen: 229.703 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

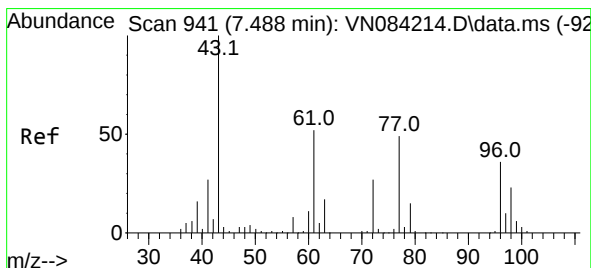
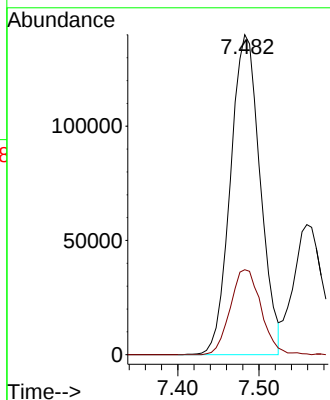
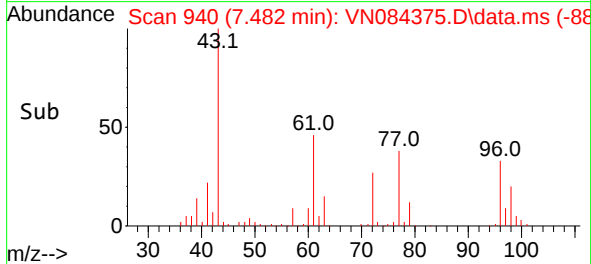
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



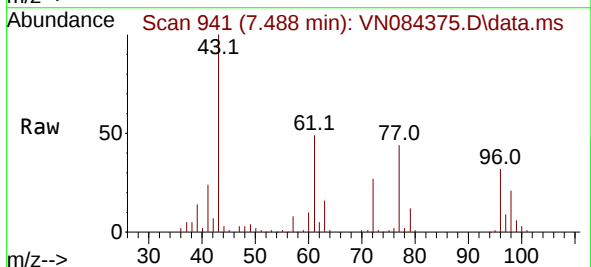
Tgt Ion: 43 Resp: 35660
Ion Ratio Lower Upper
43 100
72 26.5 21.4 32.2

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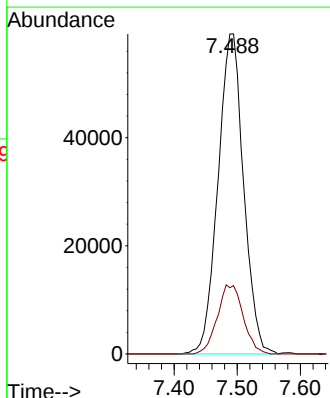
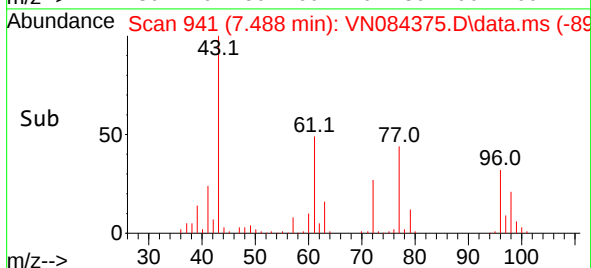
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024

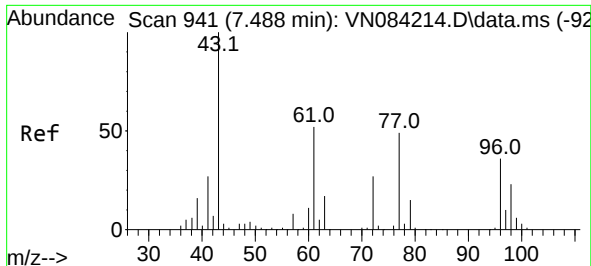


#26
2,2-Dichloropropane
Concen: 45.655 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20



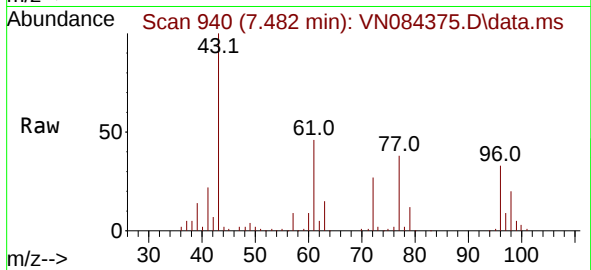
Tgt Ion: 77 Resp: 166624
Ion Ratio Lower Upper
77 100
97 21.8 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 46.679 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN084375.D
 Acq: 09 Oct 2024 18:20

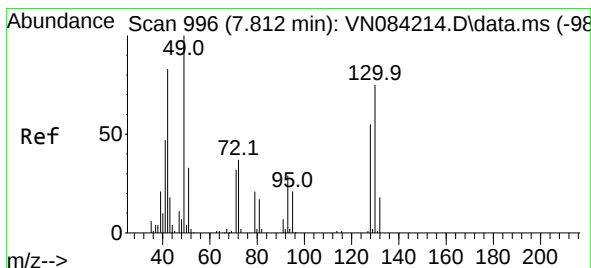
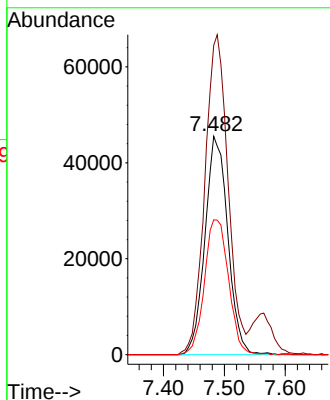
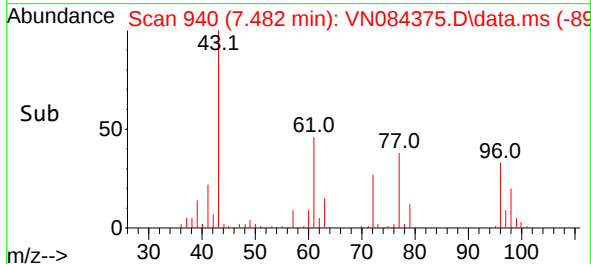
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 119072
 Ion Ratio Lower Upper
 96 100
 61 147.6 0.0 301.8
 98 65.2 0.0 128.2

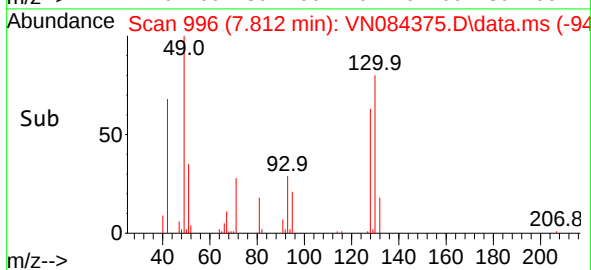
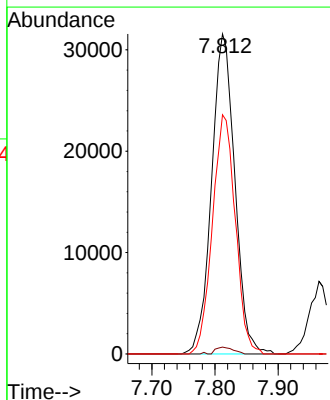
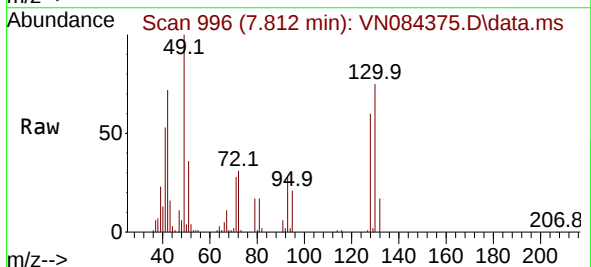
Manual Integrations
 APPROVED

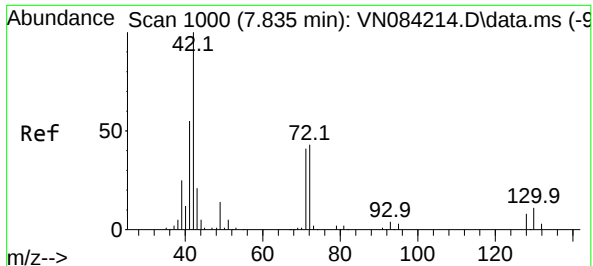
Reviewed By :John Carlone 10/10/2024
 Supervised By :Mahesh Dadoda 10/10/2024



#28
 Bromochloromethane
 Concen: 44.717 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN084375.D
 Acq: 09 Oct 2024 18:20

Tgt Ion: 49 Resp: 80760
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 73.5 58.0 87.0





#29

Tetrahydrofuran

Concen: 241.670 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN084375.D

Acq: 09 Oct 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 231529

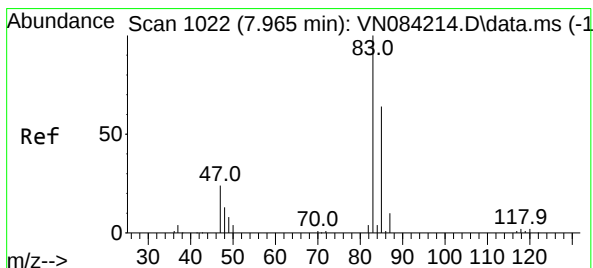
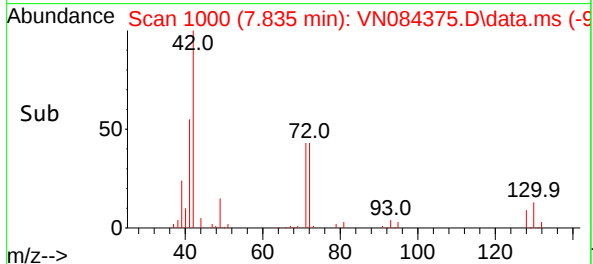
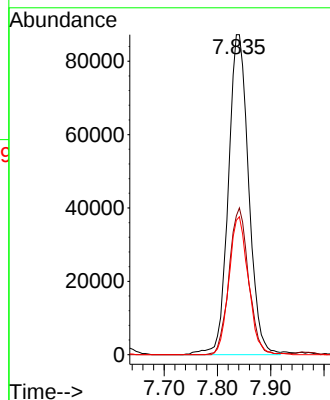
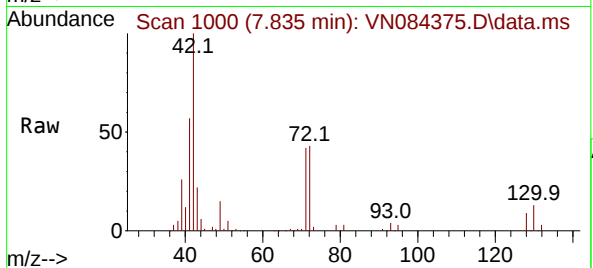
Ion	Ratio	Lower	Upper
42	100		
72	44.1	34.6	51.8
71	41.0	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2024

Supervised By :Mahesh Dadoda 10/10/2024



#30

Chloroform

Concen: 46.976 ug/l

RT: 7.965 min Scan# 1022

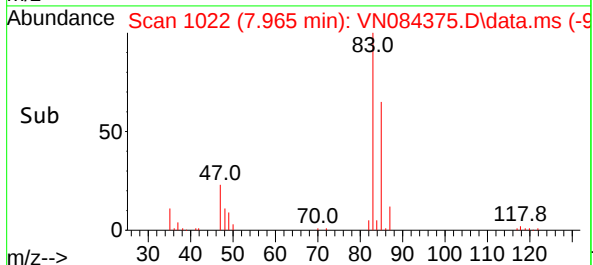
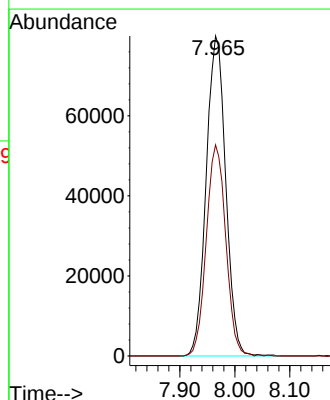
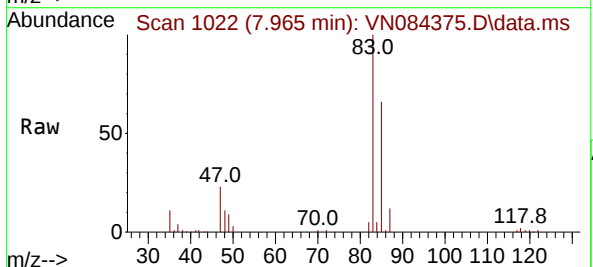
Delta R.T. -0.000 min

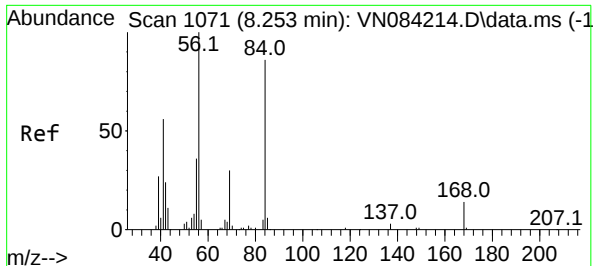
Lab File: VN084375.D

Acq: 09 Oct 2024 18:20

Tgt Ion: 83 Resp: 197514

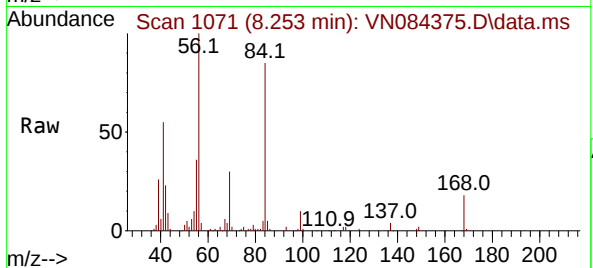
Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.0	76.4





#31
Cyclohexane
Concen: 40.694 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

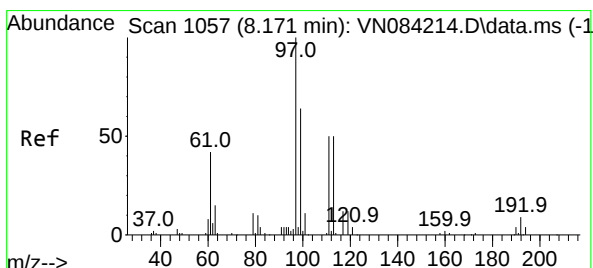
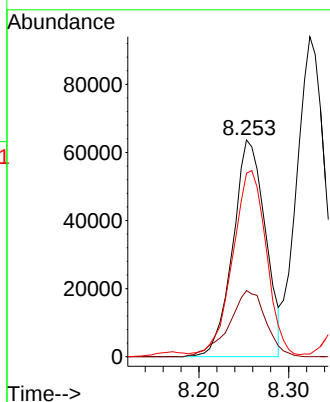
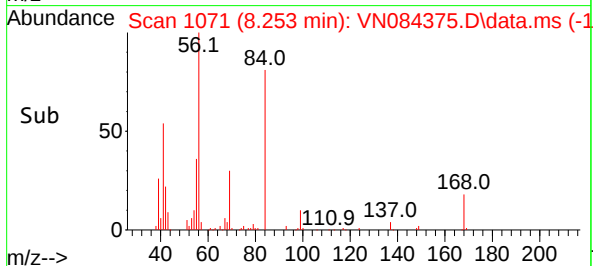
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



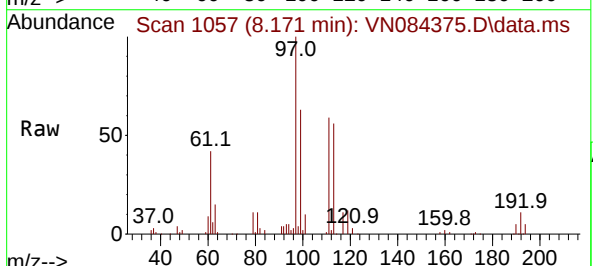
Tgt Ion: 56 Resp: 15993
Ion Ratio Lower Upper
56 100
69 30.5 23.8 35.6
84 82.8 68.8 103.2

Manual Integrations
APPROVED

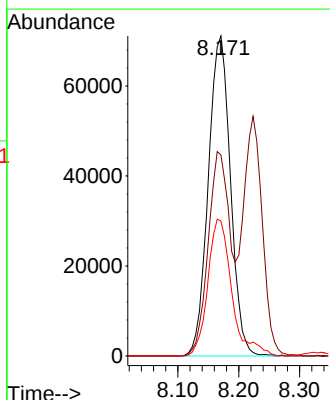
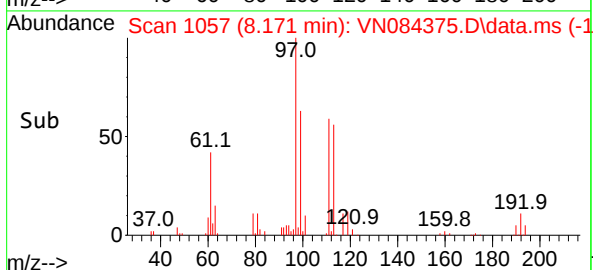
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024

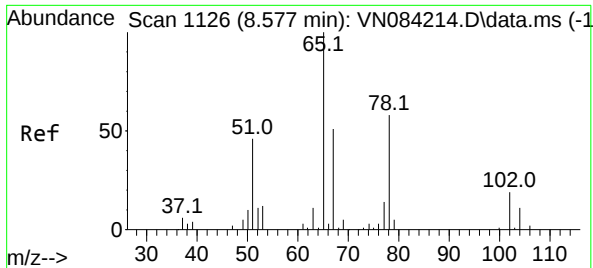


#32
1,1,1-Trichloroethane
Concen: 47.689 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20



Tgt Ion: 97 Resp: 180081
Ion Ratio Lower Upper
97 100
99 63.0 51.2 76.8
61 46.1 37.5 56.3





#33
1,2-Dichloroethane-d4
Concen: 47.206 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

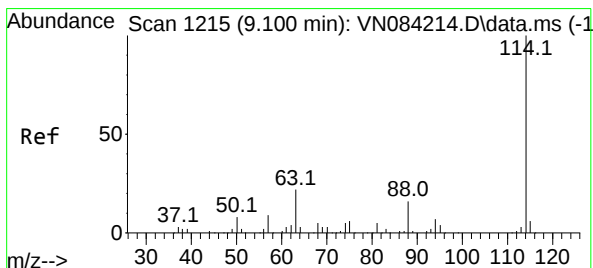
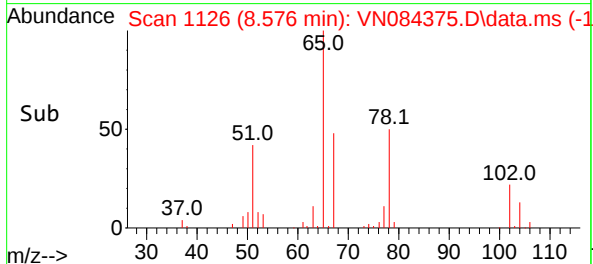
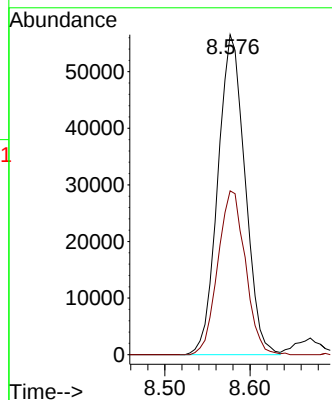
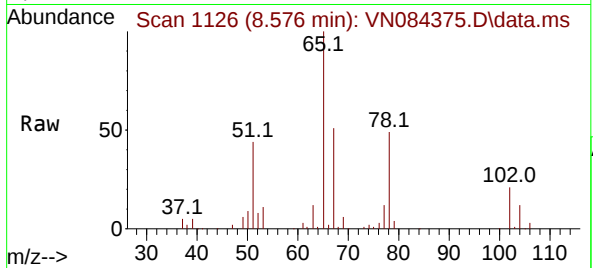
VSTDCCC050EC

Tgt Ion: 65 Resp: 12525
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.0

Manual Integrations

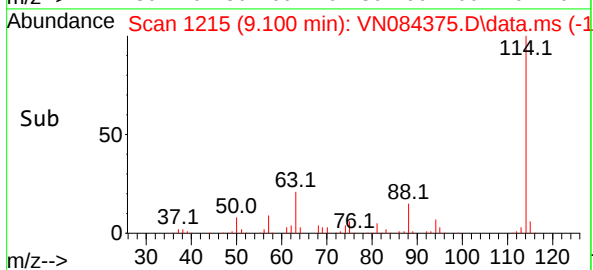
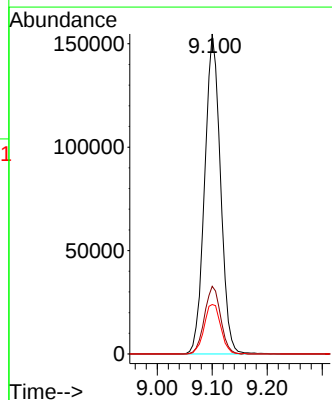
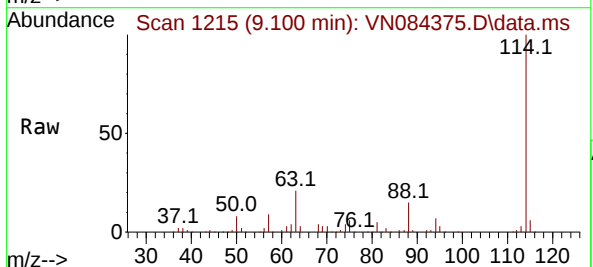
APPROVED

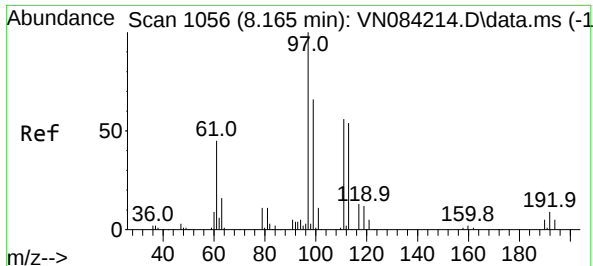
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

Tgt Ion:114 Resp: 308730
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.8
88 15.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.289 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN084375.D

Acq: 09 Oct 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 9828

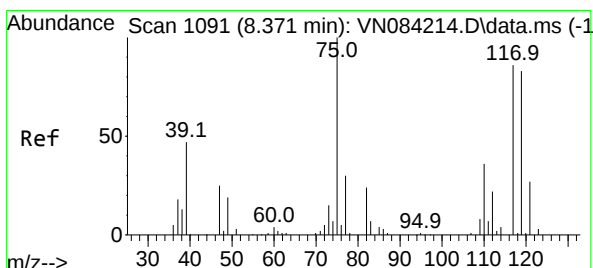
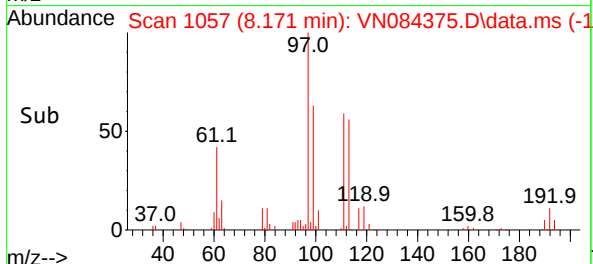
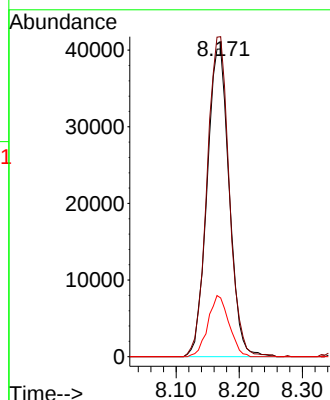
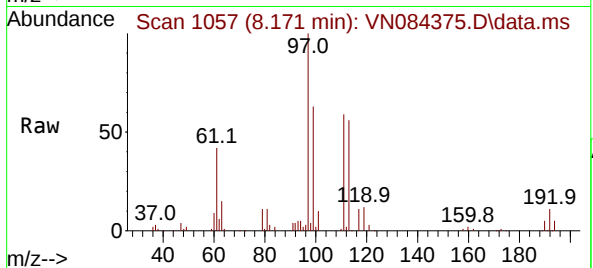
Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.3	124.9
192	18.7	13.5	20.3

Manual Integrations

APPROVED

Reviewed By : John Carlone 10/10/2024

Supervised By : Mahesh Dadoda 10/10/2024



#36

1,1-Dichloropropene

Concen: 45.653 ug/l

RT: 8.371 min Scan# 1091

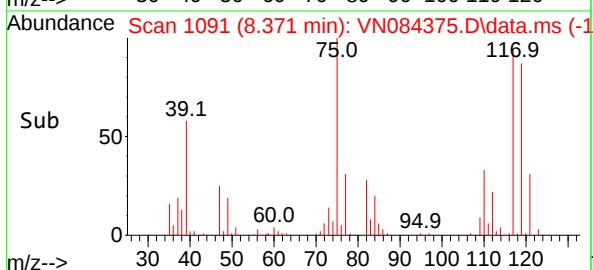
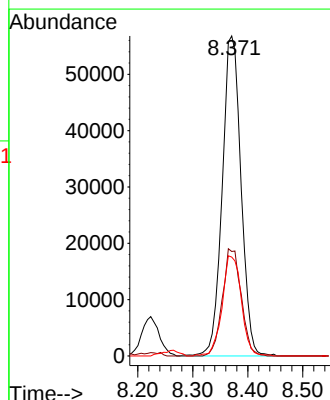
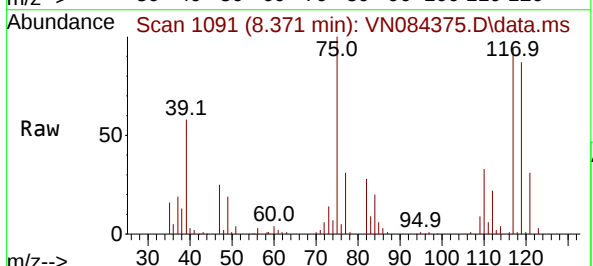
Delta R.T. -0.000 min

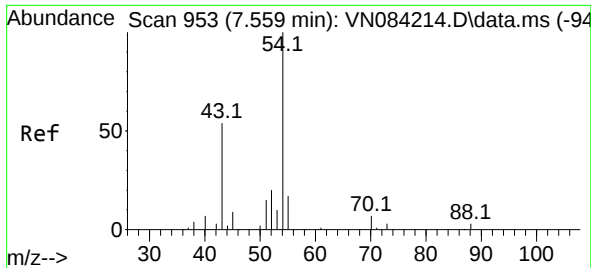
Lab File: VN084375.D

Acq: 09 Oct 2024 18:20

Tgt Ion: 75 Resp: 134969

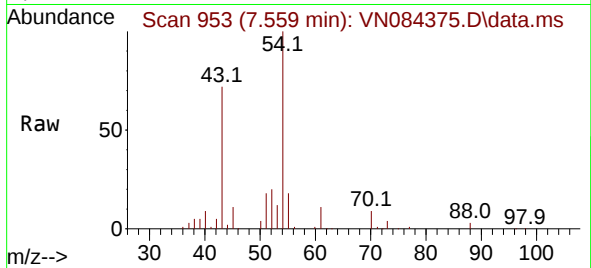
Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.9	50.7
77	32.0	24.7	37.1





#37
Ethyl Acetate
Concen: 48.372 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

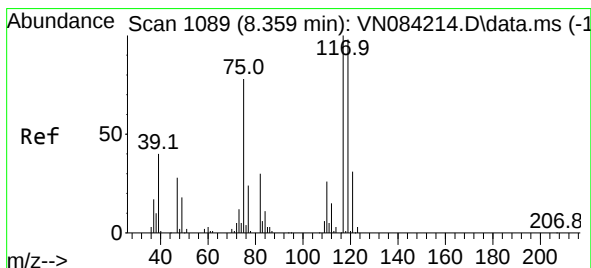
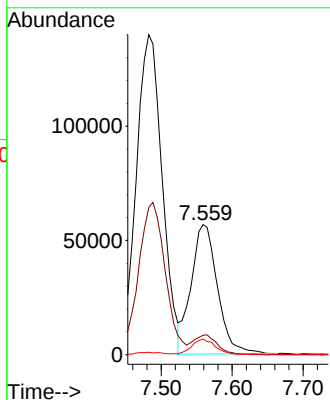
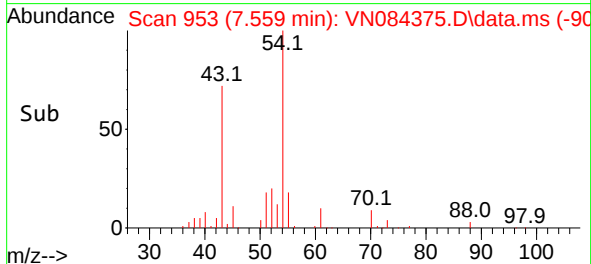
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



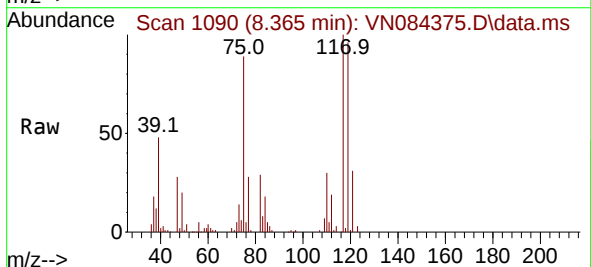
Tgt Ion: 43 Resp: 14671
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 10.9 8.8 13.2

Manual Integrations
APPROVED

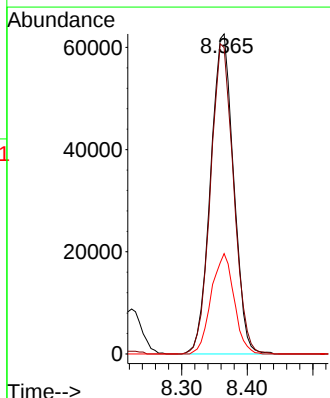
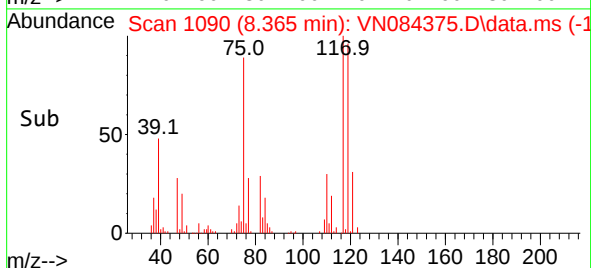
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024

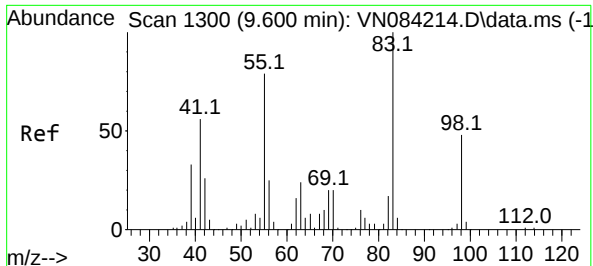


#38
Carbon Tetrachloride
Concen: 47.079 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20



Tgt Ion:117 Resp: 152677
Ion Ratio Lower Upper
117 100
119 95.7 78.7 118.1
121 31.4 24.4 36.6





#39

Methylcyclohexane

Concen: 45.156 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN084375.D

Acq: 09 Oct 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 148579

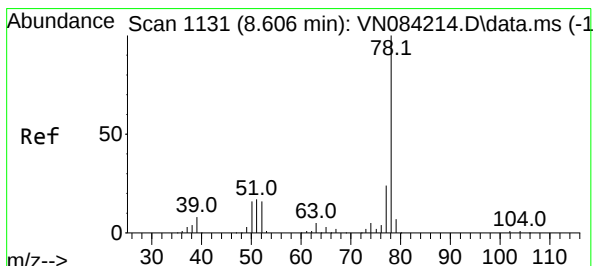
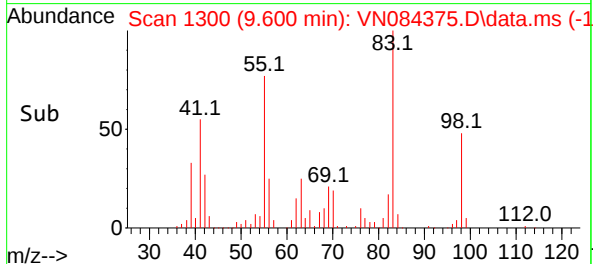
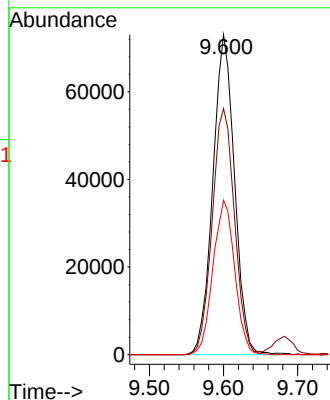
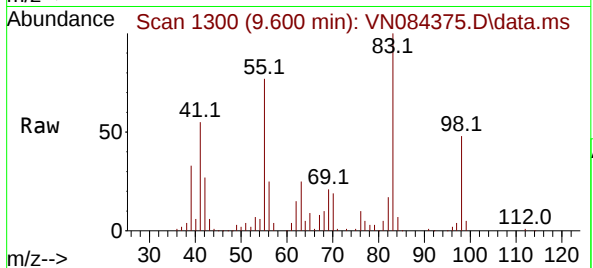
Ion	Ratio	Lower	Upper
83	100		
55	76.9	62.8	94.2
98	48.3	38.8	58.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2024

Supervised By :Mahesh Dadoda 10/10/2024



#40

Benzene

Concen: 46.807 ug/l

RT: 8.606 min Scan# 1131

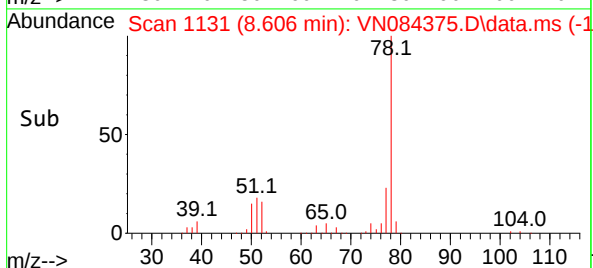
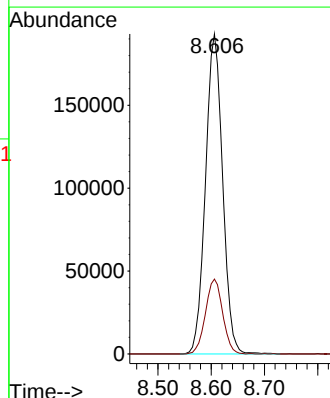
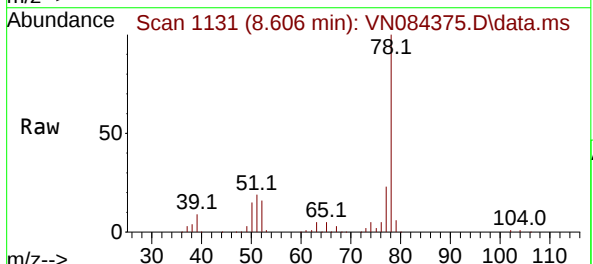
Delta R.T. -0.000 min

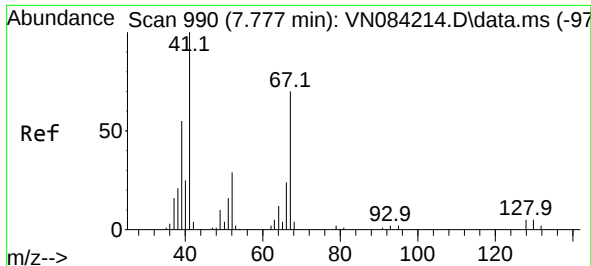
Lab File: VN084375.D

Acq: 09 Oct 2024 18:20

Tgt Ion: 78 Resp: 431146

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.1	28.7





#41
Methacrylonitrile
Concen: 50.207 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

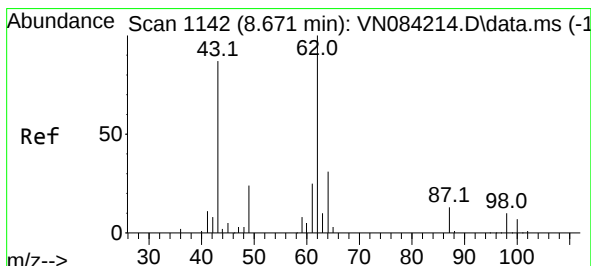
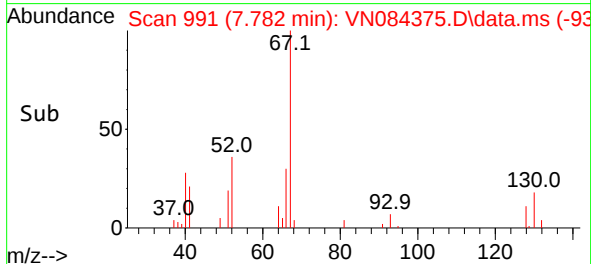
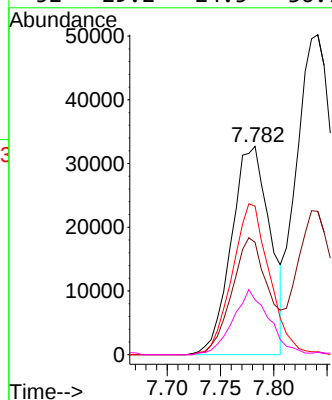
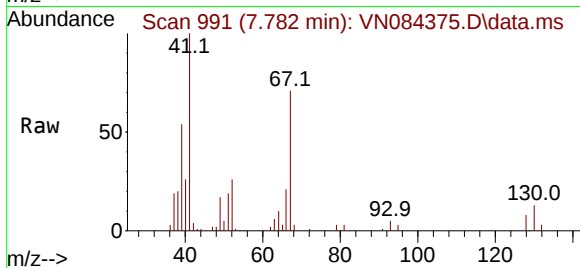
VSTDCCC050EC

Tgt Ion: 41 Resp: 8267
Ion Ratio Lower Upper
41 100
39 52.9 43.3 64.9
67 69.9 56.1 84.1
52 29.2 24.5 36.7

Manual Integrations

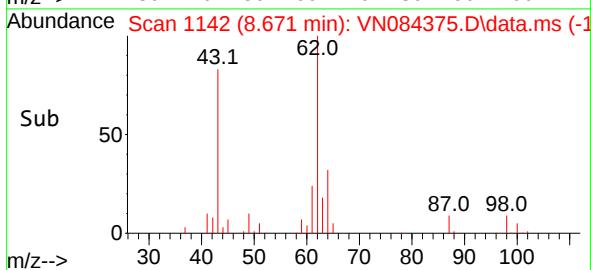
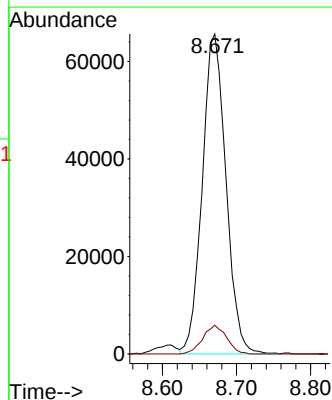
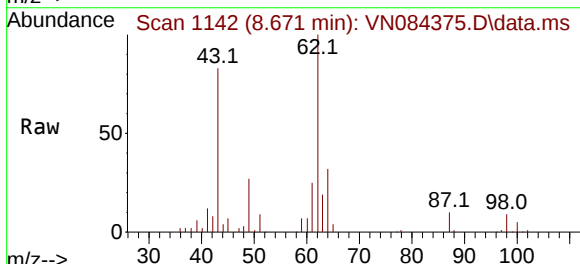
APPROVED

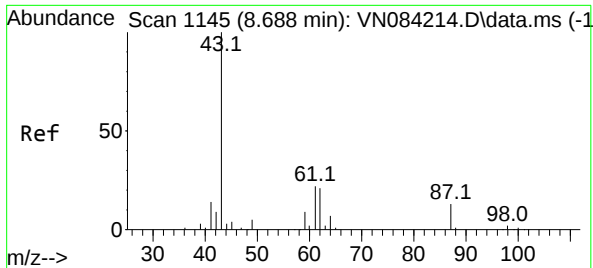
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#42
1,2-Dichloroethane
Concen: 46.757 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

Tgt Ion: 62 Resp: 146008
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.2





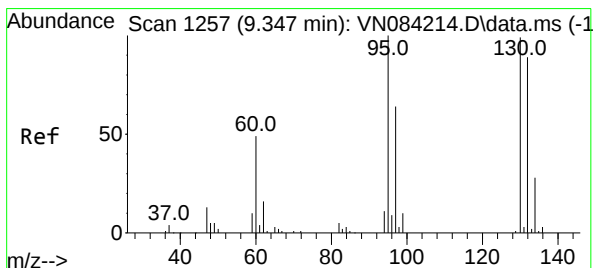
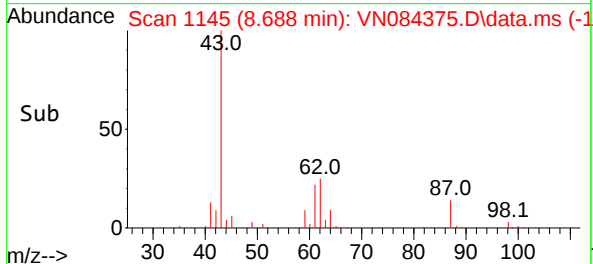
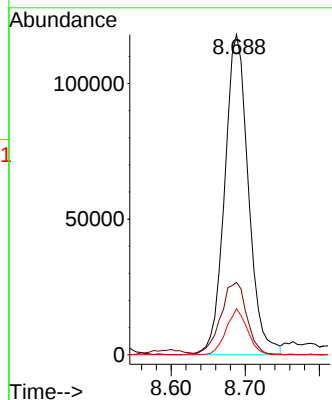
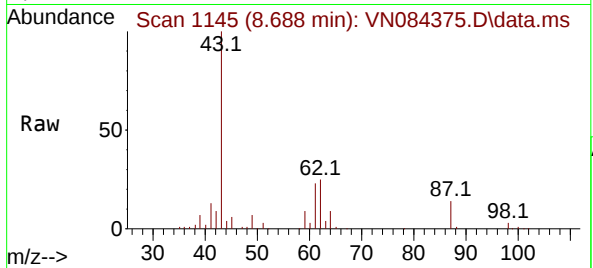
#43
Isopropyl Acetate
Concen: 44.118 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 26209
Ion Ratio Lower Upper
43 100
61 24.8 20.4 30.6
87 12.7 10.3 15.5

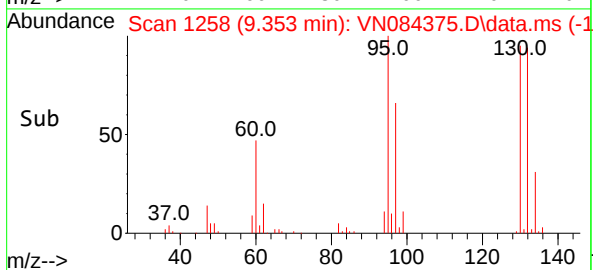
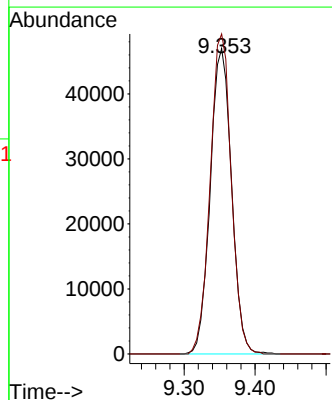
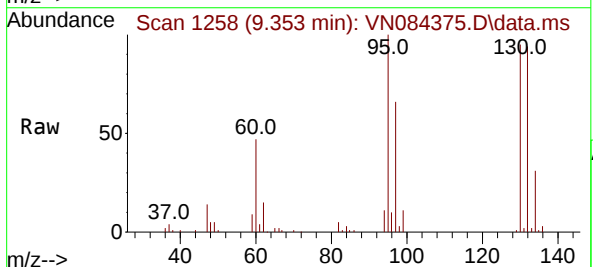
Manual Integrations
APPROVED

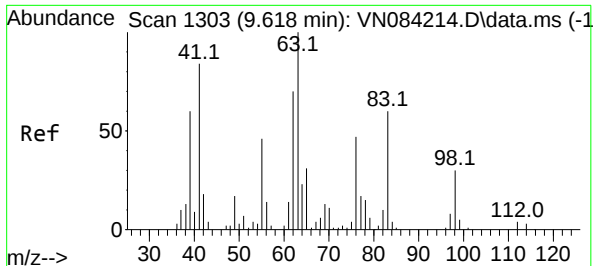
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#44
Trichloroethene
Concen: 45.436 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

Tgt Ion:130 Resp: 97748
Ion Ratio Lower Upper
130 100
95 104.8 0.0 203.0





#45

1,2-Dichloropropane

Concen: 49.648 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN084375.D

Acq: 09 Oct 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 108184

Ion Ratio Lower Upper

63 100

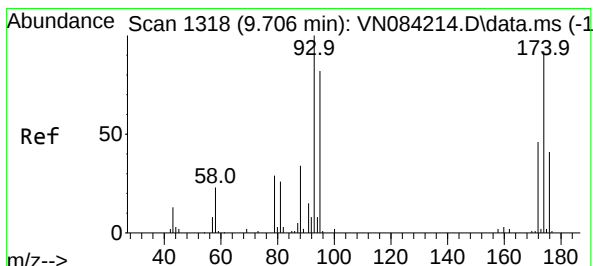
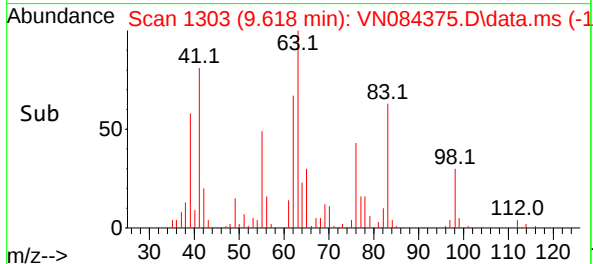
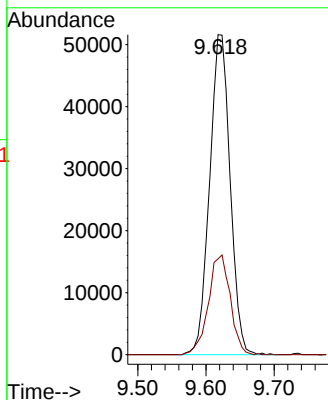
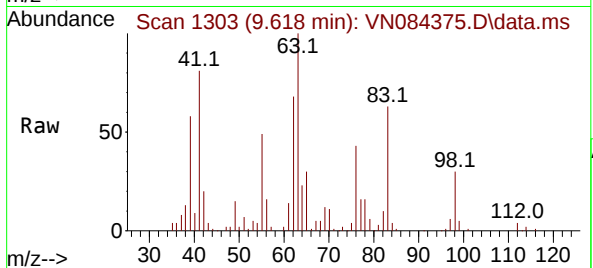
65 30.0 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2024

Supervised By :Mahesh Dadoda 10/10/2024



#46

Dibromomethane

Concen: 50.482 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN084375.D

Acq: 09 Oct 2024 18:20

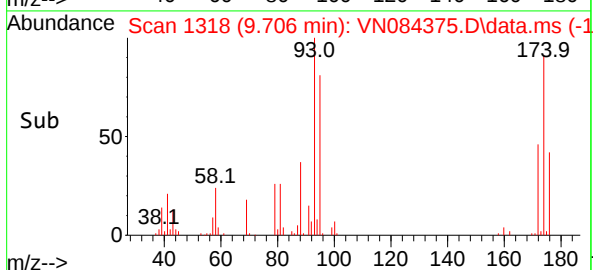
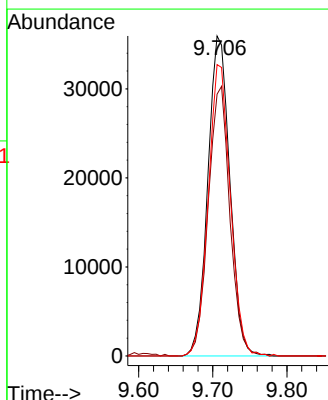
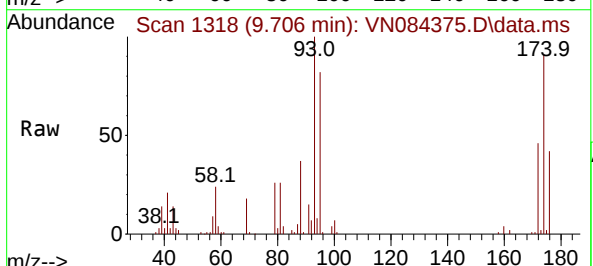
Tgt Ion: 93 Resp: 74232

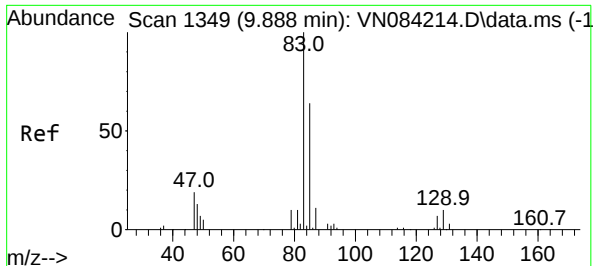
Ion Ratio Lower Upper

93 100

95 82.8 65.0 97.4

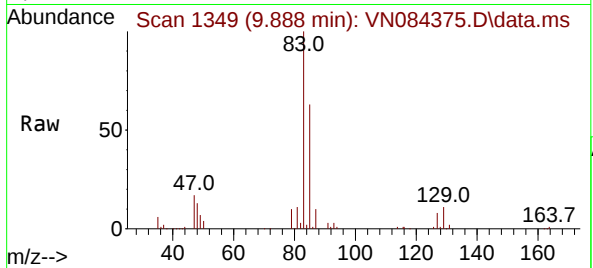
174 91.5 71.8 107.8





#47
Bromodichloromethane
Concen: 49.036 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

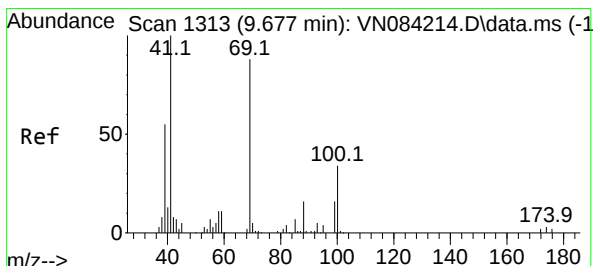
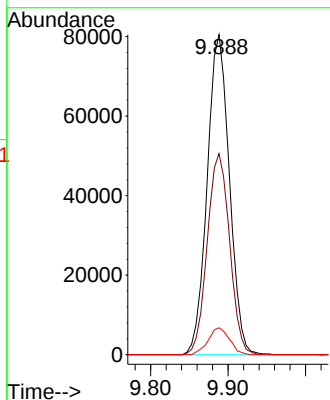
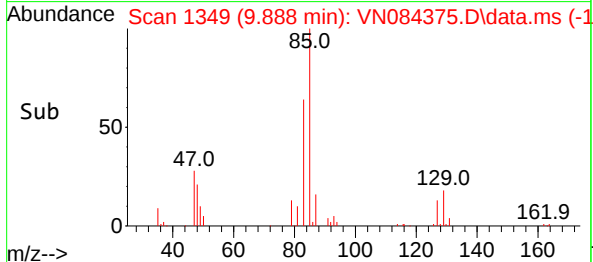
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



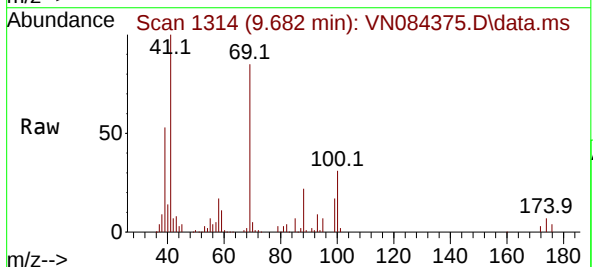
Tgt Ion: 83 Resp: 160199
Ion Ratio Lower Upper
83 100
85 62.8 51.5 77.3
127 8.4 5.7 8.5

Manual Integrations
APPROVED

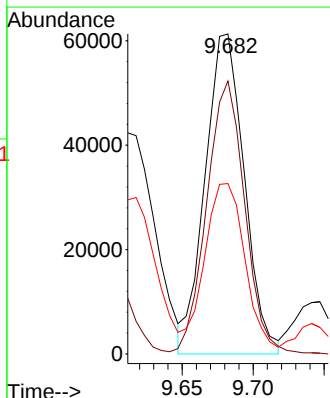
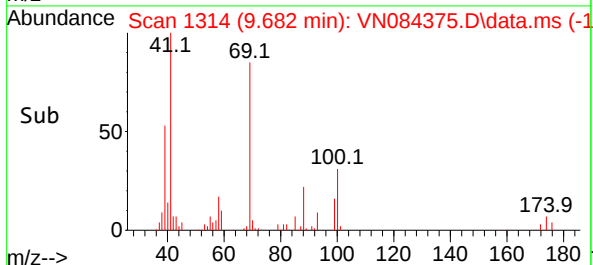
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024

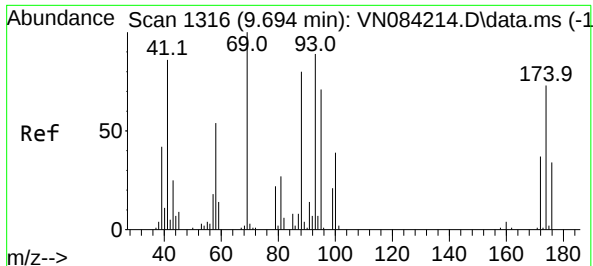


#48
Methyl methacrylate
Concen: 49.801 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20



Tgt Ion: 41 Resp: 117773
Ion Ratio Lower Upper
41 100
69 82.9 67.1 100.7
39 55.8 45.8 68.6





#49

1,4-Dioxane

Concen: 942.637 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN084375.D

Acq: 09 Oct 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 41040

Ion Ratio Lower Upper

88 100

43 29.9 25.3 37.9

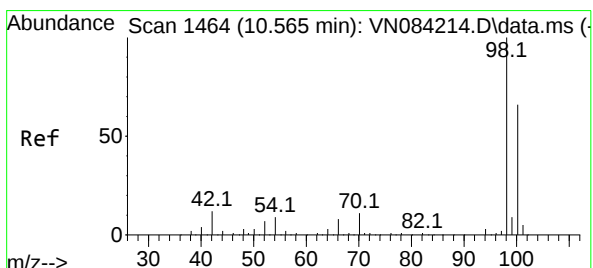
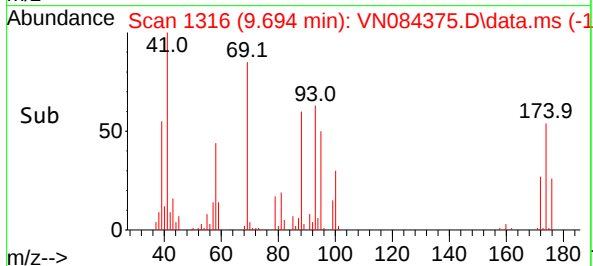
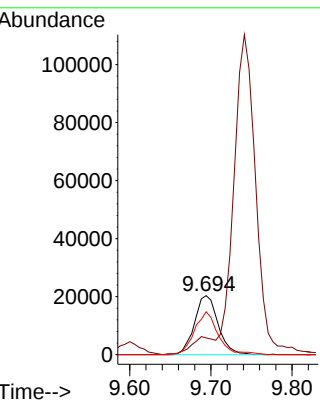
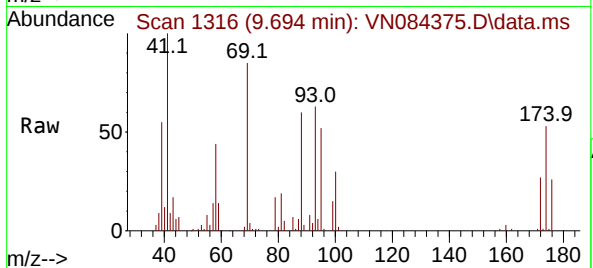
58 73.1 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2024

Supervised By :Mahesh Dadoda 10/10/2024



#50

Toluene-d8

Concen: 49.271 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084375.D

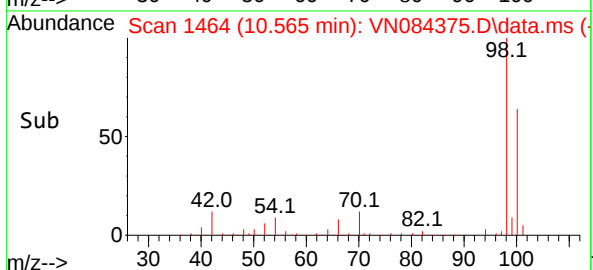
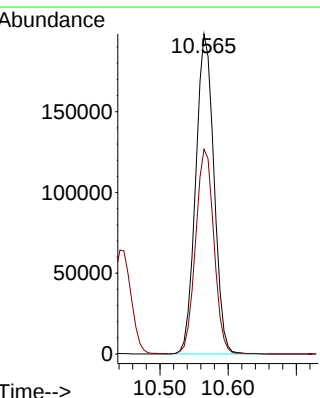
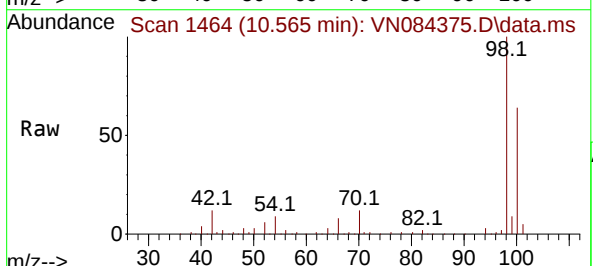
Acq: 09 Oct 2024 18:20

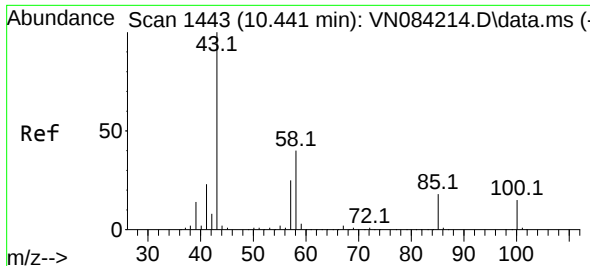
Tgt Ion: 98 Resp: 368955

Ion Ratio Lower Upper

98 100

100 64.3 52.7 79.1





#51
4-Methyl-2-Pentanone
Concen: 256.218 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

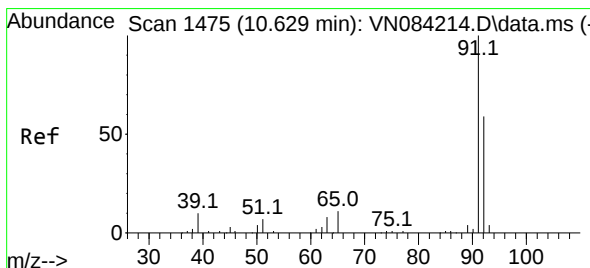
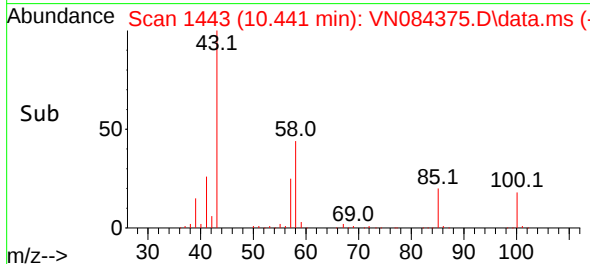
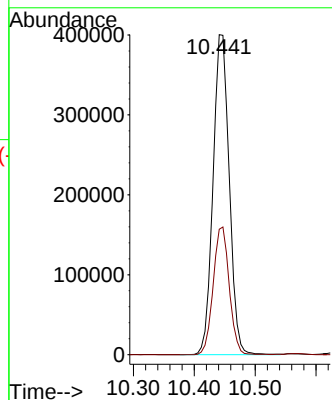
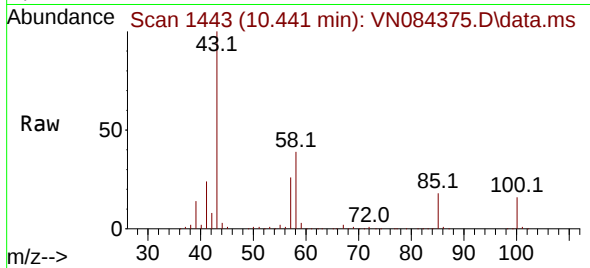
VSTDCCC050EC

Tgt Ion: 43 Resp: 739780
Ion Ratio Lower Upper
43 100
58 39.5 31.6 47.4

Manual Integrations

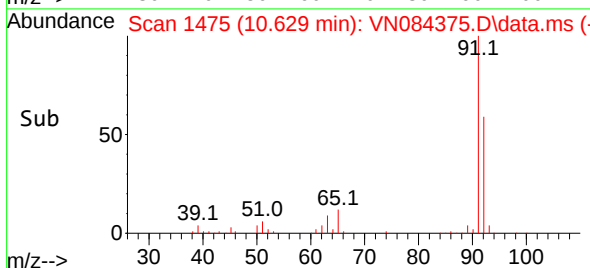
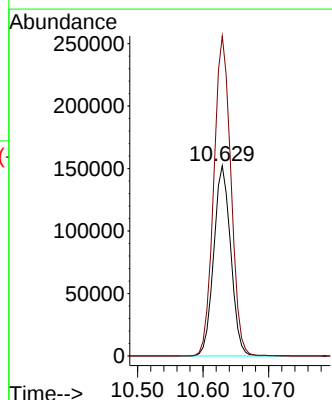
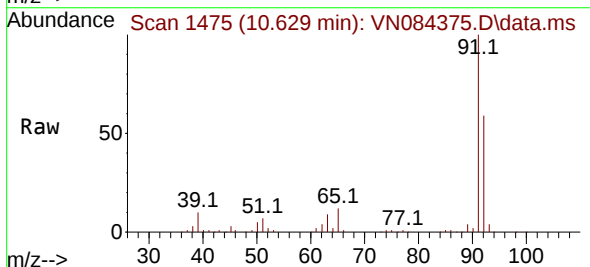
APPROVED

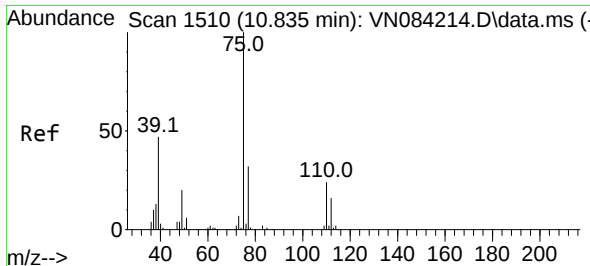
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#52
Toluene
Concen: 48.473 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

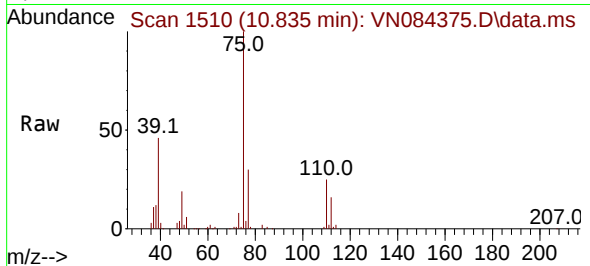
Tgt Ion: 92 Resp: 272269
Ion Ratio Lower Upper
92 100
91 170.3 137.3 205.9





#53
 t-1,3-Dichloropropene
 Concen: 48.956 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN084375.D
 Acq: 09 Oct 2024 18:20

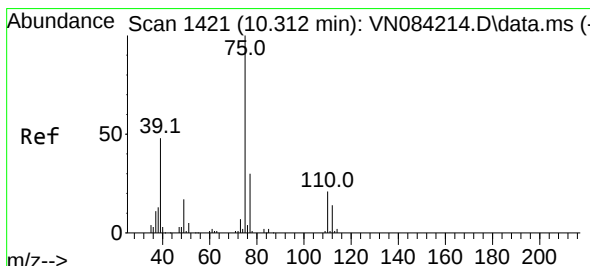
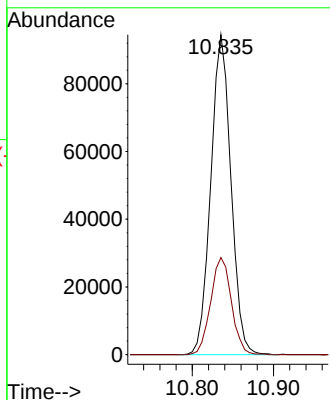
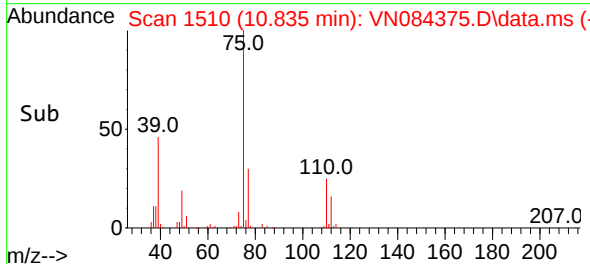
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



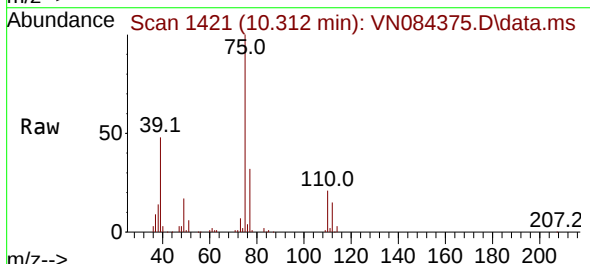
Tgt Ion: 75 Resp: 163030
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.0

Manual Integrations
 APPROVED

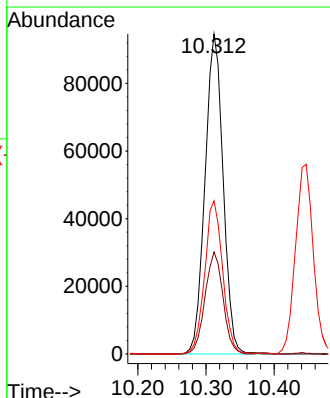
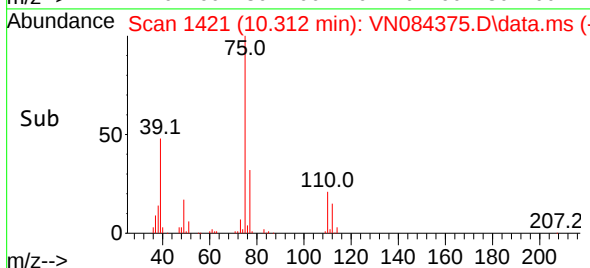
Reviewed By :John Carlone 10/10/2024
 Supervised By :Mahesh Dadoda 10/10/2024

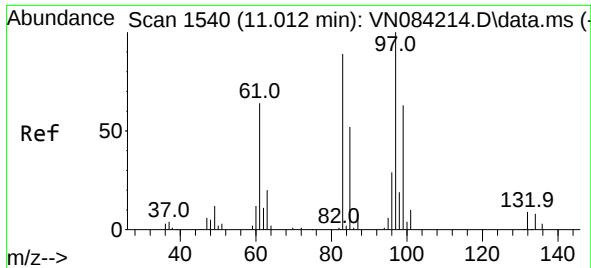


#54
 cis-1,3-Dichloropropene
 Concen: 48.807 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN084375.D
 Acq: 09 Oct 2024 18:20



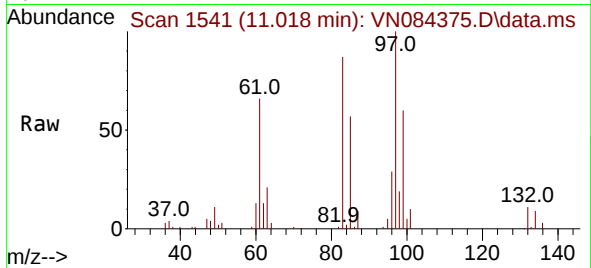
Tgt Ion: 75 Resp: 174827
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.2 36.2
 39 47.8 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 50.240 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

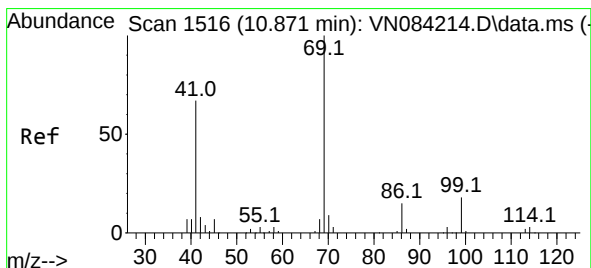
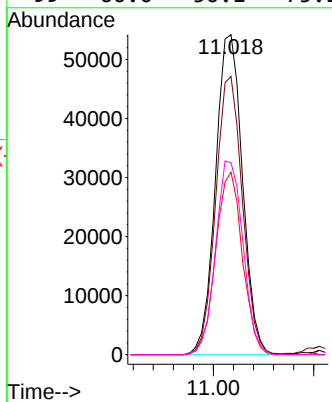
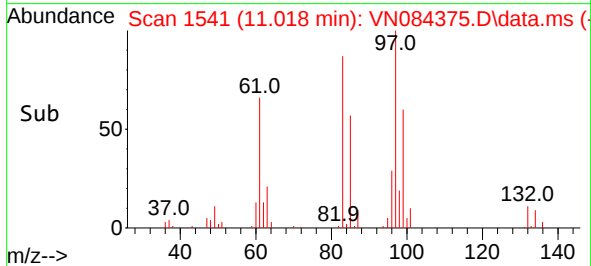
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



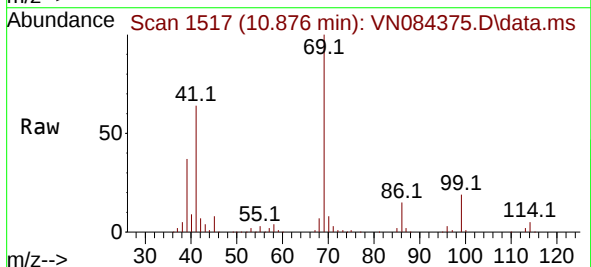
Tgt Ion: 97 Resp: 101164
Ion Ratio Lower Upper
97 100
83 87.0 71.0 106.4
85 57.1 41.7 62.5
99 60.0 50.1 75.1

Manual Integrations
APPROVED

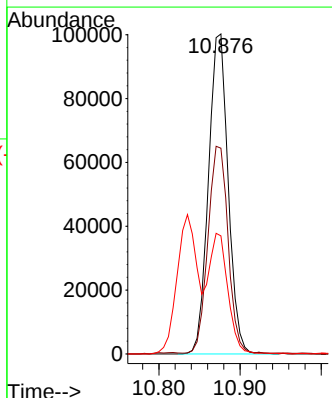
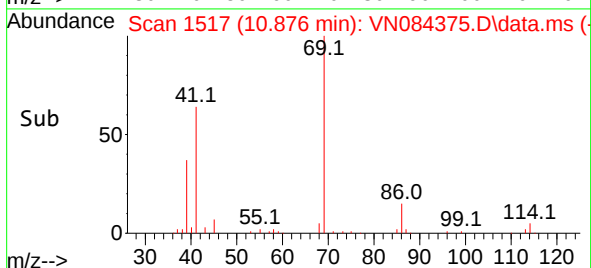
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024

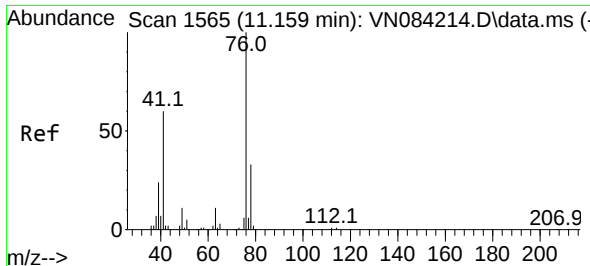


#56
Ethyl methacrylate
Concen: 50.972 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20



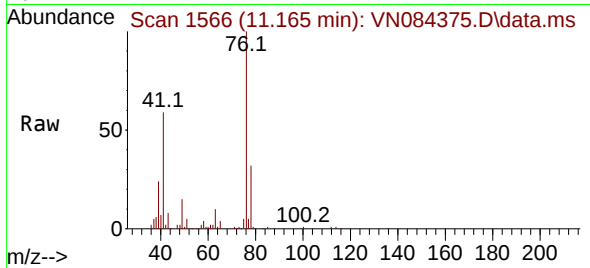
Tgt Ion: 69 Resp: 168888
Ion Ratio Lower Upper
69 100
41 65.9 53.3 79.9
39 36.8 28.8 43.2





#57
1,3-Dichloropropane
Concen: 48.489 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

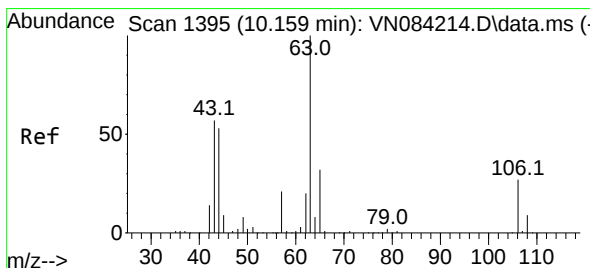
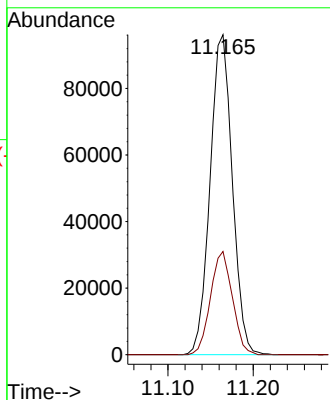
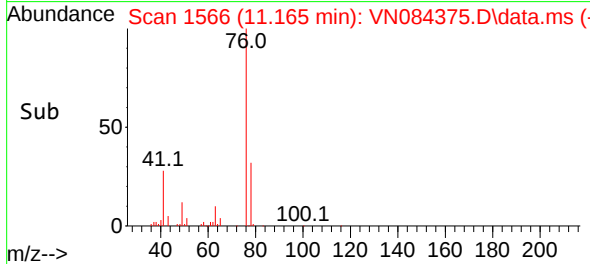
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 174460
Ion Ratio Lower Upper
76 100
78 31.6 25.8 38.6

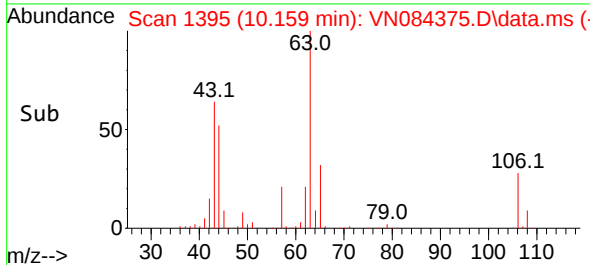
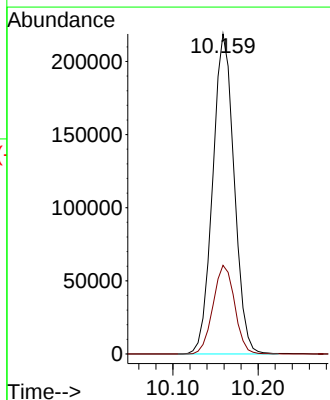
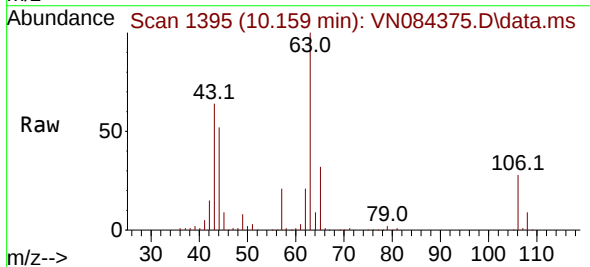
Manual Integrations
APPROVED

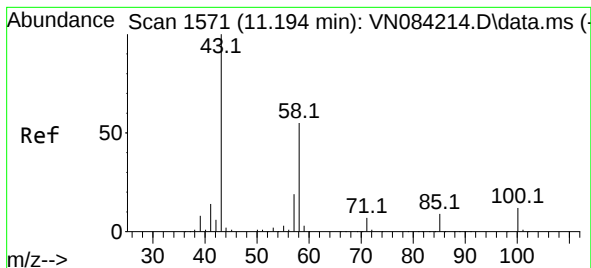
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#58
2-Chloroethyl Vinyl ether
Concen: 249.155 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

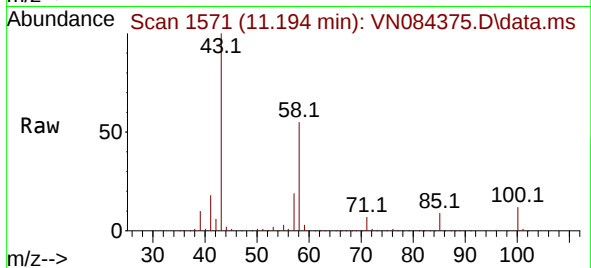
Tgt Ion: 63 Resp: 382959
Ion Ratio Lower Upper
63 100
106 27.9 21.8 32.6





#59
2-Hexanone
Concen: 254.254 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

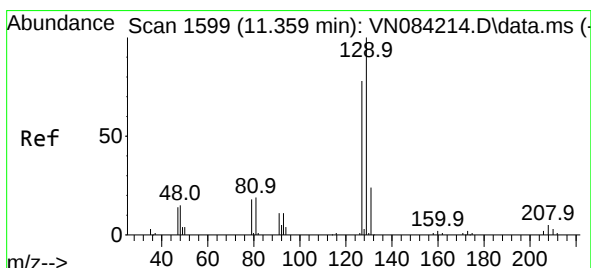
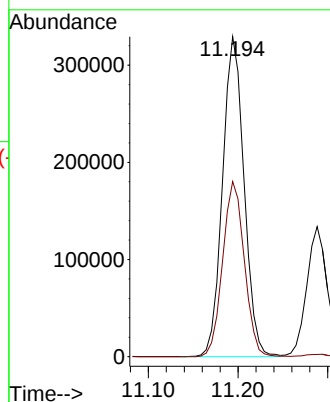
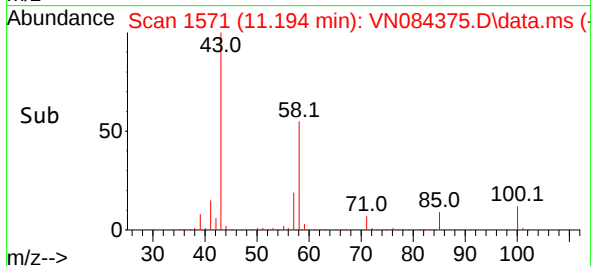
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 54868
Ion Ratio Lower Upper
43 100
58 55.0 27.3 81.8

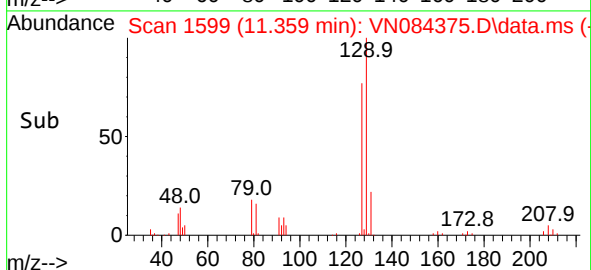
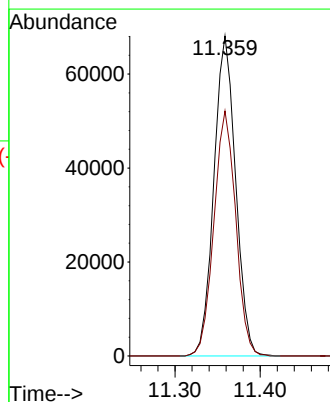
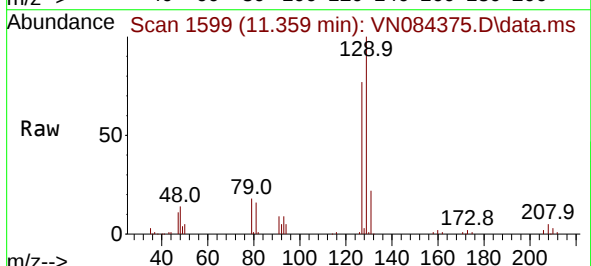
Manual Integrations
APPROVED

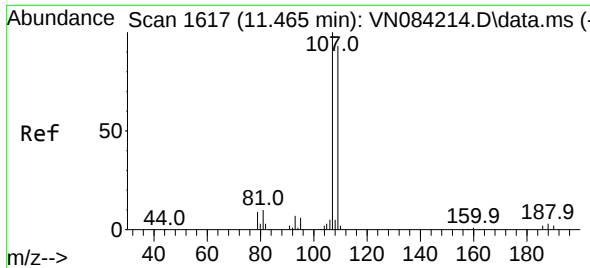
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#60
Dibromochloromethane
Concen: 50.718 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

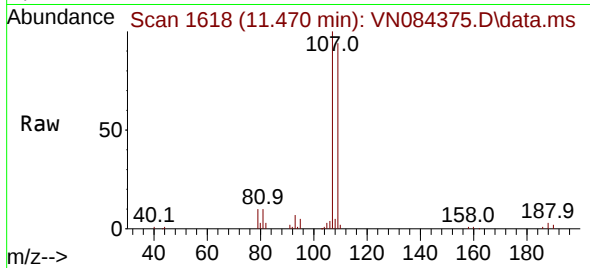
Tgt Ion:129 Resp: 120666
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.9





#61
1,2-Dibromoethane
Concen: 48.228 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

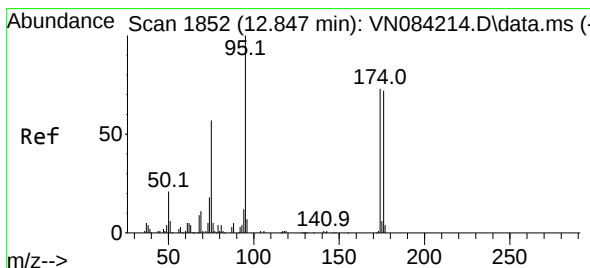
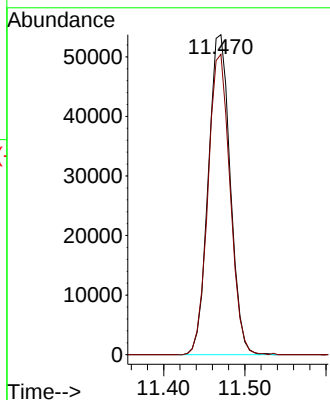
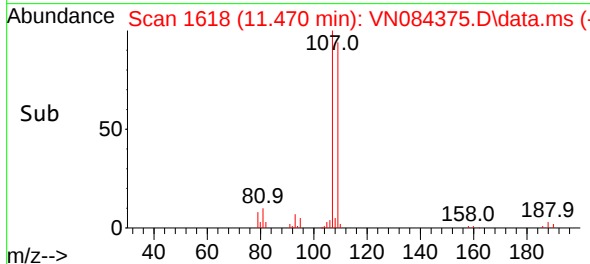
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 100909
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.0

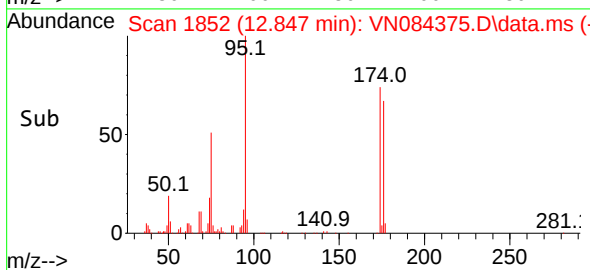
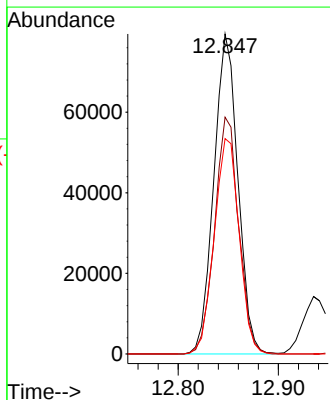
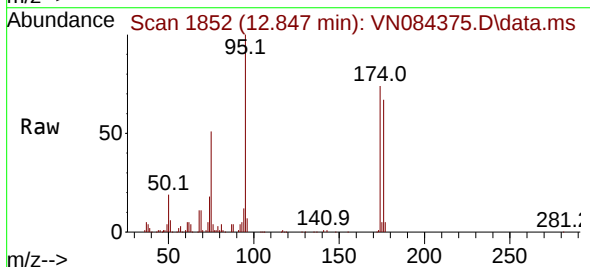
Manual Integrations
APPROVED

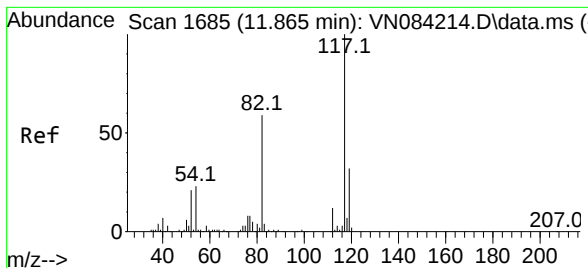
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#62
4-Bromofluorobenzene
Concen: 48.448 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

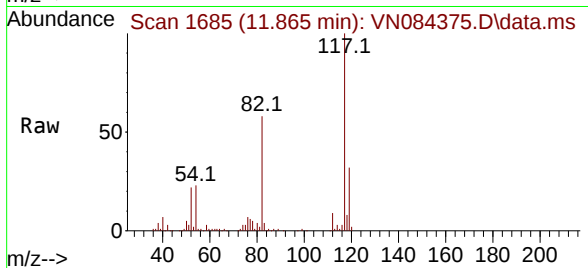
Tgt Ion: 95 Resp: 132169
Ion Ratio Lower Upper
95 100
174 74.3 0.0 145.2
176 70.0 0.0 140.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

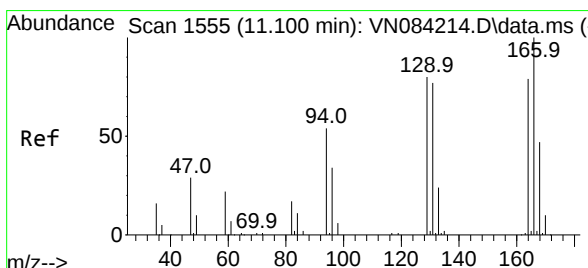
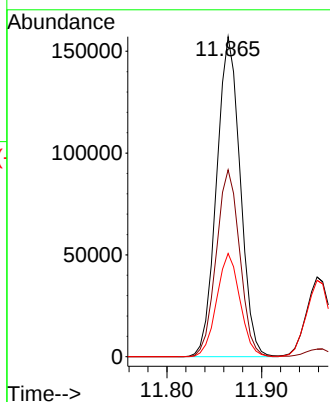
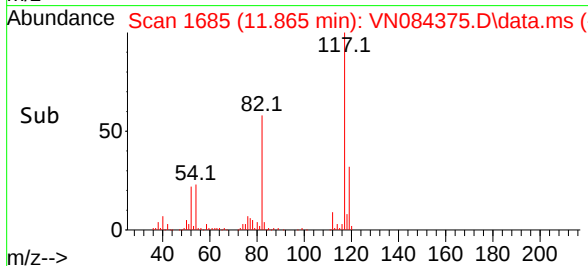
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



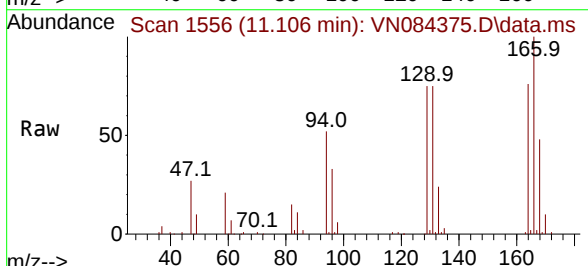
Tgt Ion:117 Resp: 273075
Ion Ratio Lower Upper
117 100
82 58.4 47.2 70.8
119 32.3 25.4 38.0

Manual Integrations
APPROVED

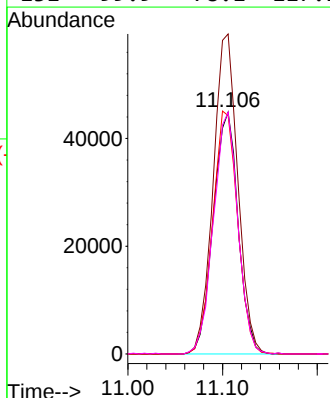
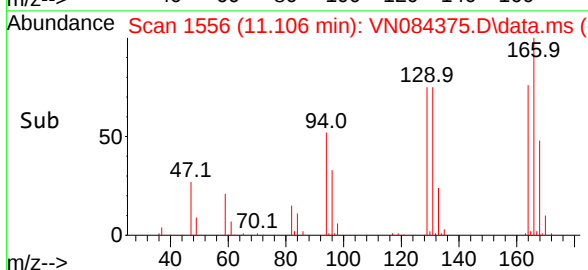
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024

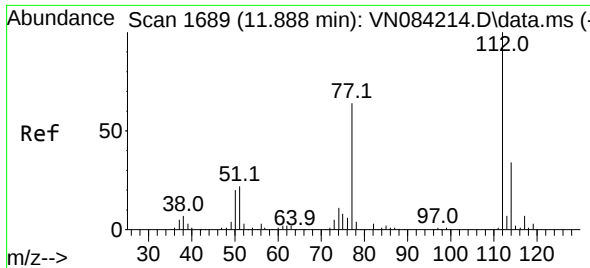


#64
Tetrachloroethene
Concen: 43.024 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20



Tgt Ion:164 Resp: 81832
Ion Ratio Lower Upper
164 100
166 132.3 101.0 151.4
129 98.6 80.8 121.2
131 99.9 78.1 117.1





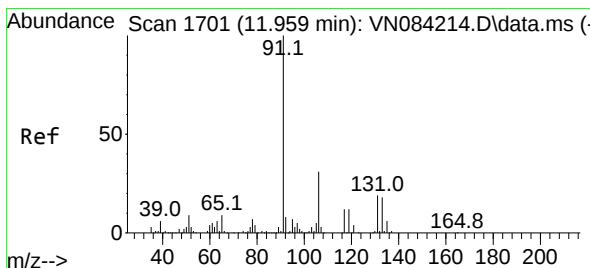
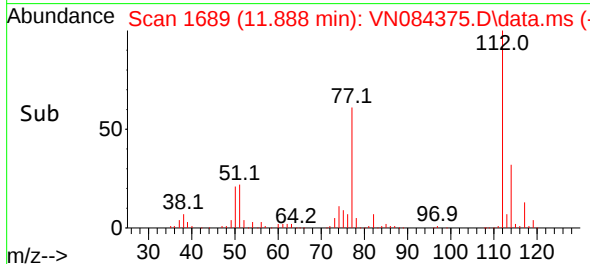
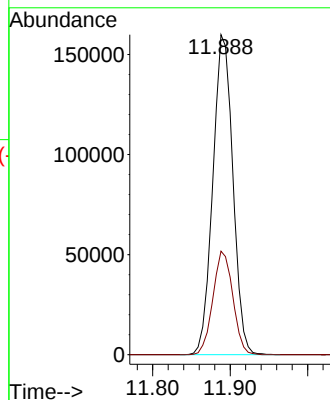
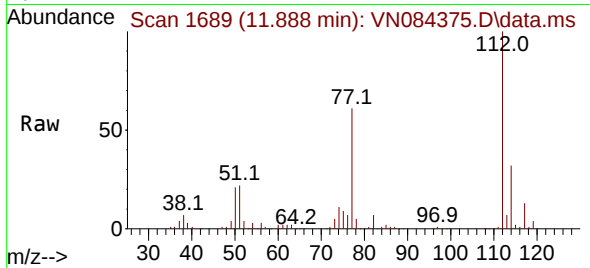
#65
Chlorobenzene
Concen: 47.451 ug/l
RT: 11.888 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 28730
Ion Ratio Lower Upper
112 100
114 32.3 27.0 40.6

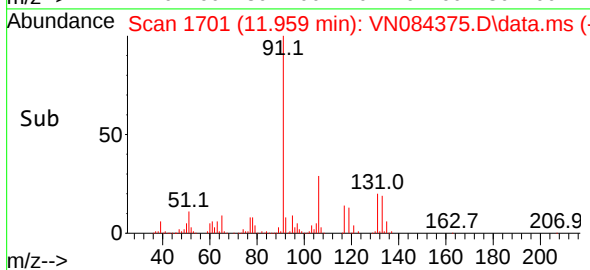
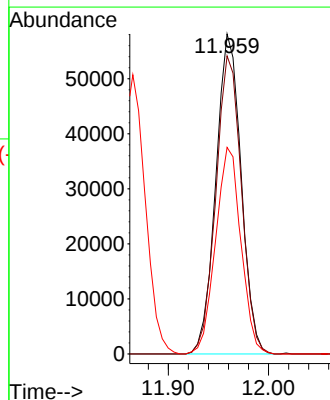
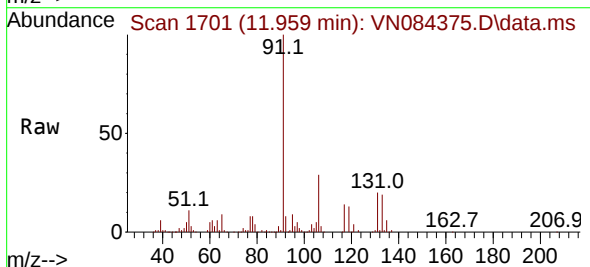
Manual Integrations
APPROVED

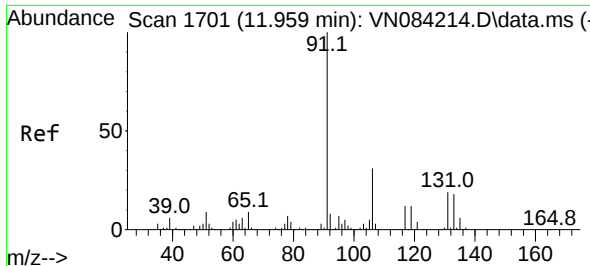
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 48.711 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

Tgt Ion:131 Resp: 101586
Ion Ratio Lower Upper
131 100
133 94.0 47.9 143.7
119 64.8 32.8 98.3





#67

Ethyl Benzene

Concen: 48.236 ug/l

RT: 11.964 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VN084375.D

Acq: 09 Oct 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 516490

Ion Ratio Lower Upper

91 100

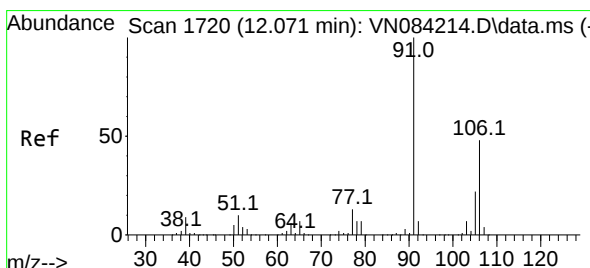
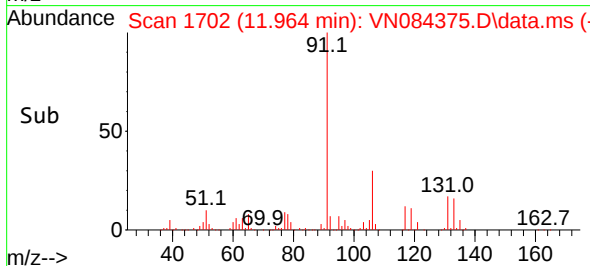
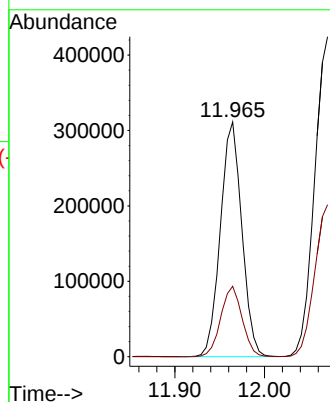
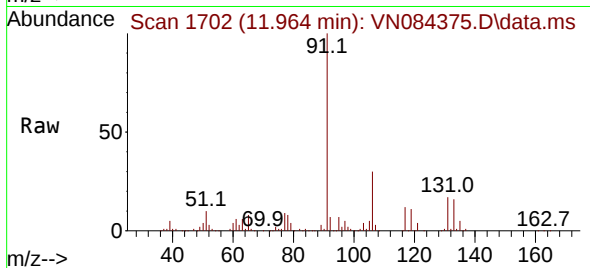
106 30.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2024

Supervised By :Mahesh Dadoda 10/10/2024



#68

m/p-Xylenes

Concen: 98.023 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN084375.D

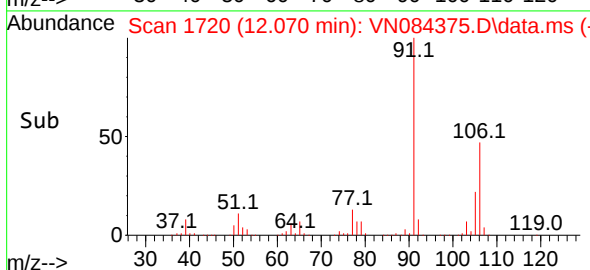
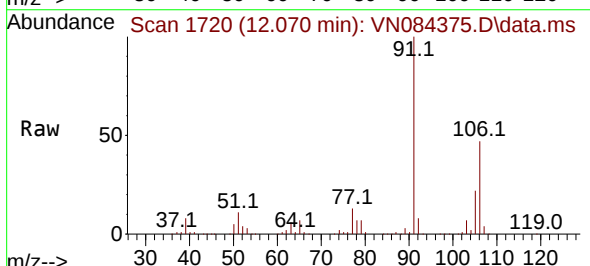
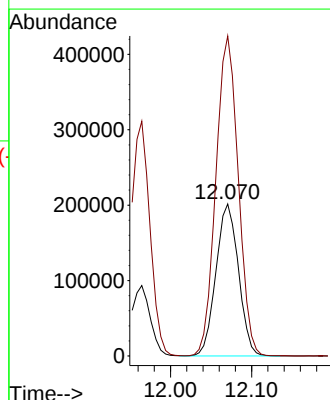
Acq: 09 Oct 2024 18:20

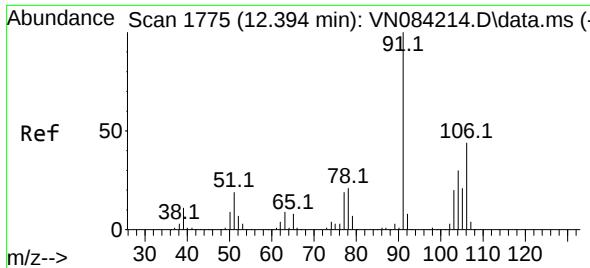
Tgt Ion:106 Resp: 388252

Ion Ratio Lower Upper

106 100

91 209.7 167.1 250.7





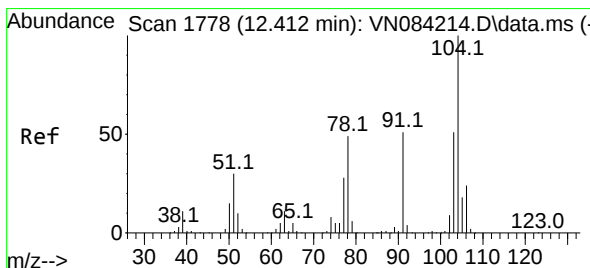
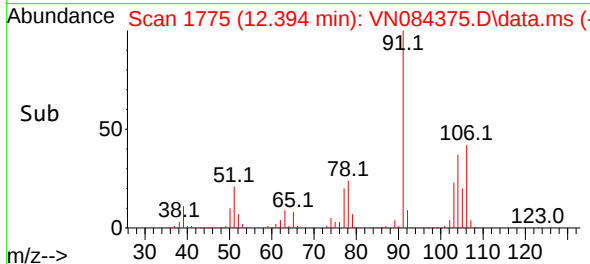
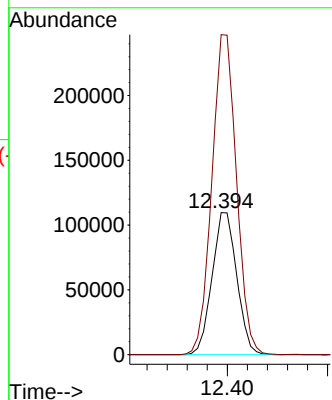
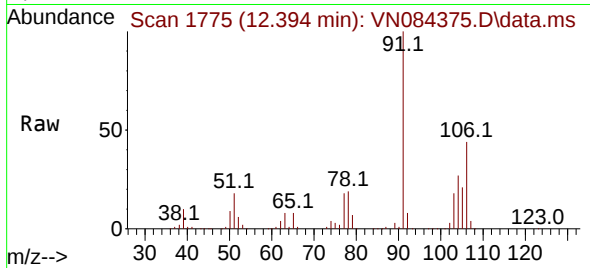
#69
o-Xylene
Concen: 49.998 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 18736
Ion Ratio Lower Upper
106 100
91 225.0 110.2 330.6

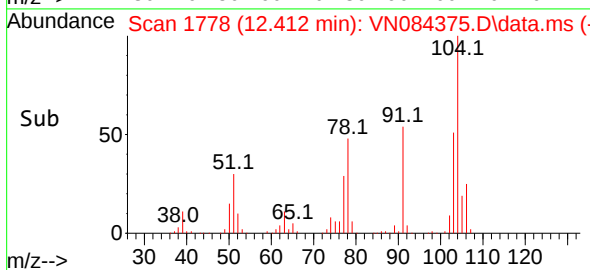
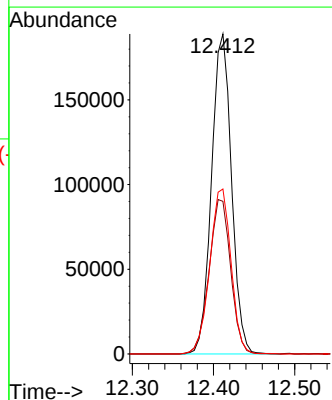
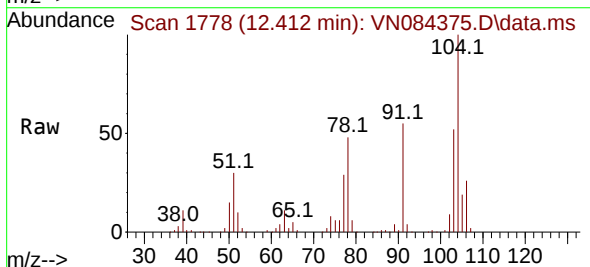
Manual Integrations
APPROVED

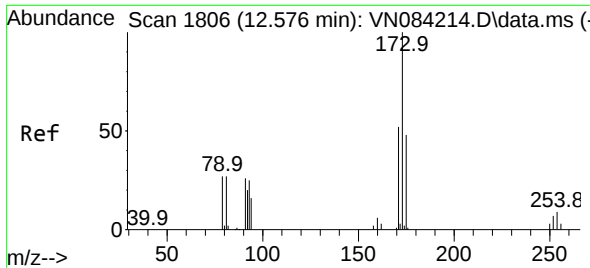
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#70
Styrene
Concen: 50.912 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

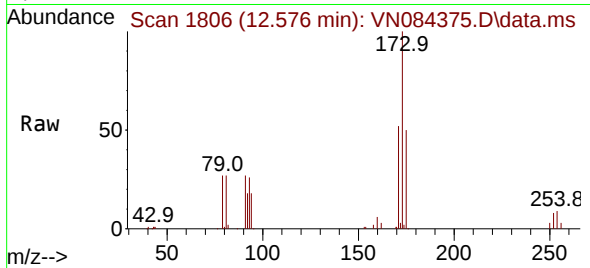
Tgt Ion:104 Resp: 323158
Ion Ratio Lower Upper
104 100
78 52.2 42.7 64.1
103 54.9 43.6 65.4





#71
Bromoform
Concen: 50.838 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

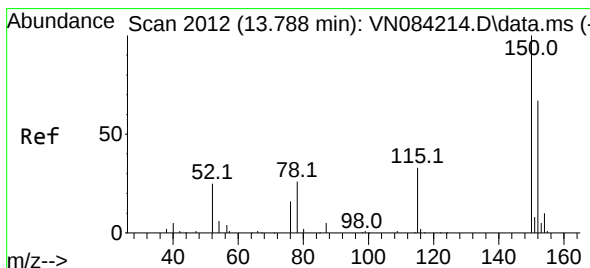
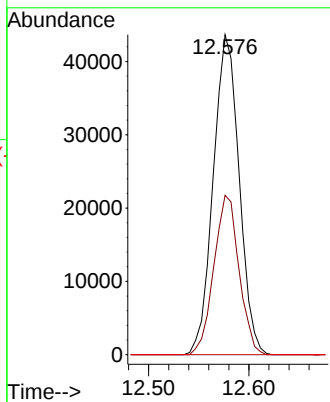
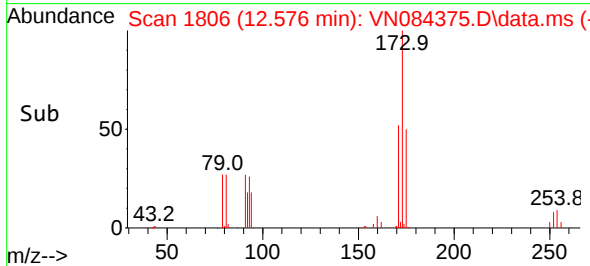
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



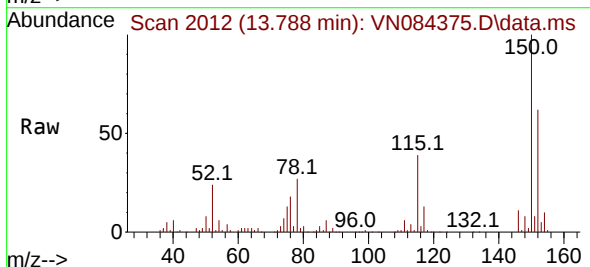
Tgt Ion:173 Resp: 7805
Ion Ratio Lower Upper
173 100
175 48.4 23.5 70.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

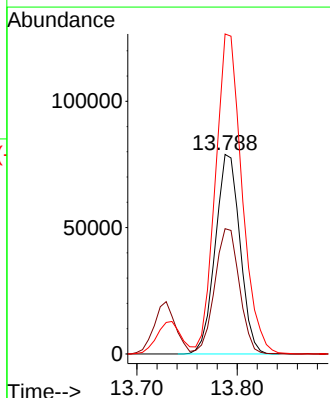
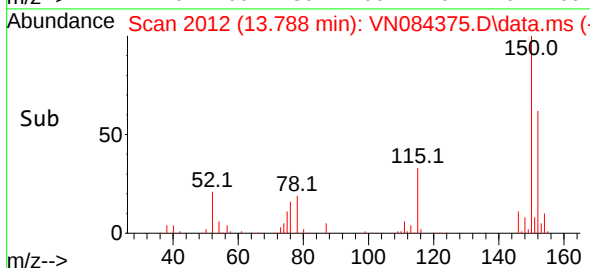
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024

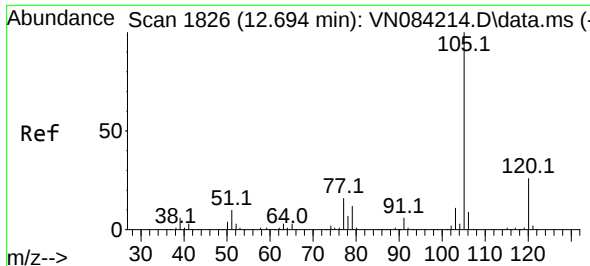


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20



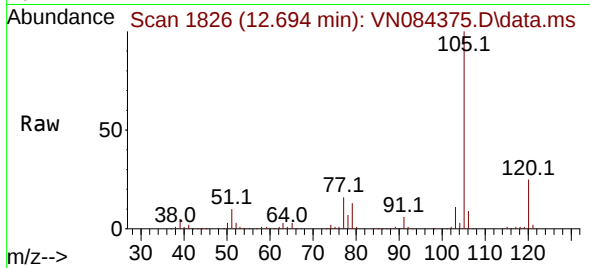
Tgt Ion:152 Resp: 135086
Ion Ratio Lower Upper
152 100
115 62.9 31.3 93.9
150 172.0 0.0 349.8





#73
Isopropylbenzene
Concen: 46.667 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

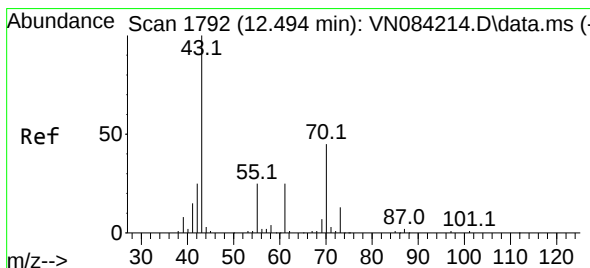
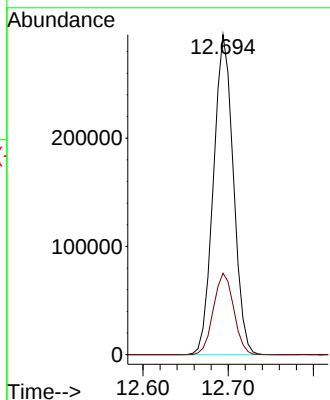
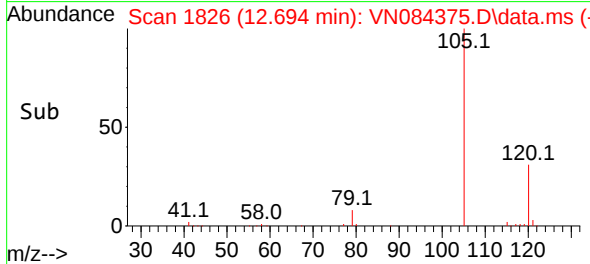
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 481052
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.7

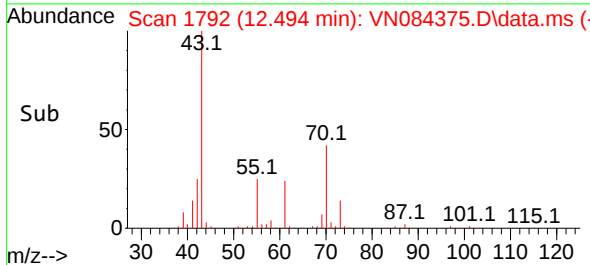
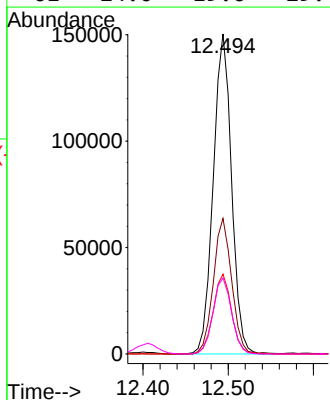
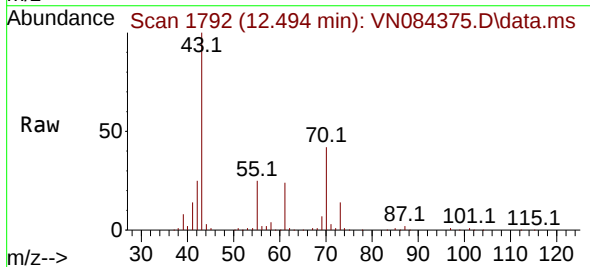
Manual Integrations
APPROVED

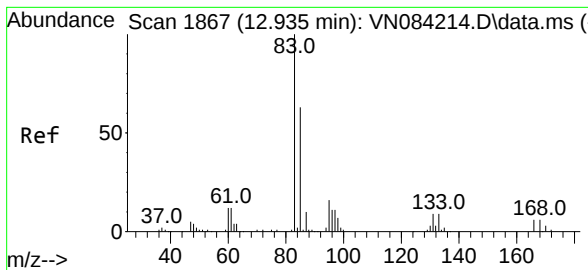
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#74
N-ethyl acetate
Concen: 48.029 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

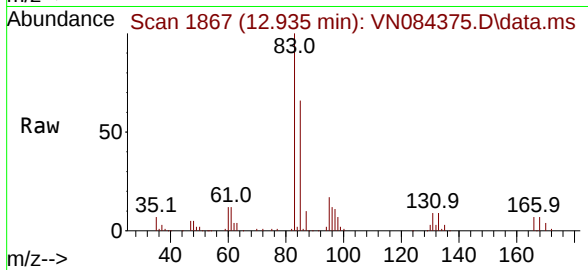
Tgt Ion: 43 Resp: 224197
Ion Ratio Lower Upper
43 100
70 42.3 34.4 51.6
55 25.1 19.6 29.4
61 24.0 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 48.039 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

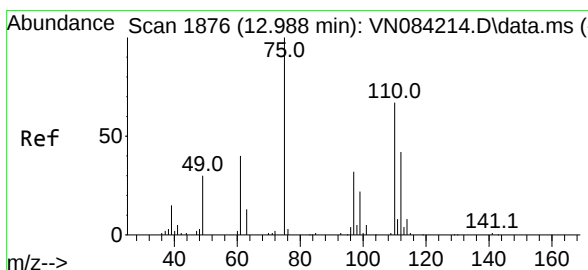
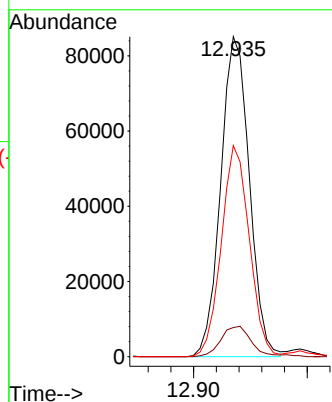
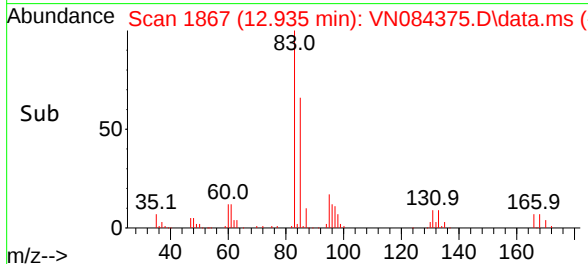
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 14890
Ion Ratio Lower Upper
83 100
131 10.3 4.9 14.7
85 64.6 31.9 95.7

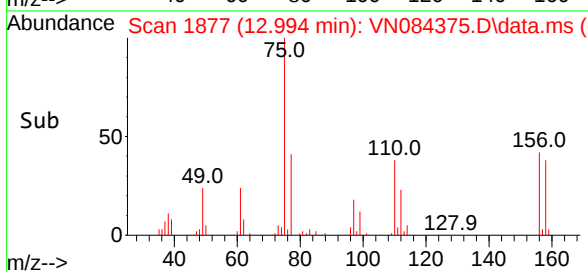
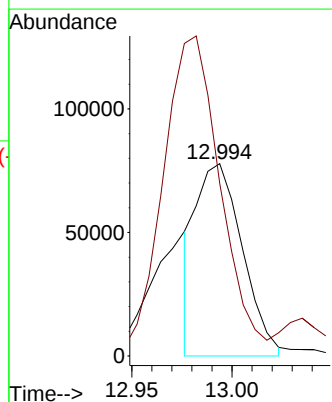
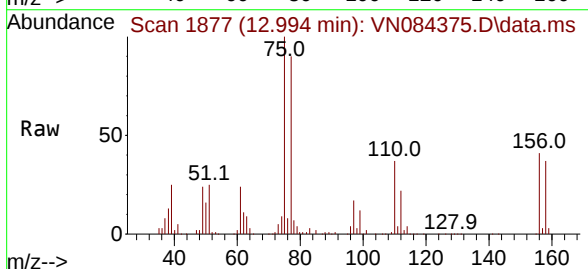
Manual Integrations
APPROVED

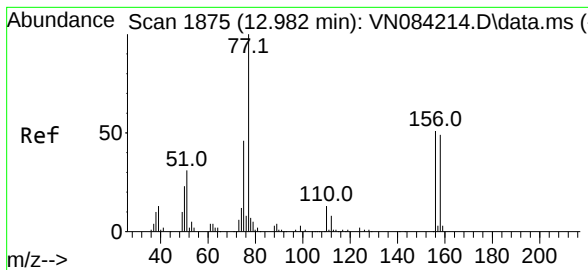
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#76
1,2,3-Trichloropropane
Concen: 45.351 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

Tgt Ion: 75 Resp: 125071
Ion Ratio Lower Upper
75 100
77 206.3 96.9 290.7





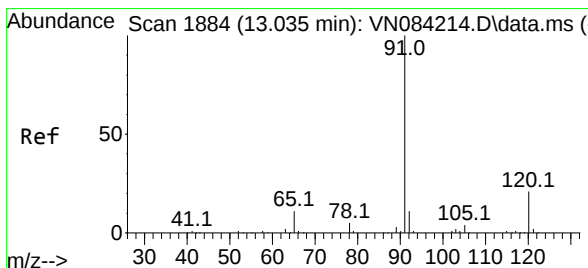
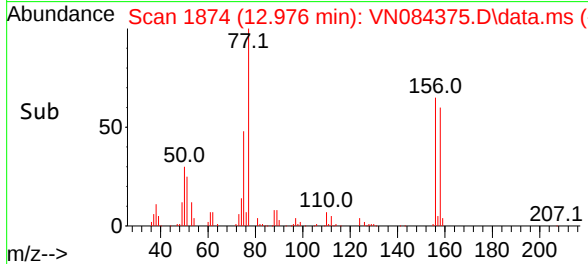
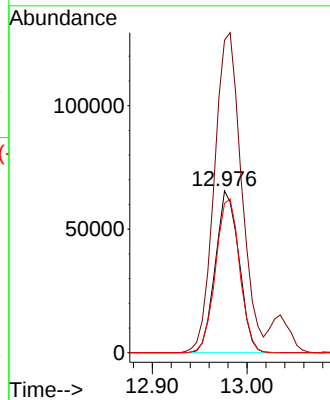
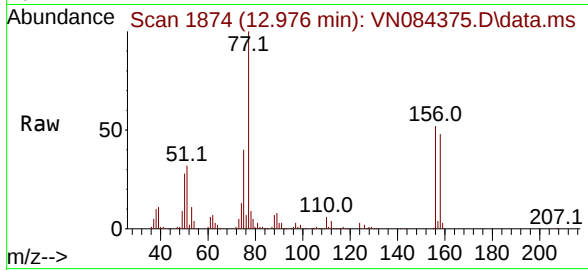
#77
Bromobenzene
Concen: 45.771 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 113809
Ion Ratio Lower Upper
156 100
77 226.7 115.1 345.3
158 96.9 48.9 146.8

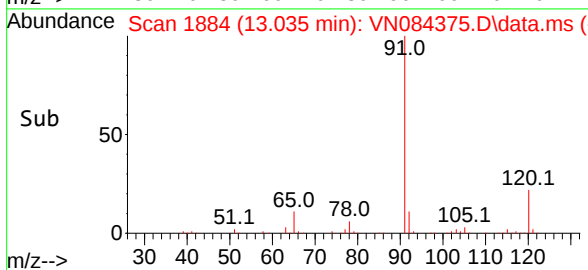
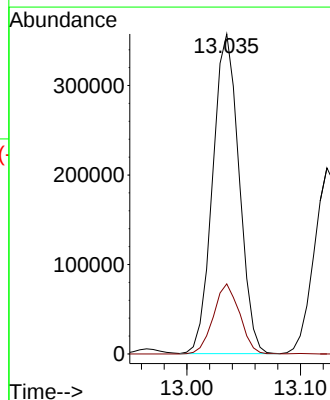
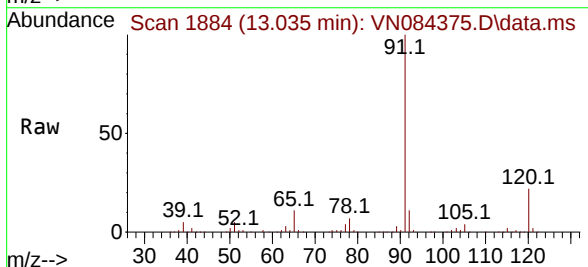
Manual Integrations
APPROVED

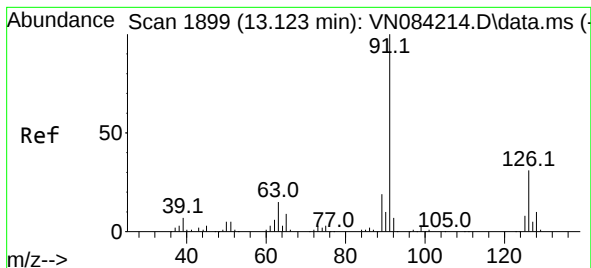
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#78
n-propylbenzene
Concen: 48.303 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

Tgt Ion: 91 Resp: 576895
Ion Ratio Lower Upper
91 100
120 21.8 10.8 32.4





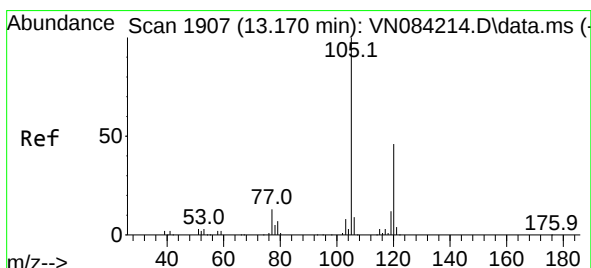
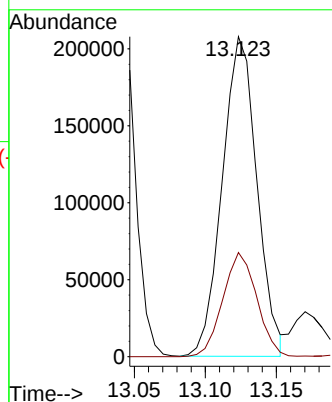
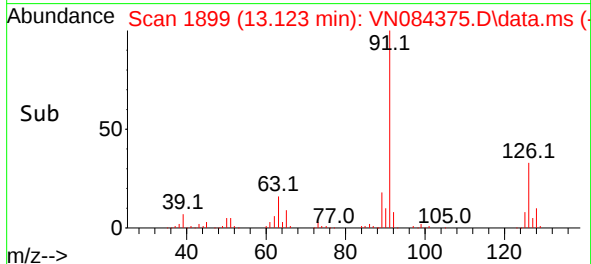
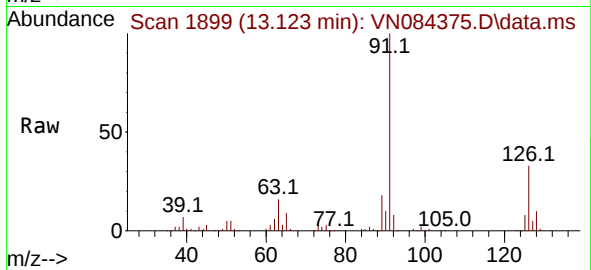
#79
2-Chlorotoluene
Concen: 46.230 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 35232
Ion Ratio Lower Upper
91 100
126 32.1 15.7 47.1

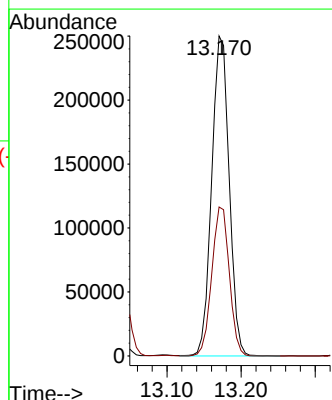
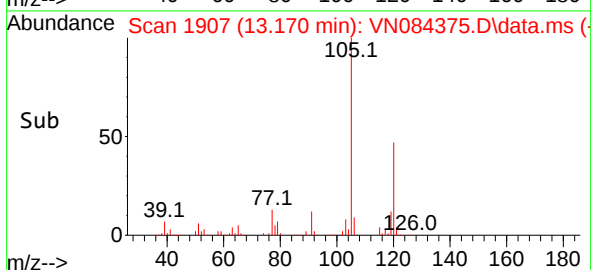
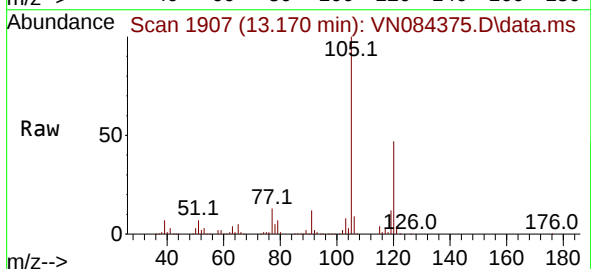
Manual Integrations
APPROVED

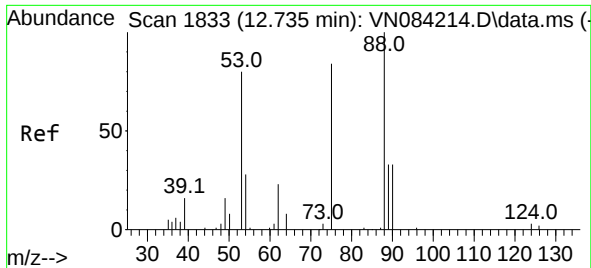
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#80
1,3,5-Trimethylbenzene
Concen: 48.661 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

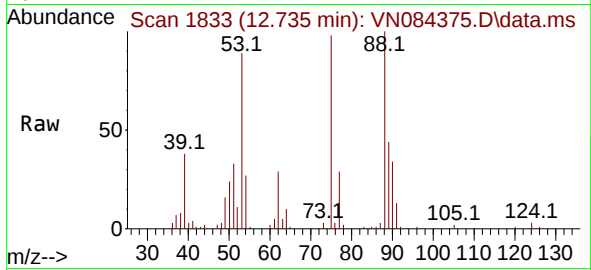
Tgt Ion:105 Resp: 409170
Ion Ratio Lower Upper
105 100
120 46.7 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 46.715 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

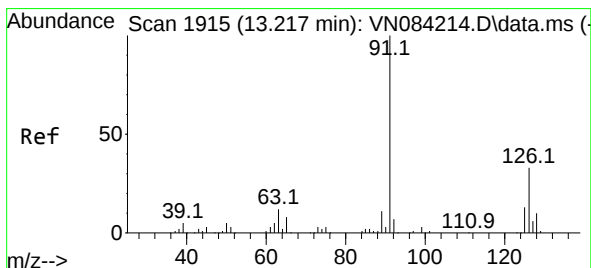
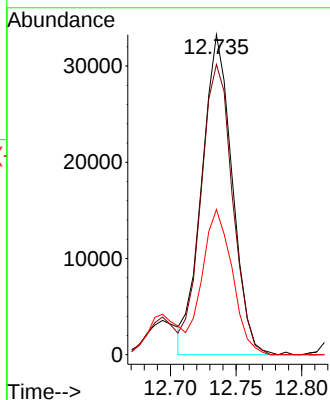
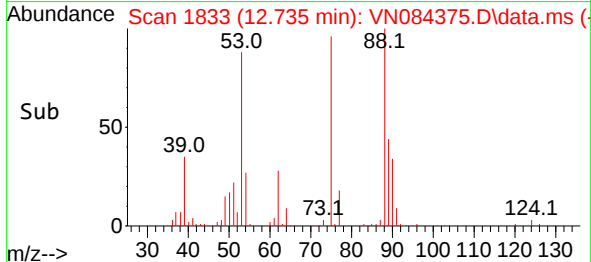
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



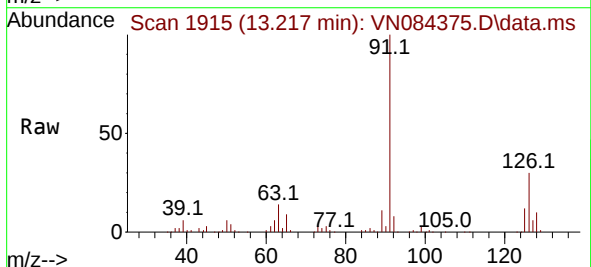
Tgt Ion: 75 Resp: 5373
Ion Ratio Lower Upper
75 100
53 94.2 78.0 117.0
89 44.5 35.5 53.3

Manual Integrations
APPROVED

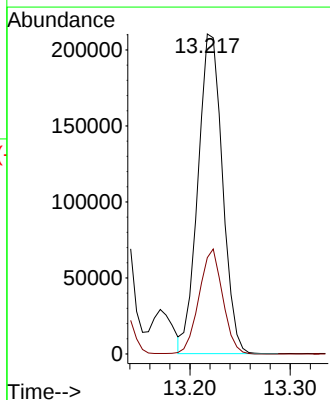
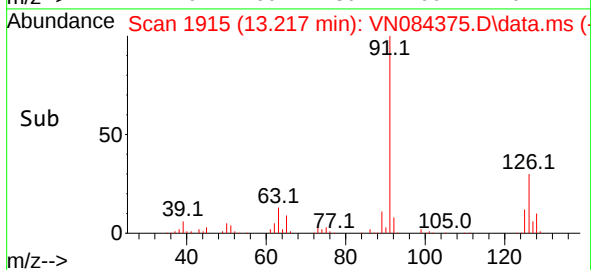
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024

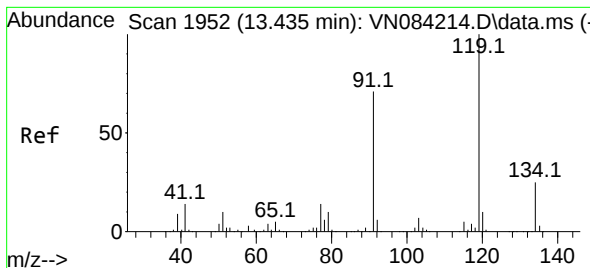


#82
4-Chlorotoluene
Concen: 46.626 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20



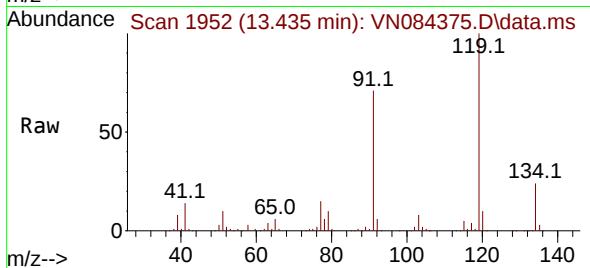
Tgt Ion: 91 Resp: 357710
Ion Ratio Lower Upper
91 100
126 31.6 15.7 47.1





#83
tert-Butylbenzene
Concen: 46.715 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

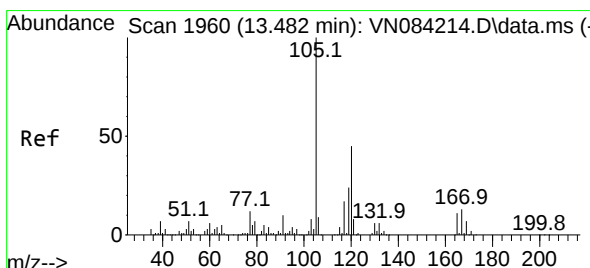
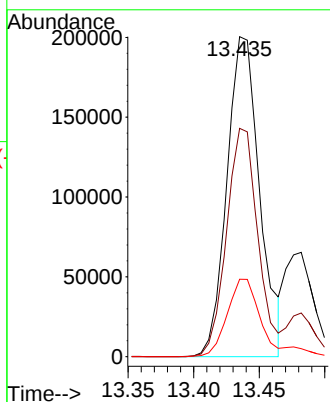
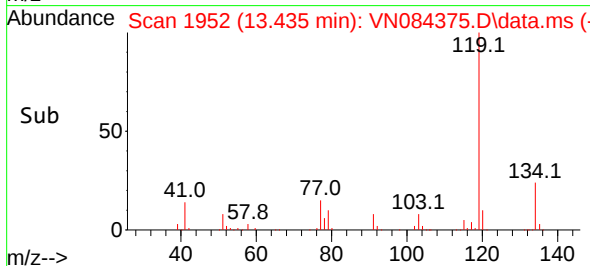
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



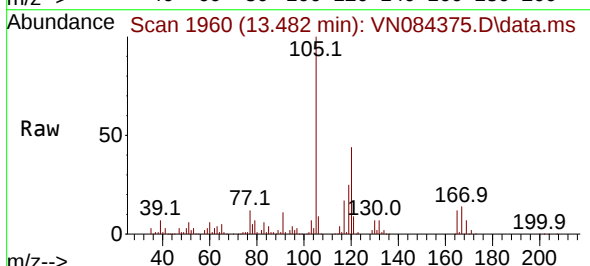
Tgt Ion:119 Resp: 349132
Ion Ratio Lower Upper
119 100
91 68.3 34.1 102.3
134 25.9 12.8 38.4

Manual Integrations
APPROVED

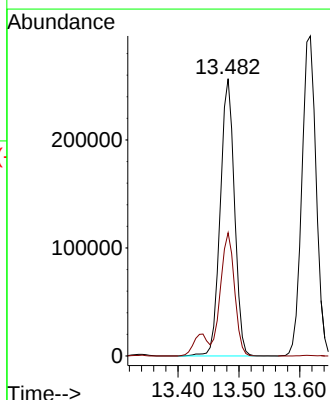
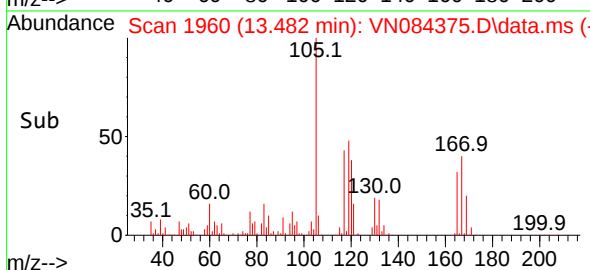
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024

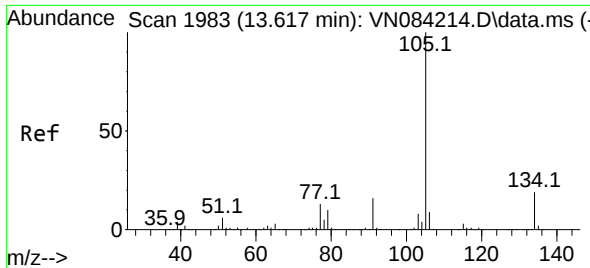


#84
1,2,4-Trimethylbenzene
Concen: 49.094 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20



Tgt Ion:105 Resp: 415858
Ion Ratio Lower Upper
105 100
120 43.7 22.3 66.8





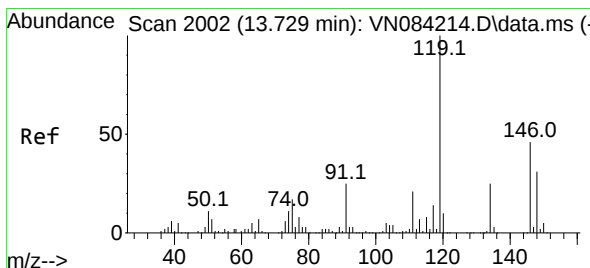
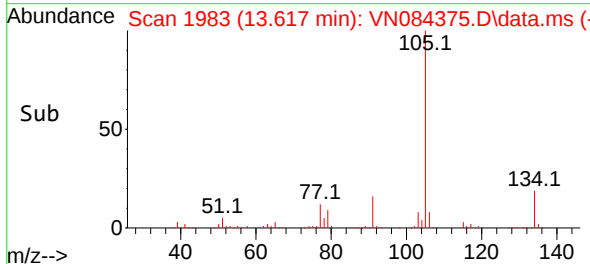
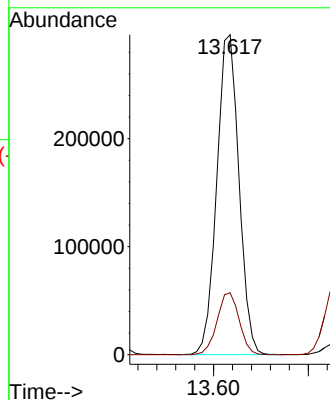
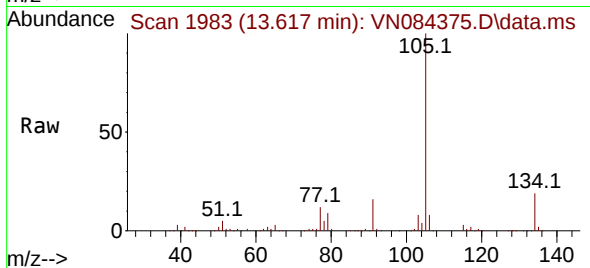
#85
 sec-Butylbenzene
 Concen: 48.290 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN084375.D
 Acq: 09 Oct 2024 18:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 48159
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

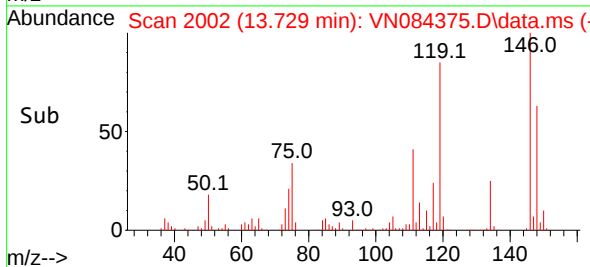
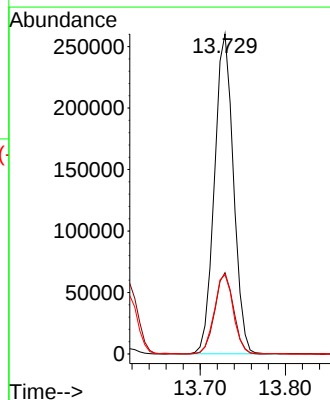
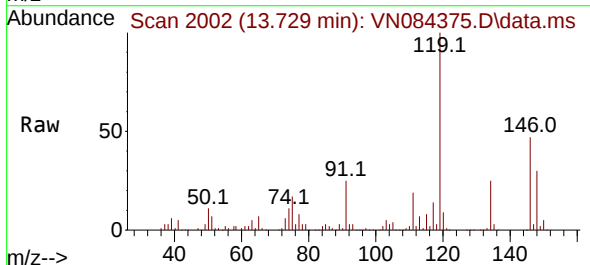
Manual Integrations
 APPROVED

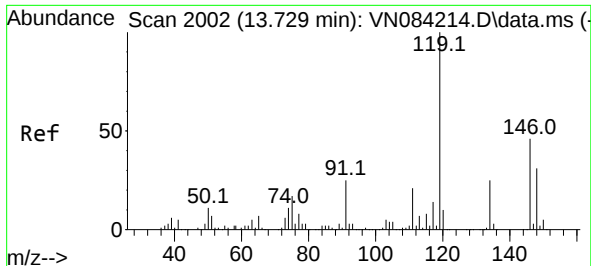
Reviewed By :John Carlone 10/10/2024
 Supervised By :Mahesh Dadoda 10/10/2024



#86
 p-Isopropyltoluene
 Concen: 48.740 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084375.D
 Acq: 09 Oct 2024 18:20

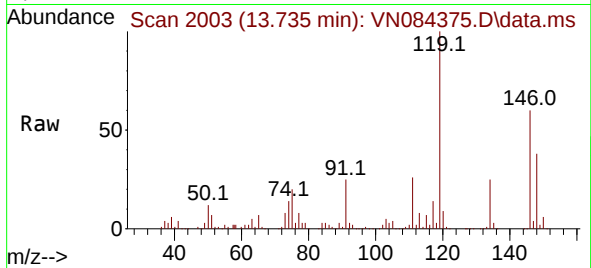
Tgt Ion:119 Resp: 401948
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 24.9 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 45.301 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

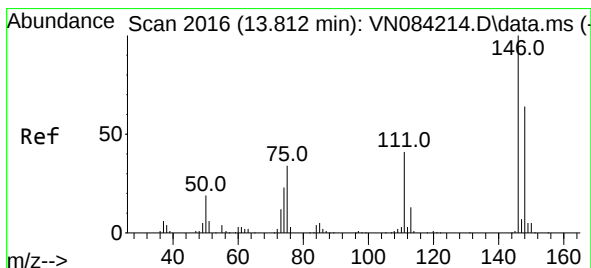
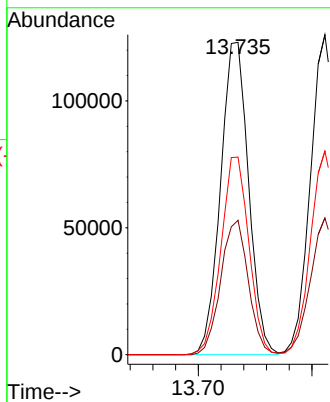
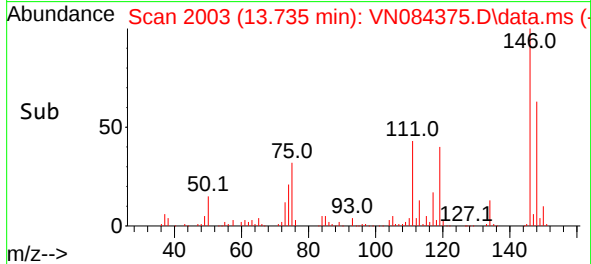
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 21131
Ion Ratio Lower Upper
146 100
111 42.4 21.8 65.3
148 63.1 31.9 95.7

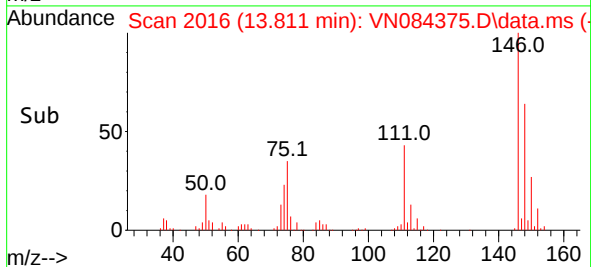
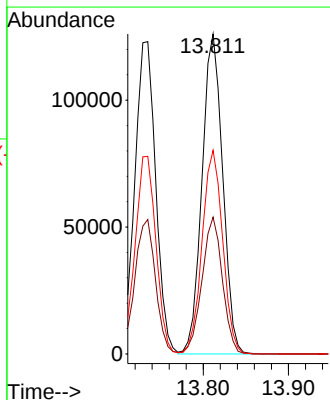
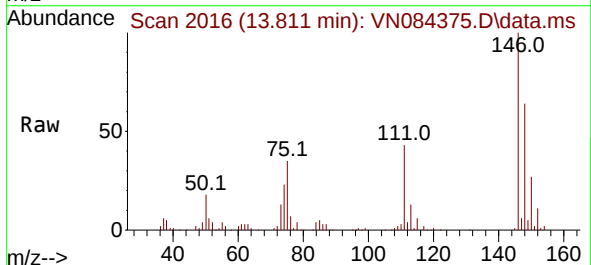
Manual Integrations
APPROVED

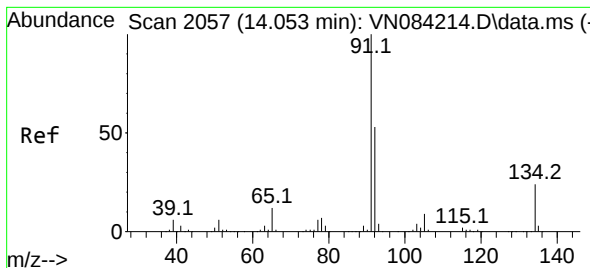
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#88
1,4-Dichlorobenzene
Concen: 45.047 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

Tgt Ion:146 Resp: 212198
Ion Ratio Lower Upper
146 100
111 42.3 21.2 63.6
148 63.4 31.9 95.9





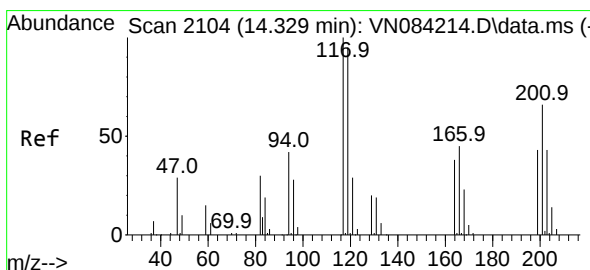
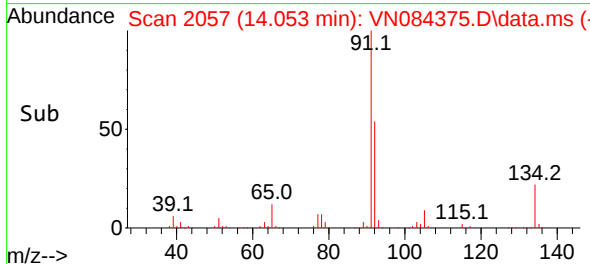
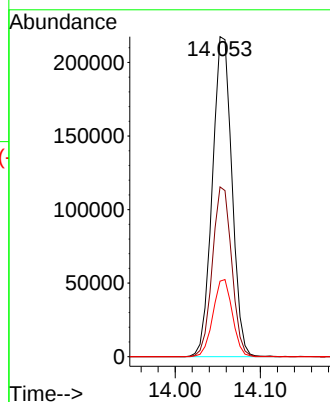
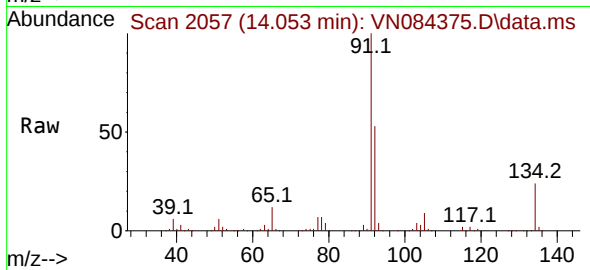
#89
n-Butylbenzene
Concen: 46.495 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 34768
Ion Ratio Lower Upper
91 100
92 52.5 26.6 79.7
134 23.8 12.3 36.9

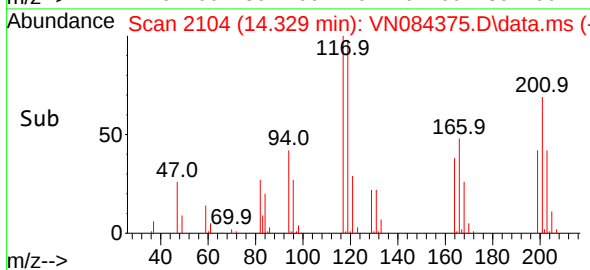
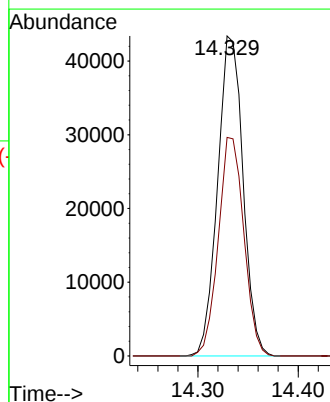
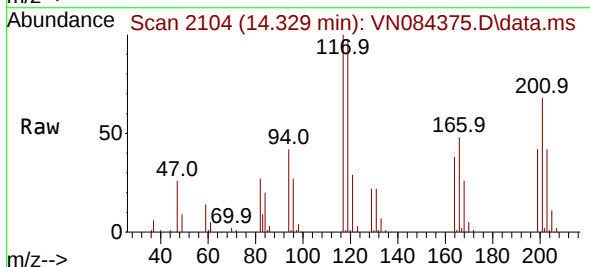
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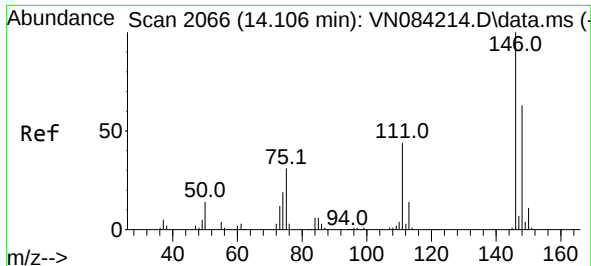
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#90
Hexachloroethane
Concen: 45.672 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

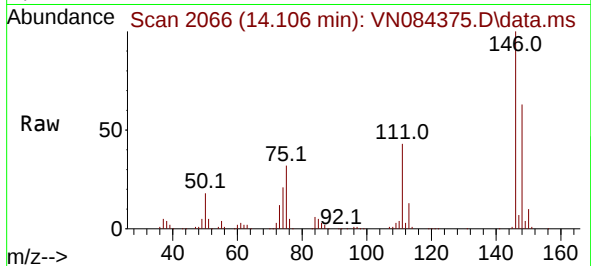
Tgt Ion:117 Resp: 76452
Ion Ratio Lower Upper
117 100
201 68.5 34.4 103.2





#91
1,2-Dichlorobenzene
Concen: 45.943 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

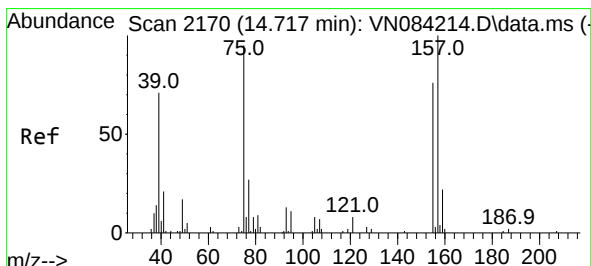
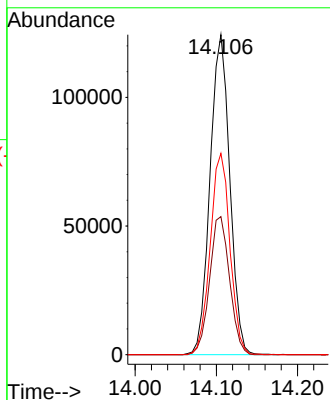
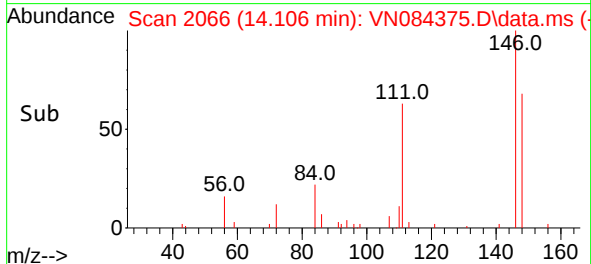
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 210130
Ion Ratio Lower Upper
146 100
111 43.7 22.0 66.0
148 62.9 32.1 96.3

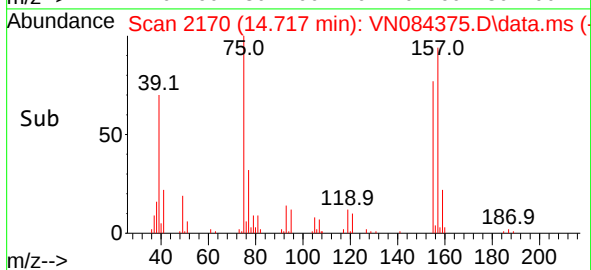
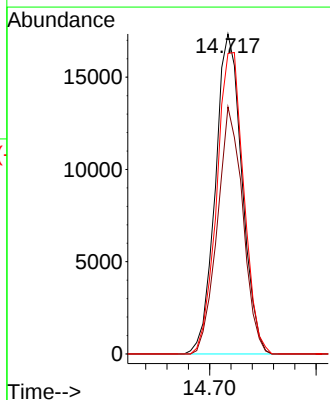
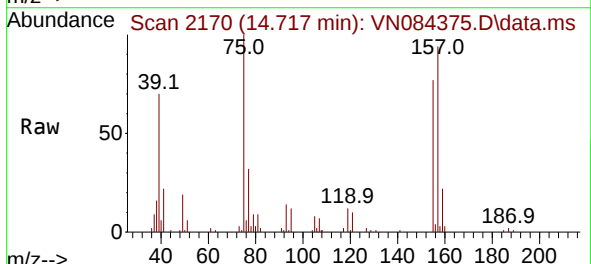
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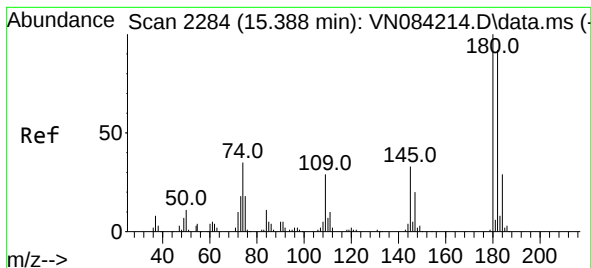
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.944 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

Tgt Ion: 75 Resp: 30027
Ion Ratio Lower Upper
75 100
155 73.9 38.1 114.5
157 95.7 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 46.213 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN084375.D

Acq: 09 Oct 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

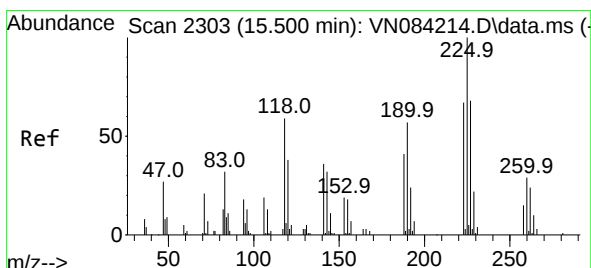
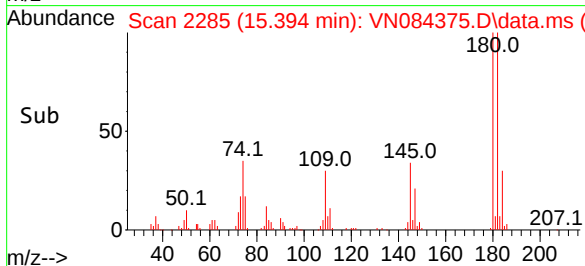
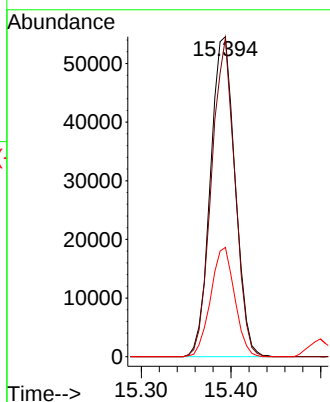
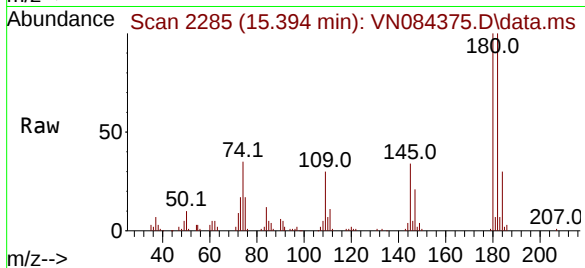
Tgt Ion:180	Resp: 10411
Ion Ratio	Lower Upper
180	100
182	94.4 47.0 141.0
145	33.2 16.4 49.4

Manual Integrations

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Reviewed By :John Carlone 10/10/2024

Supervised By :Mahesh Dadoda 10/10/2024



#94

Hexachlorobutadiene

Concen: 40.570 ug/l

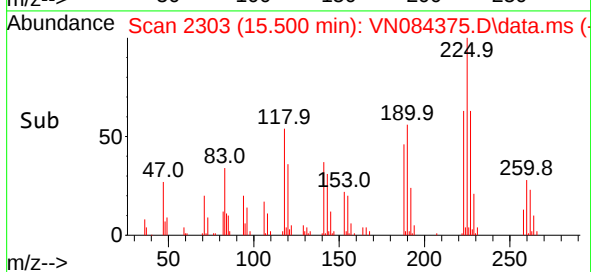
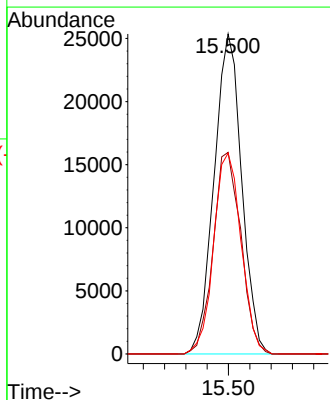
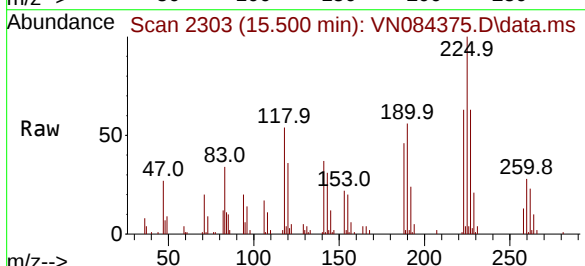
RT: 15.500 min Scan# 2303

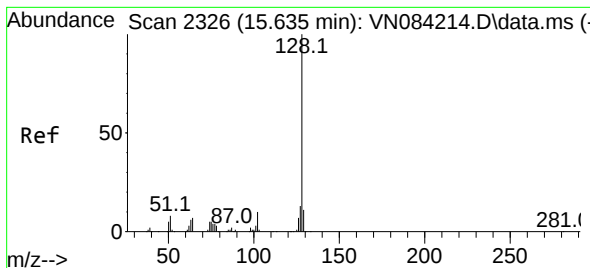
Delta R.T. -0.000 min

Lab File: VN084375.D

Acq: 09 Oct 2024 18:20

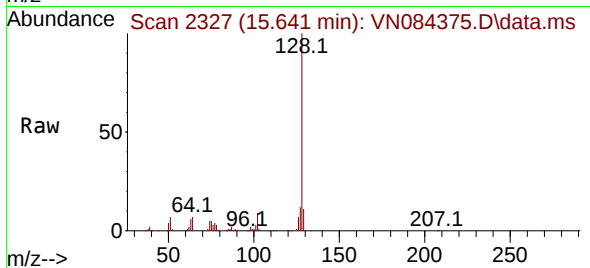
Tgt Ion:225	Resp: 45580
Ion Ratio	Lower Upper
225	100
223	63.2 32.4 97.2
227	62.5 32.4 97.0





#95
Naphthalene
Concen: 61.134 ug/l
RT: 15.641 min Scan# 2326
Delta R.T. 0.006 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

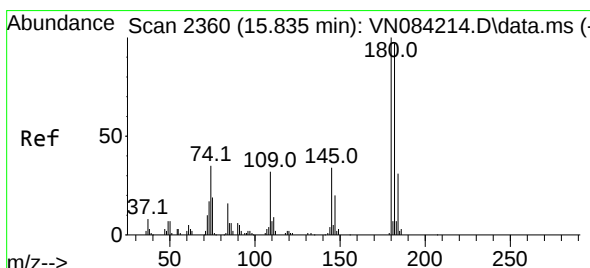
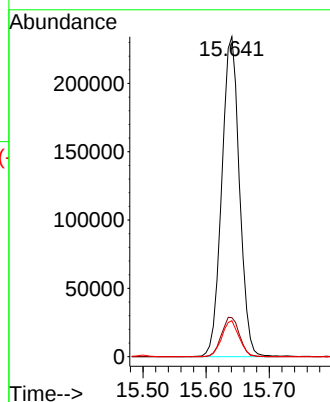
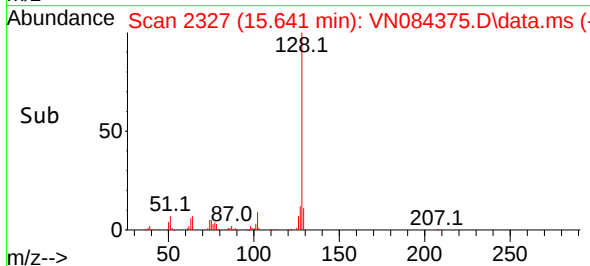
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 456589
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#96
1,2,3-Trichlorobenzene
Concen: 45.437 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN084375.D
Acq: 09 Oct 2024 18:20

Tgt Ion:180 Resp: 102467
Ion Ratio Lower Upper
180 100
182 96.1 48.2 144.6
145 34.6 17.3 51.9

